

TIBCO® Object Service Broker

Messages With Identifiers

Software Release 6.0
July 2012

two-second advantage™



Important Information

SOME TIBCO SOFTWARE EMBEDS OR BUNDLES OTHER TIBCO SOFTWARE. USE OF SUCH EMBEDDED OR BUNDLED TIBCO SOFTWARE IS SOLELY TO ENABLE THE FUNCTIONALITY (OR PROVIDE LIMITED ADD-ON FUNCTIONALITY) OF THE LICENSED TIBCO SOFTWARE. THE EMBEDDED OR BUNDLED SOFTWARE IS NOT LICENSED TO BE USED OR ACCESSED BY ANY OTHER TIBCO SOFTWARE OR FOR ANY OTHER PURPOSE.

USE OF TIBCO SOFTWARE AND THIS DOCUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF A LICENSE AGREEMENT FOUND IN EITHER A SEPARATELY EXECUTED SOFTWARE LICENSE AGREEMENT, OR, IF THERE IS NO SUCH SEPARATE AGREEMENT, THE CLICKWRAP END USER LICENSE AGREEMENT WHICH IS DISPLAYED DURING DOWNLOAD OR INSTALLATION OF THE SOFTWARE (AND WHICH IS DUPLICATED IN THE LICENSE FILE) OR IF THERE IS NO SUCH SOFTWARE LICENSE AGREEMENT OR CLICKWRAP END USER LICENSE AGREEMENT, THE LICENSE(S) LOCATED IN THE "LICENSE" FILE(S) OF THE SOFTWARE. USE OF THIS DOCUMENT IS SUBJECT TO THOSE TERMS AND CONDITIONS, AND YOUR USE HEREOF SHALL CONSTITUTE ACCEPTANCE OF AND AN AGREEMENT TO BE BOUND BY THE SAME.

This document contains confidential information that is subject to U.S. and international copyright laws and treaties. No part of this document may be reproduced in any form without the written authorization of TIBCO Software Inc.

TIBCO, The Power of Now, TIBCO Object Service Broker, and and TIBCO Service Gateway are either registered trademarks or trademarks of TIBCO Software Inc. in the United States and/or other countries.

All other product and company names and marks mentioned in this document are the property of their respective owners and are mentioned for identification purposes only.

THIS SOFTWARE MAY BE AVAILABLE ON MULTIPLE OPERATING SYSTEMS. HOWEVER, NOT ALL OPERATING SYSTEM PLATFORMS FOR A SPECIFIC SOFTWARE VERSION ARE RELEASED AT THE SAME TIME. SEE THE README FILE FOR THE AVAILABILITY OF THIS SOFTWARE VERSION ON A SPECIFIC OPERATING SYSTEM PLATFORM.

THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

THIS DOCUMENT COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THIS DOCUMENT. TIBCO SOFTWARE INC. MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS DOCUMENT AT ANY TIME.

THE CONTENTS OF THIS DOCUMENT MAY BE MODIFIED AND/OR QUALIFIED, DIRECTLY OR INDIRECTLY, BY OTHER DOCUMENTATION WHICH ACCOMPANIES THIS SOFTWARE, INCLUDING BUT NOT LIMITED TO ANY RELEASE NOTES AND "READ ME" FILES.

The TIBCO Object Service Broker technologies described herein are protected under the following patent numbers:

Australia:	-	-	671137	671138	673682	646408
Canada:	2284250	-	-	2284245	2284248	2066724
Europe:	-	-	0588446	0588445	0588447	0489861
Japan:	-	-	-	-	-	2-513420
USA:	5584026	5586329	5586330	5594899	5596752	5682535

Copyright © 1999-2012 TIBCO Software Inc. ALL RIGHTS RESERVED.

TIBCO Software Inc. Confidential Information

Contents

Preface	vii
Related Documentation	viii
TIBCO Object Service Broker Documentation	viii
Typographical Conventions	xiii
Connecting with TIBCO Resources	xvi
How to Join TIBCOCommunity	xvi
How to Access All TIBCO Documentation	xvi
How to Contact TIBCO Support	xvi
Using Messages With Identifiers	1
Introduction	2
Identifier Syntax	2
Components	2
Resolving Issues	6
How to Contact TIBCO Support	6
AD: Adabas Server	7
BA: Batch Archive	11
BC: Various Offline Utilities	24
BL: Batch Load	38
BP: Pagestore Validation	56
BT: Segment Reset	70
BU: Batch Unload	75
BX: Batch Secondary Index	83
CF: Configuration Processing	91
CM: General Communications	92
CS: CICS	103
DA: Dynamic Allocation	113
DB: File Task	114
DC: IMS TM	124
DD: DB2 - DOB	129
DM: CA Datacom server, utilities	131
DP: Execution Environment print	136
DR: Execution Environment	138

D2: DB2 Gateway	176
EE: Execution Environment	185
HM: Hawk Microagent	188
IC: IMS/DB Gateway	190
ID: CA IDMS Gateway	193
IM: IMS/DB Gateway	206
JX: Journal Extract	223
KA: DOB Query Task	226
KC: DOB Communication Task	232
KF: DOB Commit Task	254
KL: Lock Manager	264
KP: DOB Operator Tasks	266
KQ: Ready To Use Queue Task	290
KR: DOB Redo Tasks	291
KS: DOB Supervisor Tasks	295
KX: DOB Checkpoint Tasks	312
MN: osMon	324
MS: Message Switch Address Space	342
NC: Network Control	358
OU: Open Transaction Mgr Access	369
PF: Journal Formatting	370
PR: EE Parameter Processing	371
PX: POSIX ON support for EMS	380
RA: TCP/IP RELAY	385
RE: Communications RELAY	393
RT: EE Resources	396
SB: Segment Balance Utility	397
SI: SVC Install Program	403
SK: ODBC Gateway/Oracle Gateway	406
SM: Session Manager	411
SP: External Gateways	428
SS: UNIX System Services	434
ST: Storage Management	435
SV: Batch Server	437
TA: TDS	448
TB: TDS	449

TC: TDS.....	450
TD: TDS.....	452
TE: TDS.....	453
TF: TDS.....	454
TG: TDS.....	455
TH: TDS.....	456
TK: TRACKER Notification	459
TL: DOB Support Offline Utils	460
TR: TDS.....	483
TS: TDS.....	491
TW: TDS	494
TY: ostty Client.....	495
UA: DOB Application Tasks.....	496
UB: DOB File Tasks.....	504
UC: DOB Communications	506
UL: Data Object Broker (DOB).....	508
UM: HCS	536
UN: DOB Administration Tasks	543
UR: DOB	544
US: DOB Supervisor Tasks	547
UX: DOB Checkpoint Tasks.....	554
XC: Cross-Memory Control	559

Preface

TIBCO® Object Service Broker is an application development environment and integration broker that bridges legacy and non-legacy applications and data.

This manual describes the messages with identifiers that are issued by TIBCO Object Service Broker.

Topics

- [Related Documentation, page viii](#)
- [Typographical Conventions, page xiii](#)
- [Connecting with TIBCO Resources, page xvi](#)

Related Documentation

This section lists documentation resources you may find useful.

TIBCO Object Service Broker Documentation

The following documents form the TIBCO Object Service Broker documentation set:

Fundamental Information

The following manuals provide fundamental information about TIBCO Object Service Broker:

- *TIBCO Object Service Broker Getting Started* Provides the basic concepts and principles of TIBCO Object Service Broker and introduces its components and capabilities. It also describes how to use the default developer's workbench and includes a basic tutorial of how to build an application using the product. A product glossary is also included in the manual.
- *TIBCO Object Service Broker Messages with Identifiers* Provides a listing of the TIBCO Object Service Broker messages that are issued with alphanumeric identifiers. The description of each message includes the source and explanation of the message and recommended action to take.
- *TIBCO Object Service Broker Messages without Identifiers* Provides a listing of the TIBCO Object Service Broker messages that are issued without a message identifier. These messages use the percent symbol (%) or the number symbol (#) to represent such variable information as a rules name or the number of occurrences in a table. The description of each message includes the source and explanation of the message and recommended action to take.
- *TIBCO Object Service Broker Quick Reference* Presents summary information for use in the TIBCO Object Service Broker application development environment.
- *TIBCO Object Service Broker Shareable Tools* Lists and describes the TIBCO Object Service Broker shareable tools. Shareable tools are programs supplied with TIBCO Object Service Broker that facilitate rules language programming and application development.
- *TIBCO Object Service Broker Release Notes* Read the release notes for a list of new and changed features. This document also contains lists of known issues and closed issues for this release.

Application Development and Management

The following manuals provide information about application development and management:

- *TIBCO Object Service Broker Application Administration* Provides information required to administer the TIBCO Object Service Broker application development environment. It describes how to use the administrator's workbench, set up the development environment, and optimize access to the database. It also describes how to manage the Pagestore, which is the native TIBCO Object Service Broker data store.
- *TIBCO Object Service Broker Managing Data* Describes how to define, manipulate, and manage data required for a TIBCO Object Service Broker application.
- *TIBCO Object Service Broker Managing External Data* Describes the TIBCO Object Service Broker interface to external files (not data in external databases) and describes how to define TIBCO Object Service Broker tables based on these files and how to access their data.
- *TIBCO Object Service Broker National Language Support* Provides information about implementing the National Language Support in a TIBCO Object Service Broker environment.
- *TIBCO Object Service Broker Object Integration Gateway* Provides information about installing and using the Object Integration Gateway which is the interface for TIBCO Object Service Broker to XML, J2EE, .NET and COM.
- *TIBCO Object Service Broker for Open Systems External Environments* Provides information on interfacing TIBCO Object Service Broker with the Windows and Solaris environments. It includes how to use SDK (C/C++) and SDK (Java) to access TIBCO Object Service Broker data, how to interface to TIBCO Enterprise Messaging Service (EMS), how to use the TIBCO Service Gateway for WMQ, how to use the Adapter for JDBC-ODBC, and how to access programs written in external programming languages from within TIBCO Object Service Broker.
- *TIBCO Object Service Broker for z/OS External Environments* Provides information on interfacing TIBCO Object Service Broker to various external environments within a TIBCO Object Service Broker z/OS environment. It also includes information on how to access TIBCO Object Service Broker from different terminal managers, how to write programs in external programming languages to access TIBCO Object Service Broker data, how to interface to TIBCO Enterprise Messaging Service (EMS), how to use the TIBCO Service Gateway for WMQ, and how to access programs written in external programming languages from within TIBCO Object Service Broker.

- *TIBCO Object Service Broker Parameters* Lists the TIBCO Object Service Broker Execution Environment and Data Object Broker parameters and describes their usage.
- *TIBCO Object Service Broker Programming in Rules* Explains how to use the TIBCO Object Service Broker rules language to create and modify application code. The rules language is the programming language used to access the TIBCO Object Service Broker database and create applications. The manual also explains how to edit, execute, and debug rules.
- *TIBCO Object Service Broker Managing Deployment* Describes how to submit, maintain, and manage promotion requests in the TIBCO Object Service Broker application development environment.
- *TIBCO Object Service Broker Defining Reports* Explains how to create both simple and complex reports using the reporting tools provided with TIBCO Object Service Broker. It explains how to create reports with simple features using the Report Generator and how to create reports with more complex features using the Report Definer.
- *TIBCO Object Service Broker Managing Security* Describes how to set up, use, and administer the security required for an TIBCO Object Service Broker application development environment.
- *TIBCO Object Service Broker Defining Screens and Menus* Provides the basic information to define screens, screen tables, and menus using TIBCO Object Service Broker facilities.
- *TIBCO Service Gateway for Files SDK* Describes how to use the SDK provided with the TIBCO Service Gateway for Files to create applications to access Adabas, CA Datacom, and VSAM LDS data.

System Administration on the z/OS Platform

The following manuals describe system administration on the z/OS platform:

- *TIBCO Object Service Broker for z/OS Installing and Operating* Describes how to install, migrate, update, maintain, and operate TIBCO Object Service Broker in a z/OS environment. It also describes the Execution Environment and Data Object Broker parameters used by TIBCO Object Service Broker.
- *TIBCO Object Service Broker for z/OS Managing Backup and Recovery* Explains the backup and recovery features of OSB for z/OS. It describes the key components of TIBCO Object Service Broker systems and describes how you can back up your data and recover from errors. You can use this information, along with assistance from TIBCO Support, to develop the best customized solution for your unique backup and recovery requirements.

- *TIBCO Object Service Broker for z/OS Monitoring Performance* Explains how to obtain and analyze performance statistics using TIBCO Object Service Broker tools and SMF records
- *TIBCO Object Service Broker for z/OS Utilities* Contains an alphabetically ordered listing of TIBCO Object Service Broker utilities for z/OS systems. These are TIBCO Object Service Broker administrator utilities that are typically run with JCL.

System Administration on Open Systems

The following manuals describe system administration on open systems such as Windows or UNIX:

- *TIBCO Object Service Broker for Open Systems Installing and Operating* Describes how to install, migrate, update, maintain, and operate TIBCO Object Service Broker in Windows and Solaris environments.
- *TIBCO Object Service Broker for Open Systems Managing Backup and Recovery* Explains the backup and recovery features of TIBCO Object Service Broker for Open Systems. It describes the key components of a TIBCO Object Service Broker system and describes how to back up your data and recover from errors. Use this information to develop a customized solution for your unique backup and recovery requirements.
- *TIBCO Object Service Broker for Open Systems Utilities* Contains an alphabetically ordered listing of TIBCO Object Service Broker utilities for Windows and Solaris systems. These TIBCO Object Service Broker administrator utilities are typically executed from the command line.

External Database Gateways

The following manuals describe external database gateways:

- *TIBCO Service Gateway for DB2 Installing and Operating* Describes the TIBCO Object Service Broker interface to DB2 data. Using this interface, you can access external DB2 data and define TIBCO Object Service Broker tables based on this data.
- *TIBCO Service Gateway for IDMS/DB Installing and Operating* Describes the TIBCO Object Service Broker interface to CA-IDMS data. Using this interface, you can access external CA-IDMS data and define TIBCO Object Service Broker tables based on this data.
- *TIBCO Service Gateway for IMS/DB Installing and Operating* Describes the TIBCO Object Service Broker interface to IMS/DB and DB2 data. Using this interface, you can access external IMS data and define TIBCO Object Service Broker tables based on it.

- *TIBCO Service Gateway for ODBC and for Oracle Installing and Operating*
Describes the TIBCO Object Service Broker ODBC Gateway and the TIBCO Object Service Broker Oracle Gateway interfaces to external DBMS data. Using this interface, you can access external DBMS data and define TIBCO Object Service Broker tables based on this data.

Typographical Conventions

The following typographical conventions are used in this manual.

Table 1 General Typographical Conventions

Convention	Use
<i>TIBCO_HOME</i> <i>OSB_HOME</i>	<p>By default, all TIBCO products are installed into a folder referenced in the documentation as <i>TIBCO_HOME</i>.</p> <p>On open systems, TIBCO Object Service Broker installs by default into a directory within <i>TIBCO_HOME</i>. This directory is referenced in documentation as <i>OSB_HOME</i>. The default value of <i>OSB_HOME</i> depends on the operating system. For example on Windows systems, the default value is C:\tibco\OSB. Similarly, all TIBCO Service Gateways on open systems install by default into a directory in <i>TIBCO_HOME</i>. For example on Windows systems, the default value is C:\tibco\OSBgateways\6.0.</p> <p>On z/OS, no default installation directories exist.</p>
code font	<p>Code font identifies commands, code examples, filenames, pathnames, and output displayed in a command window. For example:</p> <p>Use MyCommand to start the foo process.</p>
bold code font	<p>Bold code font is used in the following ways:</p> <ul style="list-style-type: none"> • In procedures, to indicate what a user types. For example: Type admin. • In large code samples, to indicate the parts of the sample that are of particular interest. • In command syntax, to indicate the default parameter for a command. For example, if no parameter is specified, MyCommand is enabled: MyCommand [enable disable]
<i>italic font</i>	<p>Italic font is used in the following ways:</p> <ul style="list-style-type: none"> • To indicate a document title. For example: See <i>TIBCO ActiveMatrix BusinessWorks Concepts</i>. • To introduce new terms For example: A portal page may contain several portlets. <i>Portlets</i> are mini-applications that run in a portal. • To indicate a variable in a command or code syntax that you must replace. For example: MyCommand <i>PathName</i>

Table 1 General Typographical Conventions (Cont'd)




Convention	Use
Key combinations	Key name separated by a plus sign indicate keys pressed simultaneously. For example: Ctrl+C. Key names separated by a comma and space indicate keys pressed one after the other. For example: Esc, Ctrl+Q.
	The note icon indicates information that is of special interest or importance, for example, an additional action required only in certain circumstances.
	The tip icon indicates an idea that could be useful, for example, a way to apply the information provided in the current section to achieve a specific result.
	The warning icon indicates the potential for a damaging situation, for example, data loss or corruption if certain steps are taken or not taken.

Table 2 Syntax Typographical Conventions

Convention	Use
[]	An optional item in a command or code syntax. For example: <code>MyCommand [optional_parameter] required_parameter</code>
	A logical OR that separates multiple items of which only one may be chosen. For example, you can select only one of the following parameters: <code>MyCommand param1 param2 param3</code>

Table 2 *Syntax Typographical Conventions*

Convention	Use
{ }	<p>A logical group of items in a command. Other syntax notations may appear within each logical group.</p> <p>For example, the following command requires two parameters, which can be either the pair param1 and param2, or the pair param3 and param4.</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command requires two parameters. The first parameter can be either param1 or param2 and the second can be either param3 or param4:</p> <pre>MyCommand {param1 param2} {param3 param4}</pre> <p>In the next example, the command can accept either two or three parameters. The first parameter must be param1. You can optionally include param2 as the second parameter. And the last parameter is either param3 or param4.</p> <pre>MyCommand param1 [param2] {param3 param4}</pre>

Connecting with TIBCO Resources

How to Join TIBCOCommunity

TIBCOCommunity is an online destination for TIBCO customers, partners, and resident experts, a place to share and access the collective experience of the TIBCO community. TIBCOCommunity offers forums, blogs, and access to a variety of resources. To register, go to <http://www.tibcommunity.com>.

How to Access All TIBCO Documentation

You can access TIBCO documentation here:

<http://docs.tibco.com>

How to Contact TIBCO Support

For comments or problems with this manual or the software it addresses, please contact TIBCO Support as follows.

- For an overview of TIBCO Support, and information about getting started with TIBCO Support, visit this site:

<http://www.tibco.com/services/support>

- If you already have a valid maintenance or support contract, visit this site:

<https://support.tibco.com>

Entry to this site requires a user name and password. If you do not have a user name, you can request one.

Using Messages With Identifiers

This chapter describes how to make use of the messages with identifiers that are issued by TIBCO Object Service Broker.

Topics

- [Introduction, page 2](#)

Introduction

This manual belongs in the set of documentation for the TIBCO Object Service Broker Integration Foundation product.

Identifier Syntax

The messages with identifiers have the following form:

S6Baaxxxq: mmm

where the variables mean the following:

Variable	Description
aa	Two characters that identify the TIBCO Object Service Broker component that issued the message. See the table in the Components section.
xxx	Message number
q	Severity of error. Valid values: A–Action; E–Explanation; I–Information; L–Logging only; R–Reply; W–Warning.
mmm	Message text

Components

The table below describes the relationship of the 2- letter component identifiers and the product component associated with the message:

Identifier	Component	Description
AD	@ADA	ADABAS Gateway
BA	@BA	Batch Archive
BC	@BC	Various Offline Utilities
BL	@BL	Batch Load
BP	@BP	Page Store Validation

Identifier	Component	Description
BT	@BT	Segment Reset
BU	@BU	Batch Unload
BX	@BX	Batch Secondary Index
CF	@CF	Configuration Processing
CE	@CHGRULE	CHANGERULE tool
CL	@CL	Client Defaults Editor
CM	@CM	General Communications
CS	@CS	CICS
DA	@DA	Dynamic Allocation
DB	@DB	File Task
DC	@DC	IMS/DC
DD	@DD	DB2 - Data Object Broker
DM	@DM	Service Gateway for CA-Datcom and utilities
DP	@DP	Execution Environment print
DR	@DR	Execution Environment
D2	@D2	Service Gateway for DB2
EE	@EE	Execution Environment
IC	@IC	Service Gateway for IMS
ID	@ID	Service Gateway for CA-IDMS
IM	@IM	Service Gateway for IMS
KA	@KA	Data Object Broker Query Task
KC	@KC	Data Object Broker Communication Task
KF	@KF	Data Object Broker Commit Task

Identifier	Component	Description
KL	@KL	Lock Manager
KP	@KP	Data Object Broker Operator Tasks
KR	@KR	Data Object Broker Redo Tasks
KS	@KS	Data Object Broker Supervisor Tasks
KX	@KX	Data Object Broker Checkpoint Tasks
MC	@MC	Model 204 - Data Object Broker
MN	@MN	osMon
MS	@MS	Message Switch Address Space
NC	@NC	Network Control
OS	@OBJECTSERVER	Object Server
PC	@PC	TCP/IP Control
PF	@PF	Journal Formatting
PR	@PR	Execution Environment Parameter Processing
RT	@RT	Execution Environment Resources
SB	@SB	Segment Balance Utility
SI	@SI	SVC Install Program
SK	@SLK	Service Gateway for ODBC Service Gateway for Oracle
SM	@SM	Session Manager
SP	@SP	External Servers
SS	@SS	UNIX System Services
ST	@ST	Storage Management
SV	@SV	Batch Server

Identifier	Component	Description
TA	@TA	TDS
TB	@TB	TDS
TC	@TC	TDS
TD	@TD	TDS
TE	@TE	TDS
TF	@TF	TDS
TG	@TG	TDS
TH	@TH	TDS
TL	@TL	Data Object Broker Support Offline Utilities
TR	@TR	TDS
TS	@TS	TDS
TW	@TW	TDS
TY	@TY	ostty client
UA	@UA	Data Object Broker Application Tasks
UB	@UB	Data Object Broker File Tasks
UC	@UC	Data Object Broker Communications
UL	@UL	Data Object Broker (DOB)
UM	@UM	HCS
UN	@UN	Data Object Broker Administration Tasks
UQ	@UP	HRNTLADM
UR	@UR	Data Object Broker
US	@US	Data Object Broker Supervisor Tasks
UX	@UX	Data Object Broker Checkpoint Tasks

Identifier	Component	Description
XC	@XC	Cross-Memory Control

Resolving Issues

The information about messages in the following pages present information to help you recover. Refer to the Action entries.

If you need more help, you may want to contact TIBCO Support.

How to Contact TIBCO Support

Refer to [How to Contact TIBCO Support on page xvi](#).

AD: Adabas Server

S6BAD001E

No more locks can be taken by ADABAS - (Resp code % Command code %)

Source: Adabas Server

Explanation: Maximum number of locks that can be taken by an ADABAS user has been exceeded.

Action: Either adjust the ADABAS system parameter to allow more locks to be taken or amend the program to release the locks by starting a new transaction.

S6BAD002E

File OPEN error - (Resp code % Command code %)

Source: Adabas Server

Explanation: An error has occurred during OPEN processing.

Action: Determine the cause of the problem from the ADABAS Response code.

S6BAD003E

Unexpected error encountered - (Resp code % Command code %)

Source: Adabas Server

Explanation: An unexpected Response code was received by the ADABAS server.

Action: Determine the cause of the error from the ADABAS Response code.

S6BAD004E

File CLOSE error - (Resp code % Command code %)

Source: Adabas Server

Explanation: An error occurred during CLOSE processing.

Action: Determine the cause of the problem from the ADABAS Response code.

S6BAD005E

Error encountered during SEARCH processing - (Resp code % Command code %)

Source: Adabas Server

Explanation: An error has occurred while selecting data from ADABAS.

Action: Determine the cause of the problem from the ADABAS Response code.

S6BAD006E

Error during DELETE - (Resp code % Command code %)

Source: Adabas Server

Explanation: An error has occurred when trying to delete data from ADABAS.

Action: Determine the cause of the problem from the ADABAS response code.

S6BAD007E

Error during INSERT - (Resp code % Command code %)

Source: Adabas Server

Explanation: An error has occurred when inserting data to ADABAS.

Action: Determine the cause of the problem from the ADABAS Response code.

S6BAD008E

Error during ROLLBACK - (Resp code % Command code %)

Source: Adabas Server

Explanation: An error occurred when trying to roll back update requests from ADABAS.

Action: Determine the cause of the problem from the ADABAS Response code.

S6BAD009E

Error during UPDATE - (Resp code % Command code %)

Source: Adabas Server

Explanation: An error has occurred when attempting to update data in ADABAS.

Action: Determine the cause of the problem from the ADABAS Response code.

S6BAD012E

LOCKFAIL - ADABAS resource not available - (Resp code % Command code %)

Source: Adabas Server

Explanation: A LOCKFAIL condition occurred because another user is already using the requested resource.

Action: Determine the cause of the error from the ADABAS Response code.

S6BAD014E

Runaway task limit exceeded - Read terminated

Source: Adabas Server

Explanation: The server has detected that the maximum number of sequential reads to one table has been exceeded.

Action: Either correct the application logic to prevent this condition occurring or increase the server parameter RUNAWAY via the @CONFIGURESERVER tool.

S6BAD015E

Search Predicates cannot include nulls or zero length fields. Predicate % contains a null.

Source: Adabas Server

Explanation: A search argument passed to the ADABAS server contains a NULL value. ADABAS has no concept of a NULL value, so the server is unable to translate this request into a valid ADABAS request.

Action: Correct the application logic to prevent a NULL being used in an ADABAS server access request.

S6BAD084E

Workarea GETMAIN failed, RC=#

Source: Adabas Server

Explanation: The GETMAIN for the ADABAS ESTAE routine failed

Action: The server task is terminated. Determine the reason for the failure from the return code, correct the problem and restart the server.

S6BAD085I**DBID cursor work area size=#****Source:** Adabas Server**Explanation:** Indicates the size in bytes of the DBID cursor work area**Action:** None**S6BAD086E****DBIDCURSOR GETMAIN FAILURE****Source:** Adabas Server**Explanation:** Storage Cannot be obtained to hold DBID list**Action:** Contact TIBCO Support.**S6BAD087E****ADABAS Server: ESTAE establishment failure****Source:** Adabas Server**Explanation:** The ESTAE cannot be established**Action:** Review additional messages in the log**S6BAD088E****DBIDCURSOR SIZE NOT SUPPLIED****Source:** Adabas Server**Explanation:** ESTAE has been called incorrectly**Action:** Check to see if correct version of the ESTAE has been used**S6BAD089E****ADALNK ADDRESS NOT SUPPLIED****Source:** Adabas Server**Explanation:** ESTAE has been called incorrectly.**Action:** Check to see if correct version of the ESTAE has been used.**S6BAD090E****WORKAREA GETMAIN FAILURE****Source:** Adabas Server**Explanation:** A getmain has failed**Action:** Increase the region size and try again.**S6BAD091I****SDWA not available for ADABAS server ESTAE processing****Source:** Adabas Server**Explanation:** During abnormal termination of the ADABAS server, the ESTAE routine was not provided with an SDWA from RTM. Due to this circumstance, the ESTAE routine was unable to report on the cause of the ABEND.**Action:** No action required.**S6BAD092E****ADABAS Server: ESTAE processing terminated - Environment error****Source:** Adabas Server**Explanation:** During abnormal termination of the ADABAS server, the ESTAE routine was unable to locate certain control blocks needed for cleanup processing. Due to this circumstance, certain fixed storage pools will not be released back to the system.**Action:** Certain portions of REAL storage will remain unavailable to the system until an IPL is performed. If the amount of storage occupied by these orphaned control blocks causes system performance problems, an immediate IPL may be required.

S6BAD093E**ADALNK NONZERO RETURN CODE****Source:** Adabas Server**Explanation:** When calling ADALNK an unexpected response code was received**Action:** Review ADABAS log to determine why the error occurred**S6BAD094E****ADABAS Server: ESTAE cancel unsuccessful****Source:** Adabas Server**Explanation:** An error occurred during ESTAE cancellation**Action:** Gather the appropriate dumps and contact TIBCO Support.**S6BAD095I****An ADABAS backout transaction has been issued.****Source:** Adabas Server**Explanation:** The ESTAE has been invoked. A transaction backout has been issued to clean up any pending updates.**Action:** None.**S6BAD096E****ADABAS Server: ESTAE parameter list not supplied****Source:** Adabas Server**Explanation:** ESTAE has been called incorrectly**Action:** Check to see if the correct version of the ESTAE has been used**S6BAD097I****ADABAS Server: ESTAE routine entered****Source:** Adabas Server**Explanation:** The ADABAS server ESTAE has been invoked during Abend processing**Action:** Review addition messages to determine why the ESTAE has been invoked**S6BAD098I****ADABAS Server: ESTAE cancellation entered****Source:** Adabas Server**Explanation:** The ESTAE has been terminated during normal thread shutdown**Action:** None**S6BAD099I****ADABAS Server: ESTAE activation entered****Source:** Adabas Server**Explanation:** The ADABAS server ESTAE has been successfully established**Action:** None

BA: Batch Archive

S6BBA001I

RESTART PROCESSING REQUEST AFTER PVS SELECTION BREAK

Source: Batch Archive

Explanation: S6BBRULA is running in restart mode after a break occurred for external table instance processing.

Action: No action required.

S6BBA002I

count PVS ENTRIES TO RECOVER ACCORDING TO BREAK POINT CONTROL RECORD

Source: Batch Archive

Explanation: When the process was interrupted to allow external table instance selection, a control record was generated containing the number of table instances. This message displays the total number of table instances so that you can verify that the restart is using the correct file.

Action: No action required.

S6BBA003I

count PVS ENTRIES RECOVERED AFTER BREAK POINT

Source: Batch Archive

Explanation: This message displays the number of table instances that were processed in the restart processing mode.

Action: No action required.

S6BBA004I

count PVS ENTRIES IGNORED AFTER BREAK POINT

Source: Batch Archive

Explanation: This message displays the number of table instances that were removed from the table instance break file during external selection processing.

Action: No action required.

S6BBA005I

count DATA ENTRIES TO RECOVER ACCORDING TO BREAK POINT CONTROL RECORD

Source: Batch Archive

Explanation: When the process was interrupted to allow external table instance selection, a control record was generated containing the number of data page entries. This message displays the total number of data page entries so that you can verify that the restart is using the correct file.

Action: No action required.

S6BBA006I

count DATA ENTRIES RECOVERED AFTER BREAK POINT

Source: Batch Archive

Explanation: This message displays the number of data page entries that were processed in the restart processing mode.

Action: No action required.

S6BBA007I

**count DATA ENTRIES IGNORED AFTER
BREAK POINT**

Source: Batch Archive

Explanation: This message displays the number of data page entries that were ignored because of external table instance selection.

Action: No action required.

S6BBA011I

PASS ONE PROCESSING INITIATED

Source: Batch Archive

Explanation: The first pass (read through) of the archive file was initiated.

Action: No action required.

S6BBA012I

**PASS ONE; count RECORDS READ, count
ACCEPTED, count PROCESSED**

Source: Batch Archive

Explanation: This message specifies the number of archive records read, accepted, and processed. If the archive contains multiple segments, only the correct segment pages are accepted. If the archive contains unrecognizable pages, the processed count may be less than the accepted count.

Action: No action required.

S6BBA013I

PASS TWO PROCESSING INITIATED

Source: Batch Archive

Explanation: The second pass of the archive information occurs only if one or more of the unloaded tables are parameterized. Pass two processing reads through only those pages that pertain to table instances that were saved in the pages file.

Action: No action required.

S6BBA014I

**GIX TABLE COMPRESSION COMPLETE
INPUT=count, OUTPUT=count**

Source: Batch Archive

Explanation: Table instance information is retained for all tables in the archive. Once the required table instance pages are identified, all others are removed. The input count is the total number of table instance pages. The output count is the number that are required.

Action: No action required.

S6BBA015I

**DATA TABLE COMPRESSION COMPLETE
INPUT=count, OUTPUT=count**

Source: Batch Archive

Explanation: When all the tables are processed and it is known which data page contains the required information, all others are eliminated. The input count is the total number of data pages. The output count is the number of data pages that are required.

Action: No action required.

S6BBA016I**TABLE INSTANCE SELECTION BREAK REQUESTED**

Source: Batch Archive

Explanation: The BREAK run time parameter was supplied. Therefore, processing will be interrupted at the end of pass two.

Action: No action required.

S6BBA017I**count DATA CHAIN ENTRIES SAVED AT BREAK POINT**

Source: Batch Archive

Explanation: At the time of the interruption (to externally select table instances), count data page entries were backed up to the BRKDATA file.

Action: No action required.

S6BBA018I**count PVS TABLE ENTRIES SAVED AT BREAK POINT**

Source: Batch Archive

Explanation: At the time of the interruption (to externally select table instances) count table instances were backed up to the BRKPVS file.

Action: No action required.

S6BBA019I**PASS TWO; GROUP INDEX PAGES READ count, count PROCESSED**

Source: Batch Archive

Explanation: The extracted table instance pages are processed. Of the pages read in READ count, count were processed.

Action: No action required.

S6BBA020I**PASS THREE PROCESSING INITIATED**

Source: Batch Archive

Explanation: The third and final pass of the data is initiated. The third pass extracts all required data elements from the archive file.

Action: No action required.

S6BBA021I**PASS THREE; count RECORDS READ, count ACCEPTED, count PROCESSED**

Source: Batch Archive

Explanation: The indicated number of records were read from the archive file. Of the records read, the indicated number were accepted and the indicated number were processed. Note that the actual number of records read may be less than the records read in pass one. This can occur because all requested records were retrieved before the end of the archive was reached.

Action: No action required.

S6BBA022I**tablename count RECORDS UNLOADED**

Source: Batch Archive

Explanation: There were count records unloaded for table tablename.

Action: No action required.

S6BBA023I

**tablename count RECORDS UNLOADED
BEFORE PROCESSING ABORTED**

Source: Batch Archive

Explanation: There were count records unloaded for table tablename. Table tablename did not complete unloading because of an error detected during processing. However, any records unloaded prior to the error are retained in the recovery file.

Action: No action required.

S6BBA050W

**SELECTION RCD count; PARM parm#
NUMERIC DATA INVALID; TABLE
tablename**

Source: Batch Archive

Explanation: The selection record number count for the specified parm# of table tablename contains an invalid numeric. The selection entry is ignored.

Action: Correct the selection card.

S6BBA051W

**SELECTION TABLE NOT FOUND;
SELECTION RECORD IGNORED**

Source: Batch Archive

Explanation: The table specified on the selection is not among the tables to be unloaded. Following this message, the first 80 bytes of the selection record are displayed.

Action: Correct or remove the selection record.

S6BBA052W

**SELECTION TABLE NOT PARAMETERIZED;
SELECTION RECORD IGNORED**

Source: Batch Archive

Explanation: The table specified in the selection record is not parameterized according to the Object Service Broker definition cards. The selection record is ignored. Following this message, the first 80 bytes of the selection record are displayed.

Action: Correct or remove the selection record.

S6BBA053W

**TOO MANY TABLES TO PROCESS; RECORD
IGNORED**

Source: Batch Archive

Explanation: More tables were detected in the Object Service Broker definition cards than the program was prepared to handle based on the table count in the first control card. The rejected control card is displayed after this message.

Action: Divide the tables to be unloaded into smaller groups.

S6BBA054W

**PROCESSING TERMINATED FOR TABLE
tablename**

Source: Batch Archive

Explanation: The specified table is ignored for the remainder of the run because an error was detected.

Action: Refer to the previous message in the audit trail to determine what the error was.

S6BBA055W

**ACTUAL LENGTH (len) GREATER THAN
DEFINED LENGTH (len) ON FIELD fieldname**

Source: Batch Archive

Explanation: The actual length of a field value from the archive file is greater than the length of the field according to the Object Service Broker definition control cards.

Action: Verify that your definition is appropriate for the time when the archive was created.

S6BBA056W

**MORE FIELDS DEFINED IN DATA
OCCURRENCE THAN VIA DEFINITION
CONTROL CARDS**

Source: Batch Archive

Explanation: The number of fields in an archive file occurrence is greater than the number of the fields according to the Object Service Broker definition control cards.

Action: Verify that your definition is appropriate for the time when the archive was created.

S6BBA057W

**NULL-EQUIVALENT VALUE SPECIFIED IS
IGNORED**

Source: Batch Archive

Explanation: Columns 64-79 are valid for packed decimal and binary fields only.

Action: Columns 64-79 on this line are ignored.

S6BBA058E

EXEC-PARMS HIX/GIX/PVS INCORRECT

Source: Batch Archive

Explanation: The Table Control File Entry being processed indicates that it is a parameterized table. The EXEC-PARMS which request resource allocation to process such tables are HIX, GIX and PVS. These PARMS indicate that no parameterized tables are to be processed (each PARM is set to zero).

Note: If parameterized table(s) are to be recovered, all three of the above mentioned PARMS must be nonzero.

Action: Either remove the HIX, GIX and PVS EXEC-PARMS altogether (request the defaults) or assign a percentage to each PARM. Resubmit the request after correcting the PARMS.

S6BBA100E

**SPACE NOT AVAILABLE TO RETAIN
INFORMATION FOR XX-30-XX**

Source: Batch Archive

Explanation: GETMAIN failed to retrieve memory space to retain internal processing tables. XX-30-XX is one of the following:

- DATA PAGE
- PRIMARY INDEX PAGE
- GROUP INDEX PAGE
- UPPER GROUP INDEX PAGE
- TABLE INSTANCES
- CONTROL CARD TABLE
- TABLE INSTANCE SELECTION
- LAYOUT OF tablename

Abend code 201 is issued.

Action: Check the message log and storage limits.

S6BBA101E**FILE OPEN ERROR; XX-40-XX****Source:** Batch Archive**Explanation:** During the attempt to open the file named in the message, an open error was detected. XX-40-XX is one of the following:

- I - SEQUENTIAL ARCHIVE (ARCHIVE) 202,204
- I - VSAM ARCHIVE (ARCHIVE) 202,204
- I - CONTROL CARDS (CNTRL) 201
- I - TABLE INSTANCE SAVE (CONTPVS) 201
- I - DATA SAVE (CONTDATA) 201
- I - GROUP INDEX CAPTURE (PAGES) 203
- O - RECOVERY FILE (RECOVER) 200
- O - GROUP INDEX CAPTURE (PAGES) 202
- O - DATA SAVE (BRKDATA) 203
- O - TABLE INSTANCE SAVE (BRKPVS) 203
- O - PRE-SORT WORK FILE (WORK) 204

The "I -" and "O -" represent open for input or output respectively. The abend codes issued are 201 to 204 as listed above.

Action: Refer to the job log for more details.**S6BBA102E****TABLE OVERFLOW DETECTED FOR XX-20-XX****Source:** Batch Archive**Explanation:** The named internal table overflowed. XX-20-XX is one of the following:

- PRIMARY INDEX
- DATA PAGE

- UPPER GROUP INDEX
- GROUP INDEX

Abend code 202 is issued.

Action: Increase the number of pages, or redistribute the page concentrations by using the run time parameters.**S6BBA103E****RESTART ERROR DETECTED; CONTROL RECORD FOR PVS NOT FOUND****Source:** Batch Archive**Explanation:** When the BRKPVS file was generated in pass 2 to allow external table instance selection, a control record was generated to indicate the number of entries. When the restart initialization processing retrieved the table instances file, the control entry was not the first record. Abend code 201 is issued.**Action:** Correct the CONTPVS file.**S6BBA104E****RUN TIME PARAMETER IS NOT RECOGNIZED - run_time_parm****Source:** Batch Archive**Explanation:** The indicated run time parameter is not recognized. Abend code 201 is issued.**Action:** Check the spelling of the parameter.

S6BBA105E

VALUE value OUT OF RANGE (range TO range) FOR PARAMETER - parm

Source: Batch Archive

Explanation: The run time parameter parm contains a value that is outside the range specified in the error message. Abend code 201 is issued.

Action: Correct the run time parameter.

S6BBA106E

CONTROL CARD HAS AN INVALID TYPE CODE (COLUMN 7)

Source: Batch Archive

Explanation: The control card type is not recognized. Refer to the card image that follows this message in the audit trail. Abend code 201 is issued.

Action: Correct the control card.

S6BBA107E

RESTART ERROR DETECTED; CONTROL TABLE NOT FOUND FOR TABLE - tablename

Source: Batch Archive

Explanation: The specified table cannot be found in the table definition which is based on the control cards. Abend code 201 is issued.

Action: Ensure that the restart files (CONTPVS and CONTDATA) are the appropriate files for the control card file supplied.

S6BBA108E

RESTART ERROR DETECTED; CONTROL RECORD FOR DATA NOT FOUND

Source: Batch Archive

Explanation: When the BRKDATA file was generated in pass 2 (to allow external table instance selection), a control record was generated to indicate the number of entries. When the restart initialization processing retrieved the data occurrence file, the control entry was not the first record. Abend code 201 is issued.

Action: Correct the CONTDATA file.

S6BBA109E

TABLE COUNT CONTROL RECORD (TYPE "*" - COLUMN 7) NOT FOUND

Source: Batch Archive

Explanation: The first card expected in the control card file is the table count card. During the processing of the control card file, the table count card was not found. Abend code 201 is issued.

Action: Correct the control card file.

S6BBA110E

TABLE INSTANCE PVS SELECTION CONTROL CARD NOT FOUND

Source: Batch Archive

Explanation: The record in the table instance selection file must be a control record specifying the number of entries. This control record was not found. Abend code 201 is issued.

Action: Correct the table instance selection file.

S6BBA111E**INPUT SELECTION RECORDS NOT SORTED BY TABLE NAME****Source:** Batch Archive**Explanation:** The table instance selection was not presorted into table name sequence. Abend code 201 is issued.**Action:** Sort the selection file by table name and rerun S6BBRULA.**S6BBA112E****PARM/FIELD SEQUENCE ERROR DETECTED; TABLE NUMBER NOT EQUAL TO PREVIOUS TABLE CARD****Source:** Batch Archive**Explanation:** The sequence of the parameter or field definition cards is in error. Abend code 201 is issued.**Action:** Correct either the card sequence numbers or sort the control cards again.**S6BBA113E****ERROR DETECTED WHEN DETERMINING ARCHIVE FILE FORMAT****Source:** Batch Archive**Explanation:** When attempting to determine the organization of the input archive file (sequential or VSAM), RDJFCB failed. Abend code 202 or 204 is issued.**Action:** Refer to the job log for further information.**S6BBA114E****RESIDENT TABLE INDEX ENTRY NOT FOUND FOR TABLE - tablename****Source:** Batch Archive**Explanation:** The specified table cannot be found in the resident table index. Abend code 202 is issued.**Action:** Verify the following:

- The spelling of the table name in the control cards
- The segment number in the run time parameters
- The archive file used.

S6BBA115E**ARCHIVE CONTAINS WRONG SEGMENT FOR TABLE - tablename****Source:** Batch Archive**Explanation:** The specified table resides on a segment other than the one being processed. Abend code 201 is issued.**Action:** Check the segment number in the run time parameters, and verify that you have the appropriate archive file.**S6BBA116E****PAGE NUMBER (page#) NOT FOUND, INPUT PARM % INCORRECT****Source:** Batch Archive**Explanation:** One of the following has occurred:

- The specified page number is part of the named table's tree, but that page is not on the archive file.
- GIX/PVS run time parameter is specified as 0 and the table is parameterized.

Action: Take the following actions:

- For item 1, check that you have a complete archive and/or run the archive pointer validation process (S6BBRPTR).
- For item 2, if the table is parameterized verify that the GIX and PVS values are entered correctly. Refer to the documentation for the default values.

S6BBA117E

ARCHIVE UNLOAD PROCESSING TERMINATED BECAUSE OF ERROR

Source: Batch Archive

Explanation: All the tables to be unloaded were eliminated because of errors. Abend code 203 or 204 is issued.

Action: Correct the errors detected for each table and rerun S6BBRULA.

S6BBA118E

TABLE NUMBER CONTAINS NONNUMERIC CHARACTERS

Source: Batch Archive

Explanation: The table number (columns 3-5) on a T, P, F or R type of card contains an invalid numeric character. Leading zeros are required.

Action: Processing is terminated. The card image is displayed after the message.

S6BBA119E

PARAM/FIELD LENGTH CONTAINS NONNUMERIC CHARACTERS

Source: Batch Archive

Explanation: The length (columns 50-52) entered on a parameter or field definition card contains an invalid numeric character. Leading zeros are required.

Action: Processing is terminated. The card image is displayed after the message.

S6BBA120E

DECIMAL POSITION CONTAINS NONNUMERIC CHARACTERS

Source: Batch Archive

Explanation: The decimal position (columns 54-56) entered on a parameter or field definition card contains an invalid numeric character. Leading zeros are required.

Action: Processing is terminated. The card image is displayed after the message.

S6BBA121E

OUTPUT OFFSET/RECORD LENGTH NOT NUMERIC

Source: Batch Archive

Explanation: The output offset (columns 60-63) entered on a parameter or field definition card contains an invalid numeric character. When you enter the offset, remember that leading zeros are required. If calculated offsets are desired, the field must be blank.

Action: Processing is terminated. The card image is displayed after the message.

S6BBA122E**FIELD COUNT CONTAINS NONNUMERIC CHARACTERS****Source:** Batch Archive**Explanation:** The field count (columns 54-56) entered on the table header card contains an invalid numeric character. Leading zeros are required.**Action:** Processing is terminated. The card image is displayed after the message.**S6BBA123E****PARAMETER COUNT CONTAINS NONNUMERIC CHARACTERS****Source:** Batch Archive**Explanation:** The parameter count (columns 50-52) entered on the table header definition card contains an invalid numeric character. Leading zeros are required.**Action:** Processing is terminated. The card image is displayed after the message.**S6BBA124E****MEMORY REQUIREMENT CALCULATION ERROR DETECTED****Source:** Batch Archive**Explanation:** When calculating the internal memory requirements (which are based on a percentage of the total anticipated pages), the total number of pages was found to be zero. Check the specification of the PAGES execution parameter.**Action:** Processing is terminated.**S6BBA125E****TABLE NUMBER IS OUT OF SEQUENCE OR INVALID****Source:** Batch Archive**Explanation:** The table number (columns 3-5) is either out of sequence, or the first table number is not 000.**Action:** Processing is terminated. Do the following:

- Ensure that the table numbers start at 000.
- Ensure that the control cards are properly organized.
- For each table to be unloaded, cards must appear in the following sequence:
 1. One T card
 2. Zero to four P cards
 3. One to n F cards
 4. One R card.

S6BBA126E**tablename END RECORD CONTROL RECORD MISSING****Source:** Batch Archive**Explanation:** When validating table definitions after the control card file was exhausted, S6BBRULA determined that the R end of table block record was not received for the indicated table. Either the R card was omitted, or it is not positioned correctly in the control card file.**Action:** Processing is terminated. Correct the control card file.

S6BBA127E**tablename PARAMETERS DEFINITION INVALID****Source:** Batch Archive**Explanation:** The number of parameters specified in the header for the indicated table is invalid, or the parameter definition information is incomplete.**Action:** Processing is terminated. Correct the parameters.**S6BBA128E****tablename FIELDS DEFINITION INVALID****Source:** Batch Archive**Explanation:** The number of fields specified in the header for the indicated table is invalid, or the field definition information is incomplete.**Action:** Processing is terminated. Correct the field number or definitions.**S6BBA129E****tablename END RECORD LENGTH INVALID****Source:** Batch Archive**Explanation:** The text length specified in the end of table block (R type) record does not agree with the total length of the defined parameters and fields for the table indicated in the message.**Action:** Processing is terminated. Correct the length specified in the R record.**S6BBA130E****NUMBER OF TABLES TO UNLOAD IS NOT NUMERIC****Source:** Batch Archive**Explanation:** The number of tables (columns 60 to 63) specified in the table control card (type = "*") contains an invalid numeric character. Leading zeros must be specified.**Action:** Processing is terminated. Correct the number of tables.**S6BBA131E****HIX/GIX/PVS CONSISTENCY ERROR DETECTED****Source:** Batch Archive**Explanation:** The run time parameters HIX, GIX, and PVS have been entered to override the default page type percentage estimates. One or more of the parameters contains a zero and the remainder are nonzero.**Action:** Processing is terminated. If the table or tables you are unloading do not contain any parameters, set all three to zero. If parameters are present, all three must contain positive nonzero values.**S6BBA132E****TABLE SPECIFIED NO PARMS, BUT PARMS DEFINED****Source:** Batch Archive**Explanation:** Conflicting specifications for parameterized tables.**Action:** Processing is terminated with ABEND 201. Check the specifications. Make sure that tables are correctly defined.

S6BBA133W**NULL-EQUIVALENT VALUE FOUND IN TABLE ROW FIELD:****Source:** Batch Archive

Explanation: A null equivalent value was found in the table. This value is the value you selected to represent a null in the unloaded file. Obviously, should you wish to load this data to an Object Service Broker database, the LOAD utility will be unable to distinguish between this value and an actual null-equivalent value. This field would be loaded as a null value.

Action: It is advisable to discard the output from this UNLOAD, choose a unique null-equivalent value and rerun.

S6BBA134W**NULL FOUND IN "NOVALUE" (NO NULL ALLOWED) FIELD:****Source:** Batch Archive

Explanation: A field described by the control data set as a NOVALUE or "no nulls permitted" field has a null value. It will be unloaded as zero.

Action: Determine whether this field should have been described as NOVALUE, discard the output from this run, and try again with the correct control specifications.

S6BBA135E**NULL-EQUIVALENT VALUE SPECIFIED IS INVALID****Source:** Batch Archive

Explanation: Columns 64-79 are invalid. If the value entered is one of the acceptable codes (LOWVALUE, HIGHVALUE, or NOVALUE), it is probably misspelled; otherwise, it should be numeric.

Action: Check and correct.

S6BBA137E**WARNING LIMIT EXCEEDED****Source:** Batch Archive

Explanation: Null Equivalent related warnings indicate that the control data set may be incorrect.

Action: Check and correct the warnings received prior to this message and try again.

S6BBA140E**INVALID LRECL - SELECTION****Source:** Batch Archive

Explanation: The selection data set LRECL is incorrect.

Action: Check the documentation and correct the JCL.

S6BBA141E**INVALID LRECL - ARCHIVE/SAVE/WORK****Source:** Batch Archive

Explanation: At least one of the DDNAMES mentioned has incorrect LRECL.

Action: Check the documentation and correct the JCL.

S6BBA142E**INVALID LRECL - CONTROL**

Source: Batch Archive

Explanation: The CONTROL data set must be RECFM F or FB; LRECL 80.

Action: Correct and retry.

S6BBA143E**ARCHIVE RECORD EXCEEDS MAXIMUM LENGTH**

Source: Batch Archive

Explanation: The data set supplied does not appear to be an archive.

Action: Check and if JCL is correct, contact TIBCO Support.

S6BBA144E**SYNTAX/SEMANTIC TYPE COMBINATION NOT SUPPORTED**

Source: Batch Archive

Explanation: The semantic type and syntax code combination on the identified definition card is not supported.

Action: Correct the definition cards and resubmit the job.

S6BBA145E**UNICODE FIELD LENGTH MUST BE EVEN (DIVISIBLE BY 2)**

Source: Batch Archive

Explanation: The identified definition card contains a field with Unicode syntax whose length is not even. This is not supported.

Action: Correct the definition card and resubmit the job.

S6BBA146E**UNICODE PARAMETERS ARE NOT SUPPORTED**

Source: Batch Archive

Explanation: Unicode syntax is not support for a parameter field.

Action: Correct the definition cards and run the job again.

S6BBA255E**AUDIT TRAIL FILE (PRINTER) FAILED TO OPEN**

Source: Batch Archive

Explanation: The audit trail file would not open for output.

Action: See the job log for additional information.

BC: Various Offline Utilities

S6BBC001E

TABLE ENTRY CANNOT BE LOCATED ON CONTROL PAGE

Source: Various Offline Utilities

Explanation: The table name specified in the PSTABLE parameter was greater than all the tables on the system.

Action: Check the table name specified in the PSTABLE parameter.

S6BBC002E

TABLE ENTRY CANNOT BE FOUND IN RTIX

Source: Various Offline Utilities

Explanation: The table specified in the PSTABLE parameter cannot be located in the Resident Table Index.

Action: Check the table name specified in the PSTABLE parameter.

S6BBC007E

TABLE POINTERS INVALID - CLEAR NOT POSSIBLE

Source: Various Offline Utilities

Explanation: The physical pointers in the table indicated are not in a valid format; the CLEAR cannot navigate the table structure.

Action: Contact TIBCO Support.

S6BBC101E

ERROR LOG FILE HEADER NOT IN EXPECTED FORMAT

Source: Various Offline Utilities

Explanation: S6BBRPGC - ERRORLOG file incorrect format.

Action: S6BBRPGC requires an ERRORLOG file created by S6BBRPTR. Check your JCL to ensure the file is correctly specified. S6BBRPGC must be run immediately after the S6BBRPTR which created the ERRORLOG and before any activity on the segment.

S6BBC102E

SEGMENT NUMBER IN ERROR LOG HEADER IS TOO LONG

Source: Various Offline Utilities

Explanation: S6BBRPGC - ERRORLOG file possible incorrect format. The segment number recorded on the file is incorrect.

Action: S6BBRPGC requires an ERRORLOG file created by S6BBRPTR. Check your JCL to ensure file is correctly specified. S6BBRPGC must be run immediately after the HRNBRPTR which created the ERRORLOG and before any activity on the segment.

S6BBC103E**ERROR LOG IS NOT FOR ACTIVE SEGMENT****Source:** Various Offline Utilities**Explanation:** S6BBRPGC - ERRORLOG file segment number and segment number requested in the PARMS are not the same. S6BBRPGC must be run immediately after the S6BBRPTR which created the ERRORLOG and before any activity on the segment.**Action:** Correct your JCL and try again.**S6BBC104E****INVALID PAGE NUMBER REQUESTED:
XXXXXXXX****Source:** Various Offline Utilities**Explanation:** S6BBRPGC - ERRORLOG file contains an Error page pointer which appears to be invalid.**Action:** The ERRORLOG file must be current. Check that you are not running an old ERRORLOG against your segment, as this can have serious consequences. S6BBRPGC must be run immediately after the S6BBRPTR which created the ERRORLOG and before any activity on the segment.**S6BBC105E****TABLE ENTRY CANNOT BE LOCATED ON
CONTROL PAGE****Source:** Various Offline Utilities**Explanation:** There are certain page types in the database which are critical. If these page types are freed it could affect the segment to the extent that it becomes unusable or that

the path to tables is lost. These page types include: "0" data set control page; "1" RTIX Index; "R" RTIX; as well as reserved system pages.

Action: If the request in the ERRLOG was generated by S6BBRPTR, contact TIBCO Support for assistance. This problem should NOT occur; the segment from which the archive was taken could be seriously damaged. If the request was built manually, the reason for attempting this activity should be discussed with TIBCO Support before any further action is taken.**S6BBC106E****PAGE TYPE CANNOT BE MODIFIED****Source:** Various Offline Utilities**Explanation:** There are certain page types in the database which are critical. If these page types are modified it could affect the segment to the extent that it becomes unusable or that the path to tables is lost. These page types include: "0" data set control page; "1" RTIX Index; "R" RTIX; as well as reserved system pages.**Action:** If the request in the ERRLOG was generated by S6BBRPTR, contact TIBCO Support for assistance. This problem should NOT occur; the segment from which the archive was taken could be seriously damaged. If the request was built manually, the reason for attempting this activity should be discussed with TIBCO Support before any further action is taken.

S6BBC107I**ERRLOG WAS CREATED****Source:** Various Offline Utilities**Explanation:** This line indicates when the hrnbrptr that created this ERRLOG file was run**Action:** No action required**S6BBC108E****NO SEGMENT-TIMESTAMP FOUND****Source:** Various Offline Utilities**Explanation:** hrnbrptr which creates the ERRLOG used as input for this request selects a timestamp from one of the pages in the segment processed. hrnbrpgc then checks the timestamp against that in the same page on the target segment, if there is no timestamp in the ERRLOG then this error occurs and the request is aborted. This probably means that the ERRLOG was created by a previous (old) version of hrnbrptr, it could also mean that this orphan recovery is being run against the wrong version of the target segment.**Action:** If this version of the segment is in doubt then rerun hrnbrptr to create a new ERRLOG and try again. If after an investigation you wish to force hrnbrpgc to use the invalid ERRLOG then follow the instructions outlined in the product documentation.
NOTE: This is a high-risk decision and should not be made lightly, the audit report will indicate that you made this choice**S6BBC109E****TIMESTAMP MISMATCH****Source:** Various Offline Utilities**Explanation:** The hrnbrptr that created the ERRLOG used as input for this request selects a timestamp from one of the pages in the segment processed. hrnbrpgc then checks the timestamp against that in the same page on the target segment. If the timestamps do not match, this error occurs and the request is aborted. The failure to match could mean that this orphan recovery is being run against the wrong version of the target segment.**Action:** If this version of the segment is in doubt, rerun hrnbrptr to create a new ERRLOG and try again or run orphan recovery against the correct segment version.

If after an investigation you want to force hrnbrpgc to use the invalid ERRLOG, follow the instructions outlined in the product documentation.

NOTE: This is a high-risk decision and should not be made lightly, the audit report will indicate that you made this choice.**S6BBC201E****Unsupported Data Type on Control File****Source:** Various Offline Utilities**Explanation:** Control File Record I/R column 48 must be either blank or H.**Action:** Correct the Control File and try again.

S6BBC202E**Translation cannot be done****Source:** Various Offline Utilities**Explanation:** The utility is unable to gain access to the translation objects required to do translation.**Action:** The translation objects must be available to the utility at run time. Ensure that the translation objects are available by including them in:

- z/OS - Load library search path
- Windows - PATH
- Solaris - Shared Library path

Refer to the Utilities manual for your operating system for more information.

S6BBC203E**Insufficient Memory available****Source:** Various Offline Utilities**Explanation:** Insufficient memory available to do the necessary processing.**Action:** Increase the amount of memory available.**S6BBC204I****No translation requested****Source:** Various Offline Utilities**Explanation:** Input code page equals output code page, so no translation is required.**Action:** No action required.**S6BBC205I****Translation requested****Source:** Various Offline Utilities**Explanation:** Indicates that the utility has determined that translation is required. Translation is required if both of the following conditions are true:

- Input code page and output code page are different
- At least one character-file-field to character-table-field is specified in the Control File

Action: No action is required.**S6BBC206I****Input Code Page will still be tested for validity****Source:** Various Offline Utilities**Explanation:** No translation is required but the code page(s) specified are still checked to ensure they are supported.**Action:** No action required.**S6BBC207E****Total Records Processed****Source:** Various Offline Utilities**Explanation:** Displays the number of records read from the Input file.**Action:** No action required.

S6BBC208I

No data requiring translation in file definition

Source: Various Offline Utilities

Explanation: Indicates that the utility has determined that translation is not required. No character-file-field to character-table-field is specified in the Control File.

Action: No action required.

S6BBC209E

Reserved Table Name, cannot be translated

Source: Various Offline Utilities

Explanation: The table name specified in the Control File is an Object Service Broker system table; these tables should not be translated.

Action: The utility will not translate this table. Refer to the Utilities documentation for your operating system for more information.

S6BBC216E

Record shorter than minimum length

Source: Various Offline Utilities

Explanation: The input record read is shorter than the minimum size according to the file definition in the Control File.

Action: Make sure your input file is completely defined in the Control File and try again. Also check that the Control File specified is the correct one for the file being processed.

S6BBC217W

Input record length exceeds hrnbrtbl capability

Source: Various Offline Utilities

Explanation: The record size of the input file is larger than is acceptable to hrnbrtbl (offline batch load); therefore, neither the input file nor the output file will be accepted as input to hrnbrtbl.

Action: Warning only. The input file record size indicates it is probably not an unloaded Object Service Broker table. If it is, redo the unload and specify a record size closer to the maximum size of an Object Service Broker row. Refer to the Utilities documentation for your operating system for more information.

S6BBC219W

Invalid Data - No Sequence Check on This Record

Source: Various Offline Utilities

Explanation: Invalid data has been encountered on the input file; the format does not match the file-definition on the Control File. The data in error is ignored and no sequence checking is performed on the error record.

Action: Check that the Control File specified is for the file being translated. If it is, then there is invalid data on the file. If the file is loaded using hrnbrtbl this record will be ignored.

S6BBC220W

***** File is not in correct sequence for hrnbrtbl

Source: Various Offline Utilities

Explanation: The file is not in the correct sequence for hrnbrtbl. If you attempt to load this file using hrnbrtbl, the load may abort due to bad sequence.

Action: Before attempting to load using hrnbrtbl, sort the file into the correct sequence:
PARM1...PARMn, PRIMARY
KEY1...PRIMARY KEYn.

S6BBC221W

Static values will not be translated

Source: Various Offline Utilities

Explanation: The Control File shows that Static Values exist for this file/table. These are constant values which are inserted into every instance of the specified table field.

Action: You must ensure that Static Values on the Control File are correctly encoded to match the code page of the table data once loaded. Make sure when modifying the Control File manually that you do not inadvertently change the encoding of other Control File information. Any changes to Static Values must be done prior to attempting the load (hrnbrtbl).

S6BBC222I

Table field has no source file field

Source: Various Offline Utilities

Explanation: The utility has detected that a table field has no source file field defined. This is not an error; the table field will be set to NULL for each instance by the load (hrnbrtbl).

Action: No action required.

S6BBC223W

File is not in correct sequence

Source: Various Offline Utilities

Explanation: After translation the utility has detected that the file is no longer in the sequence required by the load (hrnbrtbl).

Action: The file must be sorted prior to attempting a load (hrnbrtbl). Refer to the Utilities documentation for your operating system for more information.

S6BBC224I

Records Translated

Source: Various Offline Utilities

Explanation: Shows the total number of records which were checked to see whether translation was necessary.

Action: No action required.

S6BBC225I

Records Copied

Source: Various Offline Utilities

Explanation: Shows the total number of records copied.

Action: No action required.

S6BBC226I**Values Changed**

Source: Various Offline Utilities

Explanation: Shows the number of field values changed.

Action: No action required.

S6BBC227I**Records Changed**

Source: Various Offline Utilities

Explanation: Shows the number of records changed by translation.

Action: No action required.

S6BBC228W**Out of Sequence Records**

Source: Various Offline Utilities

Explanation: Shows the total number of records which are not in the correct sequence.

Action: Refer to message S6BBC220W.

S6BBC229E**Too Many Invalid Data Errors - process aborted**

Source: Various Offline Utilities

Explanation: The utility has a limit on the number of invalid data error records it will ignore.

Action: This error normally indicates that the Control File does not correctly describe the file. You must correct this situation before the file can be processed by this utility.

S6BBC230E**INFILE and OUTFILE or INPLACE required**

Source: Various Offline Utilities

Explanation: z/OS only: You must specify an input and an output DD statement or an input/output DD statement.

Action: Correct your request and try again.

S6BBC231E**RECFM not compatible/invalid**

Source: Various Offline Utilities

Explanation: z/OS only: Either the RECFM specified for OUTFILE is not compatible with INFILE (they must both be fixed or both be variable); or the RECFM specified for INPLACE is neither fixed nor variable.

Action: Correct your request and try again.

S6BBC232E**LRECL not compatible**

Source: Various Offline Utilities

Explanation: z/OS only: The LRECL of the OUTFILE is smaller than that of the INFILE.

Action: Correct your request and try again.

S6BBC233I**IN-PLACE translation not required**

Source: Various Offline Utilities

Explanation: z/OS only: The request does not require any translation and INPLACE processing is requested (copy file to itself). Request is denied.

Action: Check your request.

S6BBC234W

**** PLEASE CHECK INPUT FILE FORMAT SPECIFICATIONS ****

Source: Various Offline Utilities

Explanation: Refer to the explanation for S6BSV954W.

Action: Ensure that the input file is described correctly both in the Control File (-C) and on the command line (-m). If the requested process completed successfully, check that the format is specified correctly before using the translated file.

S6BBC255E

AUDIT TRAIL FILE (PRINTER) FAILED TO OPEN

Source: Various Offline Utilities

Explanation: The audit trail file would not open for output.

Action: See the job log for additional information.

S6BBC801E

ARCHIVE PARM REQUIRED (SEG)

Source: Various Offline Utilities

Explanation: The SEG parameter is required for ARCHIVE requests.

Action: Include the SEG parameter in your request and try again.

S6BBC802E

UNKNOWN PARM

Source: Various Offline Utilities

Explanation: An unrecognized parameter is used in your request.

Action: Check and correct your parameters and try again.

S6BBC803E

SEG PARM INVALID

Source: Various Offline Utilities

Explanation: The SEG parameter value provided is invalid; it must be the segment number.

Action: Check and correct the SEG parameter and try again.

S6BBC804E

ARCHIVE SIZE PARM INVALID

Source: Various Offline Utilities

Explanation: The BYTES parameter supplied has an invalid value.

Action: This parameter is optional but if supplied it must be a valid number. Remove or correct and try again.

S6BBC806E

INPUT FILE OPEN ERROR

Source: Various Offline Utilities

Explanation: The utility could not open the specified input data set.

Action: Correct and try again.

S6BBC807E**INPUT RECFM UNACCEPTABLE****Source:** Various Offline Utilities**Explanation:** The input data set RECFM is not acceptable for the TYPE of reformat requested.**Action:** Check the documentation.**S6BBC808W****INPUT FILE EMPTY****Source:** Various Offline Utilities**Explanation:** The input data set contains no data.**Action:** Check that you have specified the correct DSN.**S6BBC809E****OUTPUT RECFM INVALID****Source:** Various Offline Utilities**Explanation:** The RECFM specified is not acceptable to the reformat TYPE requested.**Action:** Check the documentation.**S6BBC810E****OUTPUT ARCHIVE LRECL INVALID****Source:** Various Offline Utilities**Explanation:** The LRECL specified is invalid.**Action:** Check the documentation.**S6BBC811E****MEMORY NOT AVAILABLE****Source:** Various Offline Utilities**Explanation:** The utility needs to acquire approximately 100 KB of memory storage for buffers to do the requested reformat. The memory is not available.**Action:** Increase REGION size and try again.**S6BBC812E****INVALID SEGMENT NUMBER****Source:** Various Offline Utilities**Explanation:** The segment number in the input data set data does not match that specified in the SEG parameter.**Action:** The utility attempts to continue processing using the segment number found in the data as the actual SEG. If the job finishes successfully, no action is required; however, if other errors occur, refer to the actions for those error(s).**S6BBC814E****OUTPUT FILE OPEN ERROR****Source:** Various Offline Utilities**Explanation:** The Output data set could not be opened.**Action:** Correct and try again.

S6BBC815I**INVALID PAGE TYPE**

Source: Various Offline Utilities

Explanation: In the field position that should contain the page type, the utility discovered an illegal value.

Action: This message is provided for information only. It is possible that an archive could contain corrupted data, and if hrnbrptr was not run against the archive prior to porting, this corruption could go undetected. If this job finishes successfully, run S6BBRPTR prior to using the output data set as a z/OS Archive.

S6BBC816W**FILE SIZE PROVIDED DIFFERS FROM SIZE REFORMATTED**

Source: Various Offline Utilities

Explanation: The file size specified in the optional parameter BYTES does not match the actual size of the input data read. This can be because the BYTES value was incorrect or you ported the archive from Windows or Solaris into an FB rather than a VB data set. An FB LRECL could result in padding of the last record.

Action: No action is required.

S6BBC817W**# PAGES PROVIDED DIFFERS FROM # PAGES REFORMATTED**

Source: Various Offline Utilities

Explanation: The number of pages counted during reformatting differs from the number provided in the PAGES parameter; the number provided is wrong.

Action: Check back to the original archive on Windows or Solaris; if the discrepancy cannot be explained, contact TIBCO Support.

S6BBC818E**BAD PAGE # SEQUENCE**

Source: Various Offline Utilities

Explanation: The input data set does not contain a single segment archive.

Action: Do the following:

- Make sure hrnbrptr is run on the archive prior to porting to z/OS.
- Make sure the archive contains only one segment and try again.

S6BBC819W**ARCHIVE CONTAINS TAGGED PAGE TYPES**

Source: Various Offline Utilities

Explanation: Data Object Broker failures can leave pages in an indeterminate state; the utility has found such pages. Database corruption should be fixed prior to porting, but may be done on z/OS after reformatting.

Action: If the request finishes successfully, make sure you run S6BBRPTR against the output file before using it as an archive.

S6BBC820E**CONFLICTING PARMS**

Source: Various Offline Utilities

Explanation: The parameter(s) entered do not match the REFORMAT type.

Action: Check the documentation and try again.

S6BBC822E**NO PARMS PROVIDED**

Source: Various Offline Utilities

Explanation: Each request requires at least 1 parameter.

Action: Refer to the documentation and try again.

S6BBC823E**UNKNOWN REQUEST**

Source: Various Offline Utilities

Explanation: The reformat type requested is unknown.

Action: Correct and try again.

S6BBC826E**FORMAT ERROR - INPUT**

Source: Various Offline Utilities

Explanation: The input data set format is invalid.

Action: For PARM='REFORMAT=MVSLOAD' requests, the data set must be in Object Service Broker data format (DSBIFTYPE) and must have been FTPed in binary mode from Windows or Solaris.

For PARM='REFORMAT=OFFLINE' requests, the data set must have been created on Windows or Solaris using one of the offline unload utilities (hrnbrulb, hnrbrulh,

or hnrbrula). It must also have been FTPed to z/OS in binary mode.

For PARM='REFORMAT=NOBDW' requests, the data set must have been originally created (on z/OS) as VB. When the data set was FTPed to Windows or Solaris, it must have been in binary mode with RDW enabled. When FTPed from Windows or Solaris to z/OS, it must have been in binary mode.

S6BBC827E**OUTPUT RECORD LRECL BIGGER THAN FILE LRECL**

Source: Various Offline Utilities

Explanation: The output record created is too large for the maximum LRECL you specified for the output data set.

Action: Check the documentation, correct, and try again.

S6BBC832W**END OF LAST RECORD IGNORED, PLEASE CHECK**

Source: Various Offline Utilities

Explanation: This indicates that there was data left after end of file and after building the last reformatted record. This could happen if the input (ported) data set is RECFM=FB (rather than VB) and the last record is padded to its full LRECL.

Action: The data does not appear to be padding so check the output carefully for completeness before using.

S6BBC833W**END OF LAST RECORD IGNORED,
PADDING ASSUMED**

Source: Various Offline Utilities

Explanation: This indicates that there was data left after end of file and after building the last reformatted record. This could happen if the input (ported) data set is RECFM=FB (rather than VB) and the last record is padded to its full LRECL.

Action: The data appears to be padding, but check the output data set for completeness before using it.

S6BBC834I**IGNORED BYTES**

Source: Various Offline Utilities

Explanation: This information accompanies messages S6BBC832W and S6BBC833W and shows the number of bytes ignored at the end of the input data set.

Action: No action required.

S6BBC904E**NO TABLE OF TABLES ENTRY ON
METASTOR**

Source: Various Offline Utilities

Explanation: There is no ACCESSLOG entry in the list of existing tables.

Action: The MetaStor must be installed prior to running this utility. If this has been done, contact TIBCO Support.

S6BBC905E**TABLE OF TABLES ENTRY SEGMENT #
ERROR**

Source: Various Offline Utilities

Explanation: The TABLES table has a field, SEGMENT#, that should contain the segment number of the segment that contains ACCESSLOG's data. This utility does not accept a NULL value in this field.

Action: Correct the SEGMENT# field in ACCESSLOG's TABLES entry.

S6BBC906E**ACCESSLOG ALREADY ON TARGET
SEGMENT**

Source: Various Offline Utilities

Explanation: ACCESSLOG is already located on the segment you indicated as the target.

Action: No action required.

S6BBC907E**ACCESSLOG NOT ON METASTOR**

Source: Various Offline Utilities

Explanation: The ACCESSLOG data segment must be the MetaStor. This utility does not install ACCESSLOG from segments other than the MetaStor.

Action: You cannot use this utility to move the ACCESSLOG from any segment other than the MetaStor.

S6BBC908E**LOG MUST BE PURGED FIRST****Source:** Various Offline Utilities**Explanation:** This utility will not install the ACCESSLOG until all data has been purged and archived.**Action:** Purge/Archive the ACCESSLOG as per the documentation and run this utility immediately following.**S6BBC910I****SEARCH METASTOR FOR ACCESSLOG****Source:** Various Offline Utilities**Explanation:** Informational message only: the utility has started its search of the MetaStor table index for the ACCESSLOG entry.**Action:** No action is required.**S6BBC911I****CHECKING METASTOR POINTERS****Source:** Various Offline Utilities**Explanation:** Informational message only: the ACCESSLOG entry has been found in the MetaStor table index and its pointers are about to be checked to ensure that the data portion of the table is located on the MetaStor.**Action:** No action is necessary.**S6BBC912I****INSTALLATION COMMENCED - TARGET SEGMENT****Source:** Various Offline Utilities**Explanation:** Informational message only: indicates that the target segment is about to be modified. If a failure occurs at this time you must assume that the target segment is unusable until restored from an archive.**Action:** No action required.**S6BBC913I****INSTALLATION COMPLETED - TARGET SEGMENT****Source:** Various Offline Utilities**Explanation:** Informational message only: indicates that the necessary changes have been made to the target segment to create an ACCESSLOG data allocation. If a failure occurs at this stage the target segment must be restored from archive before attempting a rerun of this utility.**Action:** No action required.**S6BBC914I****MODIFYING METASTOR POINTERS****Source:** Various Offline Utilities**Explanation:** Informational message only: The data allocation for ACCESSLOG on the target segment has been completed and the MetaStor pointers are about to be changed. A failure at this time requires that both the MetaStor and target segments be restored before attempting any further Pagestore processing.**Action:** No action is required.

S6BBC915I**ACCESSLOG INSTALLATION COMPLETE**

Source: Various Offline Utilities

Explanation: Informational message only: request successfully completed.

Action: Take a backup of both the MetaStor and target segments.

S6BBC916E**COULD NOT OPEN SEGMENT**

Source: Various Offline Utilities

Explanation: The segment indicated could not be opened.

Action: The Data Object Broker must be shut down before running this utility and the target segment must exist. Check that you have allowed for the requirements of this utility and that the segment indicated in the PARM/OPTION is correct.

S6BBC917E**DATA LOCATION DIFFERS TABLES v RTIX**

Source: Various Offline Utilities

Explanation: The table of TABLES contains a different target segment than the one indicated in the MetaStor RTIX entry.

Action: Correct the table of TABLES.SEGMENT# field so that it agrees with the MetaStor RTIX target segment number and try the utility again.

S6BBC918E**SEGMENT COULD NOT BE CLOSED**

Source: Various Offline Utilities

Explanation: Either the MetaStor or the target segment could not be closed after processing was completed; neither segment is usable.

Action: Attempt to discover how this situation occurred, bearing in mind that both these segments were in the process of being changed and must be considered unusable. Restore the backups taken prior to running this utility and try again.

BL: Batch Load

S6BBL001I

POST INPUT RECORD READ EXIT ACTIVE

Source: Batch Load

Explanation: This message notifies you that the S6BBRTL1 exit is active.

Action: No action required.

S6BBL002I

POST FIXED FORMAT CONVERSION EXIT ACTIVE

Source: Batch Load

Explanation: This message notifies you that the S6BBRTL2 exit is active.

Action: No action required.

S6BBL003I

FORMAT COMPRESSION EXIT ACTIVE

Source: Batch Load

Explanation: This message notifies you that the S6BBRTL3 exit is active.

Action: No action required.

S6BBL004I

PRIMARY KEY VALUE WILL BE GENERATED (IDGEN)

Source: Batch Load

Explanation: This message notifies you that the primary key will be generated (IDgen).

Action: No action required.

S6BBL005I

ERROR ATTEMPTING INPUT FIELD FORMAT CONVERSION

Source: Batch Load

Explanation: The conversion routine detected an error during the conversion of the input record to fixed length format. The actual conversion error message will immediately precede this message. The processing continues with the next record.

Action: No action required.

S6BBL006I

PARAMETER(S) INSTANCE SEQUENCE ERROR

Source: Batch Load

Explanation: A table instance was rejected. The rejected table instance contained count1 records starting at input record count2.

Action: See the previous audit message and correct the previous error condition.

S6BBL007I

DUPLICATE TABLE INSTANCE, # REJECTS SEE BELOW

Source: Batch Load

Explanation: Records have been rejected as they belong to a previously complete instance.

Action: The number of records rejected are shown below this message.

S6BBL008I**TABLE NOT UPDATED; NO INPUT RECORDS ACCEPTABLE****Source:** Batch Load**Explanation:** Notification that the Object Service Broker Pagestore was not updated because none of the input records were accepted.**Action:** See the messages in the audit trail to determine why all the records were rejected.**S6BBL009E****NO INPUT FIELD OR VALUE DEFINED FOR PARM****Source:** Batch Load**Explanation:** When loading a parameterized table there must always be a value associated with each parameter, either from an input file field or from static values.**Action:** Correct your data and retry loading the table.**S6BBL011I****DUPLICATE PRIMARY KEY****Source:** Batch Load**Explanation:** The primary key of an input record is a duplicate.**Action:** No action possible; the record is ignored.**S6BBL012I****PRIMARY KEY(S) SEQUENCE ERROR****Source:** Batch Load**Explanation:** The primary keys must be sorted properly within the table instances (if applicable).**Action:** Either manually add the entries that are out of sequence, or delete the tree, sort again, and run again.**S6BBL013I****RECORD SHORTER THAN MINIMUM LENGTH****Source:** Batch Load**Explanation:** A zero data length record encountered.**Action:** Record is ignored.**S6BBL014I****CONVERSION - INPUT FIELD CONTAINS BAD DATA****Source:** Batch Load**Explanation:** The field indicated contains data which does not conform to the specified format.**Action:** Record is ignored.**S6BBL015I****CONVERSION - OUTPUT FIELD TOO SMALL****Source:** Batch Load**Explanation:** The field indicated cannot be converted without possible data-integrity loss.**Action:** Record is ignored.

S6BBL016I**CONVERSION - CONVERSION NOT POSSIBLE****Source:** Batch Load**Explanation:** The field indicated cannot be converted due to incompatible source/target syntax.**Action:** Record is ignored.**S6BBL017I****CONVERSION - PARAMETER(S) INVALID****Source:** Batch Load**Explanation:** Conversion routine internal error.**Action:** Contact TIBCO Support.**S6BBL018I****PARAMETER OR PRIMARY KEY NULL****Source:** Batch Load**Explanation:** Null primary key/parameter values are not permitted.**Action:** Record is ignored.**S6BBL019I****SECONDARY KEY NUMERIC VALUE NULL****Source:** Batch Load**Explanation:** Null numeric-syntax secondary keys are not permitted.**Action:** Record is ignored.**S6BBL020E****CONTROL CARD INPUT FILE FAILED TO OPEN****Source:** Batch Load**Explanation:** Problem experienced opening the Control File.**Action:** Processing terminated; check run JCL.**S6BBL021E****SPACE FOR DEFINITION TABLE IS NOT AVAILABLE****Source:** Batch Load**Explanation:** GETMAIN for the internal table to hold input and output definitions failed.**Action:** The required space is 88 multiplied by the maximum number of fields (50 is the default). Check with your data center manager for private extended storage limits (above the line storage).**S6BBL022E****PRIMARY KEY MUST COME FROM INPUT OR BINARY 4 FOR IDGEN****Source:** Batch Load**Explanation:** The primary key in Object Service Broker is not derived from an input field. To be considered for IDgen, it must be binary length 4.**Action:** Do one of the following:

- If you want an IDgen key, make the primary key binary length 4.
- If the field is from input, correct the control cards.
- If you want to generate a key yourself, define a dummy input field and use exit point 1 (S6BBRTL1). Refer to the Utilities manual for details on exits.

S6BBL023E**SPECIFIED INPUT/OUTPUT SYNTAX
CONVERSION TEST FAILED**

Source: Batch Load

Explanation: When testing the conversion of the data field syntaxes, an error was detected.

Action: See accompanying message. Contact TIBCO Support if a syntax combination is required.

S6BBL024E**SPACE NOT AVAILABLE IN WHICH TO
BUILD THE ENTRY**

Source: Batch Load

Explanation: GETMAIN for internal work space for the compressed Object Service Broker entry failed.

Action: The requested memory was 2025 bytes. Contact your data center manager for private extended storage limits (above the line storage).

S6BBL025E**SPACE NOT AVAILABLE TO RETAIN
REQUIRED INDEXING DATA**

Source: Batch Load

Explanation: GETMAIN for internal index capture record work area failed. Requested space is the following added together:

- The primary key length
- The length of the largest secondary index key
- The length of all the parameters
- 9.

The space is to be below the line.

Action: Increase the region size in the JCL.

S6BBL026E**LOAD TABLE COULD NOT BE LOCATED
ON CONTROL PAGE**

Source: Batch Load

Explanation: The table to be loaded could not be located in the index of the Resident Table Index.

Action: Do the following:

- Check the spelling of the table name on the Object Service Broker output definition card and ensure that the table type is TDS.
- Ensure that the table you are attempting to load is on the segment specified in the run time parameter.

S6BBL027E**LOAD TABLE COULD NOT BE LOCATED
ON TABLE INDEX**

Source: Batch Load

Explanation: The Resident Table Index entry could not be found for the requested table.

Action: Do the following:

- Check spelling on the output definition card and ensure the table type is TDS.
- Ensure that the table you are attempting to load is on the segment specified in the run time parameter.

S6BBL028E**SPACE NOT AVAILABLE FOR INTERNAL INDEX CONTROL TABLES****Source:** Batch Load**Explanation:** GETMAIN for internal index control stack failed. The requested space is 16 multiplied by 6 from the storage.**Action:** Check with your data center manager for private extended storage limits (above the line storage).**S6BBL029E****SPACE NOT AVAILABLE FOR REQUIRED PAGE BUFFERS****Source:** Batch Load**Explanation:** GETMAIN for Object Service Broker page buffer space failed. The requested space is 4 KG multiplied by 6. Add 4 KB if there are parameters, and add 4 KB if there are secondary indexes.**Action:** Check with your data center manager for private extended storage limits (above the line storage).**S6BBL030E****EXPECTED SECONDARY INDEX ENTRY NOT FOUND ON SIT PAGE****Source:** Batch Load**Explanation:** The output definition cards specified a secondary index which was not defined within the Object Service Broker Pagestore.**Action:** Either build the secondary index by using SIXBUILD processing online, or remove the S for the field in the Object Service Broker output definition card.**S6BBL031E****INCORRECT SEGMENT ACTIVE FOR TABLE LOAD PROCESSING****Source:** Batch Load**Explanation:** The table to be loaded is not on the base store with which the batch utility was started.**Action:** Specify a run time parameter of "SEGMENT=nnnn", where nnnn is the segment number that contains the table to be loaded.**S6BBL032E****TABLE TO BE LOADED IS NOT EMPTY****Source:** Batch Load**Explanation:** The table to be loaded contains data and no parameters are associated with it. Only table instances can be added to an existing table. Data within a table instance cannot be added.**Action:** Either remove the data from the table or use an Object Service Broker rule to load the new data.**S6BBL033E****EXPECTED SECONDARY INDEXES NOT FOUND****Source:** Batch Load**Explanation:** When a secondary index is built by using S6BBRSIX, the table definition is changed (online) to reflect the newly built secondary index. This message was issued

because you tried to load the table again (by using S6BBRTBL) but did not change the definition control records to reflect the new secondary index.

Action: Recreate the load control records by using BATCHLOAD_CARDS or delete the secondary indexes by using SIXDELETE.

S6BBL034I

USER-EXIT REQUESTED REJECT

Source: Batch Load

Explanation: Your user exit requested that this record be ignored.

Action: Record is ignored. Recreate the load control records by using BATCHLOAD_CARDS or delete the secondary indexes by using SIXDELETE.

S6BBL035E

INVALID UNIT COUNT SPECIFIED

Source: Batch Load

Explanation: The UNIT COUNT specified on the control data set for multivolume work file support must be less than or equal to the actual number of units available for the unit group name specified.

Action: Enter an acceptable number and retry.

S6BBL036E

REQUESTED SECONDARIES DO NOT MATCH THOSE ALLOCATED

Source: Batch Load

Explanation: The Secondary key field names identified on the Definition Control File do not match the field names of the allocated secondaries on the Pagestore.

Action: The report indicates the discrepancies; use the online tool BATCHLOAD_CARDS to generate an accurate Definition Control File.

S6BBL037E

SECONDARIES ARE ALLOCATED BUT NONE REQUESTED

Source: Batch Load

Explanation: There are secondary index fields defined for the table being loaded but no secondaries are defined in the definition control file.

Action: Use the online tool BATCHLOAD_CARDS to generate an up-to-date/ accurate Definition Control File for this table.

S6BBL040E

CONTROL CARD TYPE CODE IS INVALID,(EXPECTED I,H,S OR V)

Source: Batch Load

Explanation: The control card type (column 1) has an invalid code. Only I, H, S, or V are acceptable.

Action: Enter I, H, S, or V for the control card type.

S6BBL041E**DEFINITION: SEQUENCE FIELD ERROR****Source:** Batch Load**Explanation:** The sequence numbers (column 3-5) for the input definition cards are not properly sorted.**Action:** Reorganize the cards or correct the sequence numbers.**S6BBL042E****INPUT DEFINITION CARD ENTRY TYPE CODE INVALID; R OR F****Source:** Batch Load**Explanation:** The entry type code (column 7) is invalid for an input definition. Only R (records) and F (field) are acceptable.**Action:** Enter R or F for the entry type code.**S6BBL043E****INPUT DEFINITION CARD SYNTAX CODE IS NOT SUPPORTED****Source:** Batch Load**Explanation:** The syntax code (column 48) defined for the input field is not supported.**Action:** See the documentation on input definition cards for valid codes.**S6BBL044E****INPUT DEFINITION CARD FIELD LENGTH BLANK/OUT OF RANGE****Source:** Batch Load**Explanation:** The field length (column 50-52) on the input definition card is either blank or the value is outside the range for the given syntax.**Action:** Fill in a field length that is within the range for the syntax. See the documentation on input definitions for valid length ranges.**S6BBL045E****INPUT DEFINITION CARD DECIMAL POSITION IS OUT OF RANGE****Source:** Batch Load**Explanation:** The decimal position (column 54-55) specified for the input field is outside the range of the field length.**Action:** Change the decimal position to fall within the range of the field length.**S6BBL046E****INPUT DEFINITION RECORD CARD HAS INVALID FILE TYPE (F-V)****Source:** Batch Load**Explanation:** File type is either F (Fixed) or V (Variable). Default is F; no other value is acceptable.**Action:** Correct the file type and retry.

S6BBL047E**DEFINITION TABLE OVERFLOW;
INCREASE MAX FIELDS ON SPEC****Source:** Batch Load**Explanation:** The internal table that retains the input/output definition information has overflowed.**Action:** Increase the maximum number of fields on the specification card. Refer to the online Utilities documentation for details.**S6BBL048E****SPECIFICATION CARD MUST BE FIRST IN
CONTROL CARD FILE****Source:** Batch Load**Explanation:** If included, the specification card must be the first card in the control card file.**Action:** Put the specification card at the front of the control card file.**S6BBL049E****MISSING INPUT DEFINITION - NUMERIC
SECONDARY****Source:** Batch Load**Explanation:** Numeric Secondary index field values cannot be null. No input field is defined cross-referencing to a table field defined as a secondary index, which means the table field value will be loaded as NULL.**Action:** Remove the secondary index indicator or provide an input field which has significant data in every record or change the syntax of the target (table) field to a character syntax (C or V).**S6BBL051W****NULL-EQUIVALENT VALUE SPECIFIED IS
IGNORED****Source:** Batch Load**Explanation:** A null-equivalent value is valid only when the input file field from which the data is being loaded to this output (table) field is either binary or packed decimal syntax. Columns 64-79 are ignored.**Action:** None.**S6BBL060E****OUTPUT DEFINITION CARDS ARE OUT OF
SEQUENCE****Source:** Batch Load**Explanation:** The sequence numbers (column 3-5) for the output definition cards are not properly sorted.**Action:** Reorganize Object Service Broker output definition cards or correct the sequence numbers.**S6BBL061E****OUTPUT DEFINITION CARD HAS INVALID
ENTRY TYPE (R,P/F)****Source:** Batch Load**Explanation:** The entry type code (column 7) is invalid for an Object Service Broker output definition. Only R (record), P (parameter), and F (field) are acceptable.**Action:** Change the entry type code to R, P, or F.

S6BBL062E**DEFINITION TABLE OVERFLOW;
INCREASE MAX FIELDS ON SPEC****Source:** Batch Load**Explanation:** The internal table that retains the input/output definition information has overflowed.**Action:** Increase the maximum number of fields on the specification card. Refer to the online Utilities documentation for details.**S6BBL063E****OUTPUT DEFINITION SEMANTIC
TYPE/SYNTAX NOT SUPPORTED****Source:** Batch Load**Explanation:** The semantic type (column 46) and syntax code (column 48) do not form a valid combination.**Action:** Change either the semantic type or the syntax to form a valid combination. See the Processing manual for a list of valid combinations or check the online definition.**S6BBL064E****OUTPUT DEFINITION CARD FIELD
LENGTH BLANK/OUT OF RANGE****Source:** Batch Load**Explanation:** The field length (column 50-52) on the output definition card is either blank or the value is outside the range for the given syntax.**Action:** Enter a field length that is within the range for the syntax. Check the online definition.**S6BBL065E****OUTPUT DEFINITION CARD DECIMAL
POSITION IS OUT OF RANGE****Source:** Batch Load**Explanation:** The decimal position (column 54-55) specified for the Object Service Broker parameter or field is outside the range of the field length.**Action:** Enter a decimal position that is within the range for the field length.**S6BBL066E****OUTPUT DEFINITION CARD KEY TYPE NOT
SUPPORTED (" ",P/S)****Source:** Batch Load**Explanation:** The output Object Service Broker key type (column 57) is invalid. Only blank, P (primary key), and S (secondary key) are supported.**Action:** Enter a P, an S, or a blank for the output Object Service Broker key type.**S6BBL067E****INVALID SYNTAX FOR KEY/PARM FIELD****Source:** Batch Load**Explanation:** The syntax specified is not valid as used.**Action:** Check documentation and correct the specification.**S6BBL069E****INVALID NUMERIC DEFINITION VALUE****Source:** Batch Load**Explanation:** A numeric value is required.**Action:** Check documentation and correct the specification.

S6BBL070E**PRIMARY OR SECONDARY KEY LENGTH ERROR**

Source: Batch Load

Explanation: The primary or secondary key length specified exceeds the maximum.

Action: Check documentation and correct the specification.

S6BBL071E**TOO MANY PARAMETERS**

Source: Batch Load

Explanation: The number of parameters defined exceeds the limit.

Action: Check documentation and correct the specification.

S6BBL072E**PARAMETER(S) LENGTH ERROR**

Source: Batch Load

Explanation: The total parameter(s) length exceeds the limit.

Action: Check documentation and correct the specification.

S6BBL080E**SPECIFICATION CARD MAXIMUM PROCESS RECORDS NOT NUMERIC**

Source: Batch Load

Explanation: The maximum records field (column 15-29) contains an invalid numerical value.

Action: Correct the value and ensure that it is right aligned.

S6BBL081E**SPECIFICATION CARD MAXIMUM NUMBER OF FIELD NOT NUMERIC**

Source: Batch Load

Explanation: The maximum number of fields value in column 31-33 contains invalid numeric data.

Action: Correct the value and ensure that it is right aligned.

S6BBL082E**SPECIFICATION CARD MAXIMUM BLOCK SIZE IS NOT NUMERIC**

Source: Batch Load

Explanation: The maximum block size field (in column 44-48) contains an invalid numeric value.

Action: Correct the value and ensure that it is right aligned.

S6BBL083E**SPECIFICATION CARD SPACE USAGE VALUE IS NOT NUMERIC**

Source: Batch Load

Explanation: The percentage specified for one of the following is not numeric:

- Data
- Index
- Secondary index
- Group index.

Action: Correct the value and ensure that it is right aligned.

S6BBL084E**NULL-EQUIVALENT VALUE SPECIFIED IS INVALID****Source:** Batch Load**Explanation:** The null-equivalent value (in columns 64-79) is invalid; either the code is misspelled or the value is not numeric.**Action:** Check and correct.**S6BBL100E****VALUE CARD FIELD/PARAMETER NAME NOT FOUND****Source:** Batch Load**Explanation:** The name specified (in column 3-18) cannot be matched with the output definition table.**Action:** Check the spelling of the field name. Correct the Object Service Broker output definition name or the static value name.**S6BBL101E****VALUE CARD FOR FIELD/PARAMETER DEFINITION AS INPUT****Source:** Batch Load**Explanation:** A value card cannot be entered against a field or parameter which is referenced in the input file.**Action:** Do one of the following:

- Remove the static value card or cards for the given field or parameter.
- Remove the reference to the field in the input specification card.

S6BBL102E**VALUE CARD FOR FIELD/PARAMETER ALREADY PROCESSED****Source:** Batch Load**Explanation:** A value card was entered for a field or parameter which has already been set.**Action:** Check to ensure a continue indicator (column 20) is set, if a continuation is being attempted.**S6BBL103E****VALUE CARD FOR NUMERIC FIELD/PARAMETER NOT NUMERIC****Source:** Batch Load**Explanation:** The value card contains static text (column 22-71) for a numeric field or parameter (packed or binary), but the text contains non-numeric characters.**Action:** Correct the value and ensure that it is left aligned.**S6BBL104E****VALUE CARD TEXT LENGTH IS INVALID FOR A NUMERIC ENTRY****Source:** Batch Load**Explanation:** The length of the numeric data in the value card text area is not valid (out of range 1-15 digits).**Action:** Make the numeric data 1 to 15 digits.

S6BBL105E**VALUE CARD DECIMAL POSITION
CONFLICTS WITH DEFINED**

Source: Batch Load

Explanation: The number of post decimal digits must match the definition of the field or parameter.

Action: Change the number of post decimal digits to match the definition of the field or parameter.

S6BBL106E**INVALID OR NO CHARACTER SET TYPE
SPECIFIED**

Source: Batch Load

Explanation: The character set code was found to be invalid.

Action: Specify a proper character set. Blank defaults to ENGL.

S6BBL107E**VALUE EXCEEDS LENGTH OF FIELD**

Source: Batch Load

Explanation: There are too many Value Continuations for the field as defined. Remember that each Value Record holds 50 characters.

Action: Shorten the value for the field to the defined length of the field, and remove extraneous Value Records.

S6BBL108E**VALUE CONTINUATION INVALID OR OUT
OF SEQUENCE**

Source: Batch Load

Explanation: Value Continuation Column Entries must be consecutive and in ascending sequence if there are multiple records (more than 50 characters).

Action: The first record of a single field's "Value Records" must have 0 in its Continuation Column. If the value continues beyond 50 characters, the second "Value Record" (which is the first actual continuation) must have 1 in its Continuation Column; the third must have 2, and so on.

S6BBL109E**VALUE DATE INVALID**

Source: Batch Load

Explanation: Static Value date is in the wrong form.

Action: Check documentation and your installation's date format.

S6BBL110E**STATIC VALUE REJECTED DURING
CONVERSION**

Source: Batch Load

Explanation: The static value associated with the field identified could not be converted to the semantic type/syntax of the target field.

Action: This error should have been trapped when the utility processed the Definition Control File - contact TIBCO Support and provide all relevant information: the value of the static value and the target field definition.

S6BBL111E**PAGESTORE WRITE FAILURE****Source:** Batch Load**Explanation:** When attempting to write a page to the current segment a failure occurred.**Action:** Inspect the audit report for other messages which should indicate why the failure occurred. The table being loaded must be considered incomplete and the segment itself suspect. Contact TIBCO Support and supply all relevant documentation: the audit report, the core dump if produced.**S6BBL120E****DYNAMIC ALLOCATION OF TEMPORARY FILE FAILED****Source:** Batch Load**Explanation:** A dynamic allocation request failed.**Action:** Check the job log for an explanation and verify the dynamic symbolic unit name on the specification card.**S6BBL121E****SPACE NOT AVAILABLE FOR TEMPORARY FILE DCB DEFINITION****Source:** Batch Load**Explanation:** The GETMAIN to obtain storage (below the line) for the temporary file DCB failed.**Action:** Increase the size parameter in your JCL.**S6BBL122E****SPACE FOR INTERNAL FIXED FORMAT RECORD IS NOT AVAILABLE****Source:** Batch Load**Explanation:** GETMAIN for internal work space for fixed format work record failed. Requested space is 2028 bytes.**Action:** Check with your data center manager for private extended storage limits (above the line storage).**S6BBL140E****ERROR DETECTED WHEN EVALUATING ACCESS METHOD OF INPUT****Source:** Batch Load**Explanation:** The JFCB of the input file is used to determine if the input file is sequential or VSAM access. The read JFCB failed.**Action:** Check your JCL and the job log. If this information does not provide a solution, contact TIBCO Support.**S6BBL141E****INPUT FILE FAILED TO OPEN USING SEQUENTIAL ACCESS****Source:** Batch Load**Explanation:** The input file was determined to be sequential and the open for the file failed.**Action:** Check your JCL and the job log.

S6BBL142E**INPUT FILE FORMAT IS NOT SUPPORTED****Source:** Batch Load**Explanation:** The input file was determined to have a format other than fixed or variable. The format is not supported.**Action:** Ensure that the input file is either fixed or variable.**S6BBL143E****INPUT FILE FAILED TO OPEN USING VSAM ACCESS METHOD****Source:** Batch Load**Explanation:** The input file was determined to be a VSAM data set. The open for the file failed.**Action:** Check your JCL and the job log. A VSAM verify may be required.**S6BBL144E****INDEX CAPTURE WORK FILE FAILED TO OPEN FOR OUTPUT****Source:** Batch Load**Explanation:** The work file used to capture indexing information failed to open for output.**Action:** Check the dynamic symbolic unit and blocksize in the specification cards. Review the job log for further information.**S6BBL145E****INPUT RECORD CONVERSION ERROR THRESHOLD EXCEEDED****Source:** Batch Load**Explanation:** The number of conversion errors detected by the conversion routine exceeds an allowable limit.**Action:** Verify the input file layout and check for the values rejected by the conversion routine.**S6BBL146E****INVALID PAGE TYPE FOUND WHEN SEARCHING GROUP INDEXTREE****Source:** Batch Load**Explanation:** A page type code detected when searching for existing table instances was not a group index or group index page type.**Action:** Verify the Pagestore by using the S6BBRPTR utility. Contact TIBCO Support.**S6BBL147E********* PROCESSING TERMINATED, ALL INPUT REJECT *********Source:** Batch Load**Explanation:** None of the user input data was accepted. Processing ended.**Action:** Correct the reported audit trail conditions that caused the input to be rejected.

S6BBL148E**NO INPUT RECORDS READ, PROCESSING TERMINATED****Source:** Batch Load**Explanation:** No input records have been found usable.**Action:** No load is possible.**S6BBL149E****NULL INPUT KEY VALUE ENCOUNTERED****Source:** Batch Load**Explanation:** During loading, a null value in the primary key or a secondary index was detected.**Action:** Record is rejected.**S6BBL150E****REJECT LIMIT EXCEEDED****Source:** Batch Load**Explanation:** The reject count has exceeded the limit.**Action:** Job is terminated.**S6BBL151W****** PLEASE CHECK INPUT FILE FORMAT SPECIFICATIONS ******Source:** Batch Load**Explanation:** Refer to the explanation for S6BSV954W.**Action:** Ensure that the input file is described correctly both in the Control File (-C) and on the command line (-m). If the requested process completed successfully, check that the table data is correctly loaded.**S6BBL152E****TOO MANY SECONDARIES****Source:** Batch Load**Explanation:** There is a limit to the number of secondary index fields permitted in a table definition. This limit is used to determine the size of certain tables within the utility. One of these tables has overflowed.**Action:** Contact TIBCO Support.**S6BBL153E****PROGRAM ERROR****Source:** Batch Load**Explanation:** An internal program error occurred.**Action:** Contact TIBCO Support.**S6BBL154I****SECONDARY INDEX COMPLETE****Source:** Batch Load**Explanation:** Indicates that the load has completed successfully; the secondary index is complete and has been COMMITTED.**Action:** No action necessary.**S6BBL155I****PRIMARY DATA LOAD COMPLETE****Source:** Batch Load**Explanation:** The primary data has been loaded successfully and COMMITTED.**Action:** If no secondaries are being built then the load has completed building the target table. If a secondary index build follows the primary build and it fails, the primary data is

complete. After determining why the secondary build failed, use the Secondary Index Builder S6BBSIX to build the missing secondary indexes.

S6BBL157E

FREE-PAGE REQUEST FAILURE

Source: Batch Load

Explanation: Usually indicates the segment is full.

Action: Provide more segment space and retry.

S6BBL160E

SORT SYNTAX CODE COULD NOT BE LOCATED FOR SYNTAX

Source: Batch Load

Explanation: The syntax code of the field or parameter cannot be converted to a code acceptable to the sort routine.

Action: Contact TIBCO Support.

S6BBL161E

GROUP INDEX CAPTURE FILE COULD NOT BE OPENED FOR OUTPUT

Source: Batch Load

Explanation: The work file used to retain table instance information cannot be opened for output.

Action: Check the dynamic symbolic unit and blocksize on the specification card. See the job log for further details.

S6BBL162E

SECONDARY INDEX ROOT PAGE NOT FOUND ON SIT PAGE

Source: Batch Load

Explanation: The secondary index entry cannot be located on the Secondary Index Table page.

Action: Ensure that all fields with a key type of S are defined as secondary indexes. If not, invoke online SIXBUILD processing.

S6BBL163E

INVALID PAGE TYPE DETECTED WHEN CAPTURING EXISTING GIX

Source: Batch Load

Explanation: Existing group index chain contains invalid page type codes. (Table is possibly corrupted.)

Action: Verify the Pagestore by using S6BBRPTR. Also, contact TIBCO Support.

S6BBL164E

SORT FAILURE DETECTED DURING SECONDARY INDEX PROCESSING

Source: Batch Load

Explanation: An error was detected by the sort program when reorganizing the index capture file for a secondary index load.

Action: Check the job log for messages from SORT. Ensure that you have a SYSOUT DD in your JCL.

S6BBL165E**SORT FAILURE DETECTED DURING
GROUP INDEX PROCESSING****Source:** Batch Load**Explanation:** An error was detected by the sort program when reorganizing the group index capture file for a group index build.**Action:** Check the job log for messages from SORT. Ensure that you have a SYSOUT DD in your JCL.**S6BBL168E****INDEX CAPTURE FILE FAILED TO OPEN
FOR INPUT****Source:** Batch Load**Explanation:** The internal index file could not be opened after being built.**Action:** Contact TIBCO Support.**S6BBL169E****INDEX CONTROL TABLE OVERFLOWED;
TOO MANY INDEX LEVELS****Source:** Batch Load**Explanation:** The internal index table is too small for this run.**Action:** Contact TIBCO Support.**S6BBL170E****RESIDENT TABLE INDEX UPDATE
PREPARATION FAILED****Source:** Batch Load**Explanation:** Preparation for actual database update failed.**Action:** Contact TIBCO Support.**S6BBL171E****INPUT RECORD LENGTH EXCEEDS LOADS
CAPABILITY****Source:** Batch Load**Explanation:** The record size is too large.**Action:** Contact TIBCO Support.**S6BBL172E****TABLE ROW SIZE ERROR****Source:** Batch Load**Explanation:** The total length of the row defined for the target table is larger than the maximum permitted.**Action:** Check and correct the definition on the control data set; the table as specified would not have been accepted by the Object Service Broker Table Definer.**S6BBL173I****BROWSE MODE - REQUEST VALIDATION
COMPLETE****Source:** Batch Load**Explanation:** The option BROWSE was specified, which results in termination after validation of the control file.**Action:** No action necessary. Remember to remove the BROWSE option when (if) the load is actually submitted.**S6BBL174E****RESERVED TABLE - OFFLINE LOAD NOT
PERMITTED****Source:** Batch Load**Explanation:** The table name requested cannot be loaded using this utility.**Action:** Contact TIBCO Support for assistance.

S6BBL175E**OLD NULL OPTION NOT SUPPORTED**

Source: Batch Load

Explanation: The OLD NULL option applies to the unload utilities only.

Action: Remove the option and retry or contact TIBCO Support.

S6BBL176E**STATICS VALUES NOT SUPPORTED FOR UNICODE FIELDS**

Source: Batch Load

Explanation: When attempting to load data into a table using the offline batch utility S6BBRTBL, a default value was specified for a field that has a Unicode syntax. This is not supported.

Action: Remove the default value card and rerun your load process.

S6BBL177E**UNICODE SYNTAX NOT SUPPORTED FOR PARMS OR KEYS**

Source: Batch Load

Explanation: A Unicode syntax was specified on the definition cards for a field that either a parameter or key field.

Action: Correct the control cards and try the S6BBRTBL utility.

S6BBL255E**AUDIT TRAIL FILE FAILED TO OPEN**

Source: Batch Load

Explanation: The audit trail (printer) failed to open. User abend code 932 is issued.

Action: Review job log for further details.

BP: Pagestore Validation

S6BBP001W

CHILD % POINTER FOR PAGE % IS INVALID; BRANCH IGNORED

Source: Pagestore Validation

Explanation: The specified entry number on the indicated group or primary index page is -1, which is invalid. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP002W

PAGE % IS GREATER THAN HIGHEST PAGE BACKED UP

Source: Pagestore Validation

Explanation: The specified page was referenced but it cannot be located in the page header table. This indicates an incomplete backup or archive, or an internal error. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP003W

DUPLICATE REFERENCE TO PAGE % DETECTED

Source: Pagestore Validation

Explanation: The specified page is referenced in more than one place. A completion code of 12 (X'0C') is generated.

Action: Stop processing the segment and contact TIBCO Support immediately. Do not continue processing on the tables in error.

S6BBP004W

PAGE % REFERENCED BUT NOT FOUND IN BACKUP FILE

Source: Pagestore Validation

Explanation: The specified page was referenced but it cannot be located in the page header table. This indicates one of the following:

- An incomplete backup or archive
- A corrupt Pagestore

A completion code of 12 (X'0C') is generated

Action: Contact TIBCO Support.

S6BBP005W

POINTER ERROR ON PAGE %; EXPECTED PREVIOUS %; FOUND %

Source: Pagestore Validation

Explanation: The chain pointers on the page specified do not match the pointers expected by the index level above. Either the index or the data chain is invalid. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP006W

POINTER ERROR ON PAGE %; EXPECTED NEXT %; FOUND %

Source: Pagestore Validation

Explanation: The chain pointers on the page specified do not match the pointers expected by the index level above. Either the index or the data chain is invalid. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP007W

PAGE TYPE ERROR; PAGE %, EXPECTED %, FOUND %

Source: Pagestore Validation

Explanation: The page type indicator on the specified page is not consistent with other pages in the chain. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP008W

PAGE TYPE ERROR ON PAGE %, PAGE TYPE = %

Source: Pagestore Validation

Explanation: The page type indicator on the specified page is not supported. If the type code specified is in lowercase, an update process (such as SIXBUILD, SIXDELETE, or Table Clear) may have failed to complete properly. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP009W

PAGE % HEADER CANNOT BE PROCESSED; REJECTED

Source: Pagestore Validation

Explanation: The header of the specified page failed to pass a validation test; the page was rejected from the process. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP010W

INVALID PAGE TYPE %; PAGE % FROM BACKUP FILE

Source: Pagestore Validation

Explanation: The page type indicator on the specified page is not supported. If the type code specified is in lowercase, an update process (such as SIXBUILD, SIXDELETE, or Table Clear) may have failed to complete properly. A completion code of 8 is generated.

Action: Contact TIBCO Support.

S6BBP011W

% HAS BEEN DETECTED AS AN ORPHAN PAGE

Source: Pagestore Validation

Explanation: The page specified in the message is not referenced by any of the tables on the segment, but the system indicates it is not available. The page header information for this page will be listed in the ORPHAN LIST. A completion code of 4 is generated.

Action: Contact TIBCO Support.

S6BBP012W**% IS REFERENCED BUT INDICATED FREE BY THE SYSTEM****Source:** Pagestore Validation**Explanation:** The page specified in the message is referenced by a table, but the system thinks it is available for use. The page will be reported in the ORPHAN LIST. A completion code of 4 is generated.**Action:** Stop using the segment and contact TIBCO Support immediately. If processing continues on the segment, duplicate page errors may occur.

- If a secondary index build was in progress, clear and rebuild the secondary index.
- If a table clear was in progress, try to clear the table again. The table is not currently usable.

S6BBP013W**PAGE % IS AN ALLOCATE PAGE WITH ROWS OR SIZE****Source:** Pagestore Validation**Explanation:** The page specified in the message has a page type of ALLOCATED, and the rows and entry size fields are not zero. A completion code of 8 is generated.**Action:** Contact TIBCO Support.**S6BBP014W****PAGE % HAS A TAGGED PAGE TYPE CODE -%-****Source:** Pagestore Validation**Explanation:** The page specified in the message has a page type that has been tagged for a secondary index build in progress or a table clear in progress. The operation did not complete properly. A completion code of 8 is generated.**Action:** Do one of the following with the table whose name you will find in the REFLOG (the output reference log file from Batch Pointer Check):**S6BBP015W****PAGE % BIT MAP PAGE ERROR ; REJECTED****Source:** Pagestore Validation**Explanation:** The Bit Map Page indicated is invalid and is ignored.**Action:** Contact TIBCO Support.**S6BBP016W****PAGE % SEQUENCE ERROR OR DUPLICATE PAGE THIS PAGE IGNORED****Source:** Pagestore Validation**Explanation:** The Page indicated is in error.**Action:** This can occur if you run the Pointer Check on a Cumulative Journal which contains multiple copies of changed pages. If this is the case, run Pointer Check against a true backup. Ensure that the segment involved is not corrupted, take a backup and try this program again. If the backup truly reflects the content of your segment:

1. Protect the segment from any further access/updates.
2. Make sure all Journals, etc., are saved.
3. Contact TIBCO Support.

S6BBP018W**PAGES MADE ORPHANS BY MISSING CONTROL PAGE NOT REPORTED****Source:** Pagestore Validation

Explanation: This warning indicates that at least one control (bit map) page was reported as missing. The pages whose usage is controlled by the missing control page(s), if checked, would be classified (possibly incorrectly) as orphans when the reason they are orphans is due to the fact that the control page(s) are missing. Refer message: S6BBP129E. This message will occur twice: prior to the list of all orphans and at the end of the list of orphans.

Action: This warning indicates a serious problem exists in the archive (backup) being checked and under no circumstance should it be used, do not restore. Contact TIBCO Support.

S6BBP019W**NO ROOT PAGE EXISTS****Source:** Pagestore Validation

Explanation: The Resident Table Index (RTIX) indicates that a secondary index exists for this table but it was not found.

Action: Contact TIBCO Support.

S6BBP100E**INVALID EXECUTION PARAMETER RECEIVED****Source:** Pagestore Validation

Explanation: The execution parameter list was invalid. One or more of the parameters are not supported.

Action: Processing terminated. Check spelling to make sure the parameter is correct.

S6BBP101E**SPECIFIED SEGMENT NUMBER CONTAINS MORE THAN 5 DIGITS****Source:** Pagestore Validation

Explanation: The value of the segment parameter or command line option is invalid.

Action: Correct and retry.

S6BBP102E**SPECIFIED SEGMENT NUMBER CONTAINS INVALID NUMERICS****Source:** Pagestore Validation

Explanation: The segment number provided (EXEC-PARM/command option) is invalid.

Action: Correct and retry.

S6BBP103E**PAGE BUFFER SPACE NOT AVAILABLE****Source:** Pagestore Validation

Explanation: Failed to obtain enough memory for index-level buffers.

Action: Make more memory available to the utility and retry.

S6BBP104E**WORK FILE TO RETAIN PAGE IMAGES FAILED TO OPEN****Source:** Pagestore Validation

Explanation: As the backup or archive file is processed, entire selected page images are captured. The file used to retain these pages failed to open for output. User abend code 200 is issued.

Action: See the job log for additional information.

S6BBP105E**WORK FILE TO RETAIN INDEX POINTERS
FAILED TO OPEN****Source:** Pagestore Validation**Explanation:** As the backup or archive file is processed, indexing information is captured and stored in a variable blocked file. The file used to retain this data failed to open for output. User abend code 200 is issued.**Action:** See the job log for additional information.**S6BBP106E****INPUT ARCHIVE FILE TYPE
DETERMINATION FAILED****Source:** Pagestore Validation**Explanation:** The S6BBRPTR program will accept input of a VSAM or a sequential file. When the program attempted to determine the type of the file supplied, an error was detected. User abend code 200 is issued.**Action:** See the job log for additional information.**S6BBP107E****BACKUP/ARCHIVE TAPE FAILED TO OPEN
FOR INPUT****Source:** Pagestore Validation**Explanation:** The backup or archive sequential file (on tape or disk) failed to open for input. User abend code 200 is issued.**Action:** Check the JCL and the message log.**S6BBP108E****BACKUP/ARCHIVE VSAM FILE FAILED TO
OPEN FOR INPUT****Source:** Pagestore Validation**Explanation:** The backup or archive VSAM file failed to open for input. User abend code 200 is issued.**Action:** Check the JCL and the message log.**S6BBP109E****BACKUP/ARCHIVE FILE READ FAILED****Source:** Pagestore Validation**Explanation:** An attempt to read the next record in the backup or archive VSAM file resulted in a nonzero return code. User abend code 200 is issued.**Action:** Check the log for a VSAM error code.**S6BBP110E****ERROR DETECTED WHEN FREEING
UNUSED SPACE****Source:** Pagestore Validation**Explanation:** When S6BBRPTR processes the backup or archive file page, header information is retained in tables above the line. When a new data set is detected, enough space is obtained to hold the maximum number of page headers. When the data set is complete, unused space is released. The program detected a nonzero return code on the free main. User abend code 200 is issued.**Action:** See the job log for additional information.

S6BBP111E**SPACE NOT AVAILABLE TO RETAIN PAGE HEADER DATA****Source:** Pagestore Validation**Explanation:** When a change in an Object Service Broker page data set is detected, a block of storage is obtained that is large enough to retain page header information for all the possible pages in the data set. When attempting to retrieve this space, the utility received a nonzero return code. User abend code 200 is issued.**Action:** Check the storage limits above the line, and contact TIBCO Support.**S6BBP112E****PAGE USAGE REFERENCE LOG FAILED TO OPEN****Source:** Pagestore Validation**Explanation:** An 80-character record is generated for each Object Service Broker page that is referenced. The file used to retain these records failed to open. User abend code 200 is issued.**Action:** Check the JCL and the message log.**S6BBP113E****SPACE NOT AVAILABLE FOR BITMAP PROCESSING****Source:** Pagestore Validation**Explanation:** A bitmap is used to indicate which pages are assigned and which ones are free. The GETMAIN to obtain the above-the-line storage for the bitmap table resulted in a nonzero return code. User abend code 200 is issued.**Action:** Check the storage limits above the line.**S6BBP114E****ORPHAN CAPTURE LOG FAILED TO OPEN FOR OUTPUT****Source:** Pagestore Validation**Explanation:** A file is used to retain page information for pages where actual and expected usage differ. This file failed to open for output. User abend code 200 is issued.**Action:** Check the JCL and the message log.**S6BBP115E****SPACE NOT AVAILABLE BELOW THE LINE FOR I/O BUFFER****Source:** Pagestore Validation**Explanation:** The GETMAIN to obtain storage for I/O buffers resulted in a nonzero return code. The request was approximately 22 KB. User abend code 200 is issued.**Action:** Increase the region size in your JCL.**S6BBP116E****INDEX STACK OVERFLOW DETECTED; PROCESSING ABORTED****Source:** Pagestore Validation**Explanation:** The indexing levels for the table being processed exceed the limit that the program was designed to handle (i.e., there are too many indexing levels). User abend code 200 is issued.**Action:** Contact TIBCO Support.

S6BBP117E**PAGE HEADER TABLE OVERFLOW
DETECTED AT PAGE %****Source:** Pagestore Validation**Explanation:** The page header information is retained in a table that is intended to hold the maximum number of pages in a data set. The program detected a table overflow condition. User abend code 200 is issued.**Action:** On z/OS, increase the memory available for S6BBRPTR. On Windows or Solaris, use the -p flag for hrnbrptr to specify a larger buffer to hold your Pagestore.**S6BBP118E****PAGE RETRIEVAL ERROR****Source:** Pagestore Validation**Explanation:** When the utility attempted to retrieve a stored page image, either the PAGE file failed to open, or the page could not be found. User abend code 200 is issued.**Action:** See the job log for additional information and contact TIBCO Support.**S6BBP119E****PAGE CANNOT BE LOCATED IN INDEX
TABLE****Source:** Pagestore Validation**Explanation:** When the utility attempted to retrieve an index page from the internal index table, the specified page could not be located. User abend code 200 is issued.**Action:** Contact TIBCO Support.**S6BBP120E****INDEX RETRIEVAL ERROR****Source:** Pagestore Validation**Explanation:** When the utility attempted to retrieve an index record from the INDEX file, either the file failed to open, or the record could not be found. User abend code 200 is issued.**Action:** See the job log for additional information, and contact TIBCO Support.**S6BBP121E****PAGE DATA SET SEQUENCE ERROR****Source:** Pagestore Validation**Explanation:** While processing the backup or archive file, the utility detected a sequence error at the page specified. User abend code 200 is issued.**Action:** Sort the backup or archive file and rerun the utility. If the error occurs again, contact TIBCO Support.**S6BBP122E****NO VALID ARCHIVE RECORDS FOUND****Source:** Pagestore Validation**Explanation:** When the utility processes the backup or archive file, only the pages for one segment are processed. The segment number is defaulted to zero unless a SEGMENT parameter is specified. The backup or archive file did not contain any pages for the segment being processed. User abend code 200 is issued.**Action:** Ensure that the backup or archive file is for the segment being processed.

S6BBP123E**INDEX FILE PROCESSING ERROR****Source:** Pagestore Validation**Explanation:** A sequence error was detected in the index data capture file. User abend code 200 is issued.**Action:** Contact TIBCO Support.**S6BBP124E****INDEX ENTRY MEMORY MANAGEMENT ERROR****Source:** Pagestore Validation**Explanation:** To increase program efficiency and reduce I/O requirements, captured index information is retrieved from the INDEX file and retained in memory tables when space permits. The process of retrieving the index record resulted in an unexpected table overflow. User abend code 200 is issued.**Action:** Contact TIBCO Support.**S6BBP126E****REQUESTED HEADER LOG FAILED TO OPEN****Source:** Pagestore Validation**Explanation:** The Header log could not be opened for output. This could be due to permissions or a lack of space, or because the file already exists.**Action:** Investigate and correct.**S6BBP127E****DEFAULT FILES (NAMES) CANNOT BE OPENED****Source:** Pagestore Validation**Explanation:** At least one default filename cannot be opened, probably because the file already exists.**Action:** Investigate and correct.**S6BBP129E****CONTROL PAGE FOR THIS PAGE MISSING****Source:** Pagestore Validation**Explanation:** This is a serious error and indicates that under no circumstances should the archive (backup) be used. Each segment extent is preceded by a control page, which contains the usage bitmap, among other things, for the pages in its extent. As the control page is missing, usage information is missing. Therefore, all apparent used pages in the extent would be classified as orphans. This message appears once for each missing control page, even though all pages within the extent are affected, refer to message S6BBP018W.**Action:** Do not use this archive (backup) for any purpose. Contact TIBCO Support.**S6BBP130E****SYSTEM TABLE MISSING****Source:** Pagestore Validation**Explanation:** A system-required table was not found on the MetaStor.**Action:** Contact TIBCO Support.

S6BBP131E**DUPLICATE TABLE NAME****Source:** Pagestore Validation**Explanation:** A table name has been used more than once.**Action:** Contact TIBCO Support.**S6BBP132E****SYSTEM TABLE - ROOT PAGE# ERROR****Source:** Pagestore Validation**Explanation:** A system table that must have a fixed root location does not have one.**Action:** Contact TIBCO Support.**S6BBP133E****RTIX TABLE NAME SEQUENCE ERROR****Source:** Pagestore Validation**Explanation:** Table names on the Resident Table Index (RTIX) must be in ascending sequence.**Action:** Contact TIBCO Support.**S6BBP134W****SECONDARY INDEX INVALIDATED****Source:** Pagestore Validation**Explanation:** This line identifies a secondary index field whose index has been flagged as invalid. If the table is parameterized, the secondary index of at least one of the table instances is invalid.**Action:** This is a warning only. The performance of access via the secondary index might be slightly degraded as an extra read of the primary key will be required. As primary indices are normally resident, no extra I/O should be required.**S6BBP135E****DATA PAGE ENTRY SIZE ERROR****DETECTED AT xxxxxxxx****Source:** Pagestore Validation**Explanation:** The data page entry size indicates the total length of data (rows + lengths) on that page. If the entry size does not match the data rows various unpredictable problems can occur when processing the table to which the data page belongs.**Action:** Contact TIBCO Support.**S6BBP136E****DATA PAGE ROW SIZE ERROR DETECTED AT xxxxxxxx****Source:** Pagestore Validation**Explanation:** Data page rows have a maximum and minimum row-length; an invalid length has been found. Invalid row sizes can result in various unpredictable problems when processing the table to which the data page belongs.**Action:** Contact TIBCO Support.**S6BBP137E****SEGMENT # NOT FOUND IN DBDLIB****Source:** Pagestore Validation**Explanation:** The segment number specified does not exist in the input file.**Action:** Correct and retry.

S6BBP138E

NEITHER ARCHIVE NOR DBDLIB COULD BE OPENED

Source: Pagestore Validation

Explanation: You must provide a valid BACKUP or DBDLIB DD statement.

Action: Correct and try again.

S6BBP139E

I/O ERROR READING SEGMENT

Source: Pagestore Validation

Explanation: The offline segment cannot be processed.

Action: Investigate the cause of the problem, correct it, and then try again.

S6BBP140W

DSN XX BITMAP # PAGES= XXXXXXXX LESS THAN ACTUAL PAGES=XXXXXX

Source: Pagestore Validation

Explanation: In the data set number indicated, the number of pages the control page controls (either in use or not) is less than the number of pages on the data set.

Action: No immediate action is required. This discrepancy should disappear the next time the segment is formatted (S6BTLFPS) and restored (S6BTLRPS).

S6BBP141E

DSN XX BITMAP # PAGES = XXXXXXXX GREATER THAN ACTUAL PAGES = XXXXXXXX

Source: Pagestore Validation

Explanation: In the data set number indicated, the number of pages the control page thinks it controls exceeds the actual number of pages on the data set.

Action: This error could result in serious problems if the Data Object Broker attempts to use the nonexistent pages beyond the end of the data set. If there is any danger of this, do not use this segment until the problem has been resolved. Contact TIBCO Support.

S6BBP142E

PAGE # XXXXXXXX INCORRECTLY LABELLED XXXXXXXX

Source: Pagestore Validation

Explanation: Page numbers should match the page's location in the data set. The number on this page does not.

Action: Do not use the segment until this problem has been resolved. Further use could make a potentially serious problem, worse. Contact TIBCO Support.

S6BBP143E

ACCUMULATED FIELD SIZES NOT EQUAL ROW SIZE

Source: Pagestore Validation

Explanation: The field sizes within the current row have been totaled and do not equal the specified row size.

Action: Contact TIBCO Support.

The following information appears on the next line:

- ACCSZ=Total value of accumulated field sizes (HEX)
- ROWSZ=Specified Row Size (HEX)
- ROWOF=Offset of row relative to page start (HEX)
- FLDOF=Offset of field relative to page start (HEX)
- ROW#=Number of the row, where 1 = 1st

S6BBP144E

FIELD SIZE TOO BIG

Source: Pagestore Validation

Explanation: A field size encountered is too big for its row size.

Action: Contact TIBCO Support.

The following information is provided on the next line:

- FLDSZ=Size of field (HEX)
- ROWOF=Offset of row relative to page start (HEX)
- FLDOF=Offset of field relative to page start (HEX)
- ROW#=Number of the row, where 1 = 1st

S6BBP145E

INVALID FIELD SIZE

Source: Pagestore Validation

Explanation: An invalid field size was encountered.

Action: Contact TIBCO Support.

Following information provided on the next line:

- FLDSZ=Invalid field size (HEX)
- ROWOF=Offset of row relative to page start (HEX)

- FLDOF=Offset of field relative to page start (HEX)
- ROW#=Number of the row, where 1 = 1st

S6BBP146E

DATA PAGE VALIDATION ERROR DETECTED AT PAGE XXXXXXXX

Source: Pagestore Validation

Explanation: During data page validation, the indicated page was found to be in error. The first such error results in the utility abandoning further validation of the indicated page's data. A more specific message identifying the error can be found preceding this message.

Action: Contact TIBCO Support.

S6BBP147E

DATA PAGE ROW SIZE IS TOO BIG FOR PAGE XXXXXXXX

Source: Pagestore Validation

Explanation: A row size has been encountered on this page that is larger than the specified header-entry size.

Action: Contact TIBCO Support.

Following information provided on the next line:

- DATASZ=Header entry size (HEX)
- ROWSZ=Specified Row Size (HEX)
- ROWOF=Offset of row relative to page start (HEX)
- ROW#=Number of the row, where 1 = 1st

S6BBP148E**BAD FIELD OR ROW SIZE****Source:** Pagestore Validation**Explanation:** Using the row size and/or field size to traverse the page's data results in encountering an obviously incorrect row size.**Action:** Contact TIBCO Support.

Following information provided on the next line:

- ROWSZ=Specified Row Size (HEX)
- NXTSZ=Next Row Size (HEX)
- ROWOF=Offset of row relative to page start (HEX)
- FLDOF=Offset of field relative to page start (HEX)
- ROW#=Number of the row, 1 = 1st

S6BBP149E**FILE I/O ERROR, FUNCTION '%', ERRNO % %****Source:** Pagestore Validation**Explanation:** A file I/O related error has occurred. Messages that follow give the context for the error.**Action:** The function and errno information may be used to further diagnose the problem.**S6BBP150E****FILE I/O ERROR, FILE '%', FUNCTION '%', ERRNO % %****Source:** Pagestore Validation**Explanation:** A file I/O related error has occurred. Messages that follow will give the context for the error.**Action:** The file, function, and errno information may be used to further diagnose the problem.**S6BBP200E****AUDIT FILE COULD NOT BE OPENED****Source:** Pagestore Validation**Explanation:** The file that holds the execution report failed to open for output. This file is intended to be SYSOUT or a similar device. User abend code 201 is issued.**Action:** Check the JCL to ensure that it is correct.**S6BBP201E****ERROR LOG FILE COULD NOT BE OPENED****Source:** Pagestore Validation**Explanation:** The file that holds the error message report failed to open for output. This file is intended to be SYSOUT or a similar device. User abend code 201 is issued.**Action:** Check the JCL to ensure that it is correct.

S6BBP202E**ERROR ON OUTPUT - INDEX TEMPORARY WORK FILE****Source:** Pagestore Validation**Explanation:** An error occurred when trying to write to this work file.**Action:** The error was probably due to either lack of space or an unauthorized work directory. Correct and retry.**S6BBP203E****ERROR ON OUTPUT - PAGE TEMPORARY WORK FILE****Source:** Pagestore Validation**Explanation:** An error occurred trying to write to this work file.**Action:** Probably due to either lack of space or an unauthorized directory. Correct the problem and try again.**S6BBP204E****MISSING DATASET REFERENCE - ARCHIVE INCOMPLETE****Source:** Pagestore Validation**Explanation:** Pointer Check has been run on an incomplete segment backup.**Action:** Processing terminated. This can occur if backups are taken of individual segment-data sets and those data sets are then concatenated. It can also occur (if tape backup) if all tapes are not mounted. Check the number of data sets that comprise your segment and investigate.**S6BBP205E****INCOMPLETE ARCHIVE - SYSTEM PAGES****Source:** Pagestore Validation**Explanation:** Pointer Check has been run on an incomplete segment backup.**Action:** Processing terminated. This can occur if backups are taken of individual segment-data sets and those data sets are then concatenated. It can also occur (if tape backup) if all tapes are not mounted. Check the number of data sets that comprise your segment and investigate.**S6BBP206E****UNEXPECTED END OF FILE****Source:** Pagestore Validation**Explanation:** The archive (input file) appears to be incomplete.**Action:** Investigate and correct.**S6BBP207E****PAGE ZERO MISSING****Source:** Pagestore Validation**Explanation:** The archive is incomplete.**Action:** This utility cannot process archives which have missing page zeros.

S6BBP208E**CANNOT PROCESS ARCHIVE - JOB ABORTED**

Source: Pagestore Validation

Explanation: The file cannot be processed as an archive. Something about the file leads the utility to believe that the file is not a legal archive.

Action: Refer to the associated error message for more detailed information.

S6BBP209E**ILLEGAL PAGE NUMBER**

Source: Pagestore Validation

Explanation: An illegal page number was read from the archive. This page number is higher than the highest legal page number on a segment file.

Action: This error indicates either Pagestore corruption or that the file being processed is not an archive. If your investigation does not reveal the cause of the error, contact TIBCO Support. Make sure that the Pagestore file that appears to be corrupted is not used until the reason for the problem is discovered.

S6BBP210E**ILLEGAL SEGMENT NUMBER - IGNORED SEG# XXXX PAGE#:XXXXXXXX**

Source: Pagestore Validation

Explanation: A page was encountered containing an invalid segment number.

Action: Check that the data set or file used as input to the utility is valid. If it is, contact TIBCO Support.

S6BBP211E**ERROR IN dbdef FILE**

Source: Pagestore Validation

Explanation: An error was discovered when processing the dbdef file.

Action: The dbdef must be properly formatted as per the documentation. The error must be corrected before the utility can process the requested segment.

S6BBP212E**dbdef FILE COULD NOT BE OPENED**

Source: Pagestore Validation

Explanation: The dbdef file specified could not be opened.

Action: Correct and retry.

S6BBP213E**SEGMENT FILE COULD NOT BE OPENED**

Source: Pagestore Validation

Explanation: A segment file could not be opened.

Action: Make the segment file accessible and try again. This problem may be caused by the segment file being active. The segment must be offline and if the target segment is the MetaStor, the Data Object Broker must be shut down.

BT: Segment Reset

S6BBT001E

Table of FIELDS not found on Segment 0

Source: Segment Reset

Explanation: This is a MetaStor error.

Action: Contact TIBCO Support.

S6BBT002E

Could not retrieve page from Segment 0

Source: Segment Reset

Explanation: A MetaStor page read operation failed.

Action: Contact TIBCO Support.

S6BBT003E

Could not retrieve page from Target Segment

Source: Segment Reset

Explanation: A target segment read page operation failed.

Action: Contact TIBCO Support.

S6BBT004E

Target Segment has not been initialized (RTIX)

Source: Segment Reset

Explanation: The target segment cannot be reset in its present state.

Action: If the target segment contains data that you want to retain, the segment may be corrupted. Contact TIBCO Support. Otherwise, reformat the target segment and try again.

S6BBT005E

Target Segment has not been initialized (DUPL)

Source: Segment Reset

Explanation: At least one RTIX table entry exists on both the MetaStor and the target segment. The target segment cannot be reset under this condition.

Action: If needed data exists on the target segment, the segment cannot be reset. Otherwise, reformat the target segment and try the utility again.

S6BBT006E

Page Header error on Segment 0

Source: Segment Reset

Explanation: A problem was experienced with header data from the MetaStor. This may indicate data corruption.

Action: Contact TIBCO Support.

S6BBT007E**Segment 0 Page 1 Error****Source:** Segment Reset**Explanation:** There is a page format problem on the MetaStor, which may indicate either data corruption or a newly formatted segment 0.**Action:** If the MetaStor has not been completely built, complete the build according to the documentation. Otherwise, contact TIBCO Support.**S6BBT008E****Target Segment has not been initialized (HDR)****Source:** Segment Reset**Explanation:** A target segment page has a bad page header.**Action:** If the target segment contains needed data, contact TIBCO Support. Otherwise, format the segment and try again.**S6BBT009E****No definition found for this table****Source:** Segment Reset**Explanation:** No definition was found on the MetaStor for a table (name) that exists according to the RTIX.**Action:** Contact TIBCO Support.**S6BBT012E****FIELDS table error (Secondaries exceeded)****Source:** Segment Reset**Explanation:** The FIELDS table entry indicates that more Secondaries exist for the table than the permitted maximum.**Action:** Investigate and correct the table's definition data. If in doubt, contact TIBCO Support.**S6BBT013E****FIELDS table error (Field name)****Source:** Segment Reset**Explanation:** A table's definition data is corrupted.**Action:** Contact TIBCO Support.**S6BBT014E****Unexpected Page Type encountered, Segment 0****Source:** Segment Reset**Explanation:** A MetaStor page header corruption was encountered.**Action:** Contact TIBCO Support.**S6BBT015E****Unexpected Page Type encountered, Target Segment****Source:** Segment Reset**Explanation:** During the processing of the group index or data trees for the table being reset, an unexpected page type code was detected. Abend code 200 is issued.**Action:** Validate the table structure using S6BBRPTR.

S6BBT016E**No Tables defined for the Target Segment****Source:** Segment Reset**Explanation:** A request was made to reset a segment (target) but no tables exist for it on the base segment.**Action:** If the request is directed at the correct segment, this run is unnecessary.**S6BBT255E****Audit Trail File failed to OPEN****Source:** Segment Reset**Explanation:** The audit trail (printer) failed to open. User abend code 932 is issued.**Action:** Review job log for further details.**S6BBT501E****No Data Object Broker communication identification specified****Source:** Segment Reset**Explanation:** No communication identifier (e.g., VTAM name) is specified in the startup parameters data set.**Action:** Specify the Data Object Broker's communications identifier in the startup parameters data set, BPARM. The format is:
TDS=commid**S6BBT502E****No QUEUE name input****Source:** Segment Reset**Explanation:** The target queue name is not specified in the STARTUP PARAMETERS data set.**Action:** Specify the target queue name in the STARTUP PARAMETERS data set; the format is:

QUEUE=queue_name

S6BBT503E**Data Object Broker is unavailable****Source:** Segment Reset**Explanation:** The batch server is not able to communicate with the Data Object Broker.**Action:** Check the execution status of the Data Object Broker. The Data Object Broker must be active when the batch server is running. You may find messages in the batch server or Data Object Broker JES joblogs to explain why communications cannot be established or sustained.**S6BBT504E****Connection to the Data Object Broker failed****Source:** Segment Reset**Explanation:** The batch server failed to connect with the Data Object Broker.**Action:** Do one of the following:

- Ensure that the Data Object Broker is running.
- Ensure that the communication identifier for the Data Object Broker specified in the STARTUP PARAMETERS TDS= parameter data set BPARM is correct.

S6BBT505E

**Communication Error when reading
@BATCH_QUEUE**

Source: Segment Reset

Explanation: The batch server encountered an error when processing the target batch queue definition.

Action: Ensure that the Data Object Broker is running as well as checking the validity of the @BATCH_QUEUE table.

S6BBT506E

Undefined QUEUE Name: #

Source: Segment Reset

Explanation: The queue name provided in the startup parameter BPARM data set is not properly defined to Object Service Broker.

Action: Ensure that the queue name specified in the QUEUE= startup parameter is correct.

S6BBT507E

**Error encountered when reading
@BATCH_REQUEST**

Source: Segment Reset

Explanation: The batch server is unable to process batch requests on the target queue.

Action: Ensure that the Data Object Broker is running and check the validity of the @BATCH_REQUEST table.

S6BBT508E

Requested JCL name (#) not found

Source: Segment Reset

Explanation: The JCL for this request could not be read successfully from the Data Object Broker. The job was not submitted.

Action: Ensure that the Data Object Broker is running and check the validity of the @BATCH_JCL table.

S6BBT509E

Batch server step JCL missing

Source: Segment Reset

Explanation: The JCL step for running the Object Service Broker rule is missing in the @BATCH_JCL table.

Action: Check whether the Object Service Broker JCL step is in the table instance @BATCH_JCL(@DEFAULT,HURON). If the JCL is missing, contact the Object Service Broker system administrator to have it added to the table.

S6BBT510E

No batch server USERID specified

Source: Segment Reset

Explanation: No Object Service Broker Data Object Broker logon identifier is specified in the startup parameter file BPARM.

Action: Ensure that a logon ID is specified in the startup parameter file. The format is:
USERID=logon_identifier

S6BBT511E

Unable to dynamically allocate a JES Internal Reader

Source: Segment Reset

Explanation: The batch server cannot allocate an internal reader for submitting the batch requests. The server keeps trying to allocate the reader until it succeeds.

Action: Contact your systems programmer to increase the number of available internal readers.

S6BBT512I

Batch Queue (#) server waiting for next interval

Source: Segment Reset

Explanation: This message is produced when the program is in debug mode (the DEBUG parameter is set to YES), to provide feedback on the server queue facility's activity. Usually this mode is required only at the request of TIBCO Support.

Action: No action is required.

S6BBT513I

Batch server stopped by operator command (QUEUE=#)

Source: Segment Reset

Explanation: The batch server was shut down by an operator command (i.e., F jobname,STOP, or STOP jobname).

Action: No action is required.

S6BBT514I

Submitted JOB# USERID=# JCLID=#

Source: Segment Reset

Explanation: This message is produced when the program is in debug mode (the DEBUG parameter is set to YES), to provide feedback on the server queue facility's activity. Usually this mode is required only at the request of TIBCO Support. The three parameters listed, identify the JES job number of the job just submitted, the requesting Object Service Broker user and the JCL name submitted.

Action: No action is required. You may use the JES job number to identify the batch jobs submitted by this facility and to track their execution in JES. The USERID= parameter identifies the Object Service Broker user that requested this job submission and the JCLID= parameter identifies the requested JCL to execute.

BU: Batch Unload

S6BBU001I

999999999 DATA OCCURRENCES
UNLOADED

Source: Batch Unload

Explanation: This message provides a summary count of the data occurrences (records) unloaded.

Action: No action required.

S6BBU002I

999999999 TABLE INSTANCES ACCEPTED

Source: Batch Unload

Explanation: This message provides a summary count of the table instances accepted by selection processing.

Action: No action required.

S6BBU003I

999999999 TABLE INSTANCES REJECTED

Source: Batch Unload

Explanation: This message provides a summary count of the table instances rejected by selection processing.

Action: No action required.

S6BBU004I

999999999 TOTAL DATA OCCURRENCES
UNLOADED

Source: Batch Unload

Explanation: This message provides a summary count of all the data occurrences (records) unloaded.

Action: No action required.

S6BBU050W

SELECTION RECORD 999 CONTAINS
INVALID NUMERIC FOR PARAMETER
XXXXXXXXXXXXXXXXXX

Source: Batch Unload

Explanation: The specified table instance selection record contains invalid data for the indicated numeric parameter.

Action: The record is rejected.

S6BBU051W

NULL-EQUIVALENT VALUE IS IGNORED

Source: Batch Unload

Explanation: Null-equivalent values (in columns 64-79) are valid for packed decimal and binary fields only. Columns 64-79 on this line are ignored.

Action: None.

S6BBU100E**TABLE TO BE UNLOADED DOES NOT CONTAIN ANY DATA****Source:** Batch Unload**Explanation:** The table that is to be unloaded does not contain any data; it is an empty table.**Action:** Determine whether the requested table was actually the one to be unloaded.**S6BBU101E****UNEXPECTED PAGE TYPE DETECTED****Source:** Batch Unload**Explanation:** During the processing of the group index or data trees for the table being unloaded, an unexpected page type code was detected.**Action:** Validate the table structure using S6BBRPTR.**S6BBU102E****GROUP INDEX PAGE HAS UNEXPECTED ENTRY LENGTH****Source:** Batch Unload**Explanation:** The expected length of a group index entry (based on the Object Service Broker definition cards) is less than the actual length.**Action:** Check the definition control cards.**S6BBU103E****FILE OPEN ERROR; I - DEFINITION CONTROL CARDS****Source:** Batch Unload**Explanation:** The definition control card file failed to open for input. Abend code 200 is issued.**Action:** See the job log for more details.**S6BBU104E****TABLE INSTANCE SELECTION CONTROL NOT FOUND****Source:** Batch Unload**Explanation:** The table instance selection file is present, but the first record of the file is not a control record. Abend code 200 is issued.**Action:** Correct the selection file.**S6BBU105E****SPACE NOT AVAILABLE TO RETAIN INFORMATION FOR TABLE INSTANCE SELECTION****Source:** Batch Unload**Explanation:** GETMAIN failed to retrieve storage for the table instance selection table entries. Abend code 200 is issued.**Action:** Check the job log and storage limits.**S6BBU106E****RESIDENT TABLE INDEX ENTRY NOT FOUND FOR TABLE****Source:** Batch Unload**Explanation:** The table specified to be unloaded is not in the resident table index.**Action:** Check the spelling of the table name, and make sure the table type is TDS.

S6BBU107E**FILE OPEN ERROR; - UNLOAD FILE****Source:** Batch Unload**Explanation:** The file used to retain unloaded records cannot be opened for output.**Action:** Investigate and correct.**S6BBU108E****DEFINITION CONTROL CARD TYPE CODE NOT RECOGNIZED****Source:** Batch Unload**Explanation:** The type code on the table definition control cards is not valid. Abend code 200 is issued.**Action:** Check the control card type (column 7).**S6BBU109E****SPACE NOT AVAILABLE TO RETAIN INFORMATION FOR TABLE DEFINITION****Source:** Batch Unload**Explanation:** GETMAIN failed to retrieve space to hold the table definition information. Abend code 200 is issued.**Action:** Check the job log for storage limits.**S6BBU110E****SPACE NOT AVAILABLE TO RETAIN INFORMATION FOR GROUP INDEX PAGE IMAGE****Source:** Batch Unload**Explanation:** GETMAIN failed to retrieve space to hold a group index page image.**Action:** Memory requirements exceed those provided.**S6BBU111E****DATA VALUE IS LARGER THAN DEFINED LENGTH FOR FIELD XXXXXXXXXXXXXXXX****Source:** Batch Unload**Explanation:** The specified field name contains physical data that is larger than the maximum length of the fields specified in the definition cards. Abend code 200 is issued.**Action:** Correct the definition cards.**S6BBU112E****DATA CONTAINS MORE FIELDS THAN THE DEFINITION****Source:** Batch Unload**Explanation:** An occurrence in the table contains more fields than were specified by the Definition Control File.**Action:** Check the definition.**S6BBU113E****PARAMETER COUNT VALUE NOT NUMERIC****Source:** Batch Unload**Explanation:** In the control file, the table definition for the table being unloaded requires that the # PARAMETERS field be numeric.**Action:** The # PARAMETERS field must be blank or numeric; enter the correct value.

S6BBU114E**FIELD COUNT VALUE NOT NUMERIC****Source:** Batch Unload**Explanation:** In the control file, the table definition for the table being unloaded requires that the # OF FIELDS field be numeric.**Action:** The # OF FIELDS field must be blank or numeric; enter the correct value.**S6BBU115E****PARAM/FIELD LENGTH VALUE NOT NUMERIC****Source:** Batch Unload**Explanation:** In the control file, the table definition for the table being unloaded requires that the PARAMETER/FIELD LENGTH field be numeric.**Action:** The PARAMETER/FIELD LENGTH field must be blank or numeric; enter the correct value.**S6BBU116E****PARAM/FIELD DECIMAL POSITION VALUE NOT NUMERIC****Source:** Batch Unload**Explanation:** In the control file, the table definition for the table being unloaded requires that the # OF DECIMAL PLACES field be numeric.**Action:** The # OF DECIMAL PLACES field must be blank or numeric; enter the correct value.**S6BBU117E****PARAM/FIELD OFFSET VALUE NOT NUMERIC****Source:** Batch Unload**Explanation:** In the control file, the table definition for the table being unloaded requires that the FIELD OFFSET field be numeric.**Action:** The FIELD OFFSET field must be blank or numeric; enter the correct value.**S6BBU118E****TOTAL RECORD LENGTH SPECIFIED AS NONNUMERIC VALUE****Source:** Batch Unload**Explanation:** In the control file, the table definition for the table being unloaded requires that the TOTAL RECORD LENGTH field be numeric.**Action:** The TOTAL RECORD LENGTH field must be blank or numeric; enter the correct value.**S6BBU119E****TABLE DATA NOT ON THE REQUESTED SEGMENT****Source:** Batch Unload**Explanation:** You have requested the unload of a table which does not exist on the segment you have indicated.**Action:** Check that you have entered the correct segment ID for the table you wish to unload. If it is wrong, correct it and try again; otherwise, contact your support staff to investigate why the RTIX entry for the table's data is missing.

S6BBU121E**# OF PARMS/FIELDS DIFFERS FROM T SPEC****Source:** Batch Unload**Explanation:** The control file table definition differs from that of the table definition on the Pagestore. They must be the same.**Action:** If the control file (table definition) you are using does not agree with the Pagestore's table definition, then the control file must be corrected before the UNLOAD will accept it.**S6BBU122E****SELECTION REQUESTED BUT NO PARMS IN TABLE****Source:** Batch Unload**Explanation:** Selection Criteria refers to parameter instances; the table being unloaded has no parameters according to the Definition Control File**Action:** Check and correct.**S6BBU124E****NULL-EQUIVALENT VALUE SPECIFIED IS INVALID****Source:** Batch Unload**Explanation:** Either the null-equivalent-code (LOWVALUE, HIGHVALUE, or NOVALUE) is misspelled or the value entered is not numeric. Columns 64-79 are invalid.**Action:** Check and correct.**S6BBU126E****CONTROL FILE INCORRECT RECORD LENGTH****Source:** Batch Unload**Explanation:** This data set should be F or FB, LRECL = 80.**Action:** Correct and retry.**S6BBU133W****NULL-EQUIVALENT VALUE FOUND IN TABLE ROW FIELD****Source:** Batch Unload**Explanation:** The Null-equivalent value (the default value if nothing entered in columns 64-79 or the value entered in columns 64-79) has been found in the table row field indicated. This means that the field, if reloaded with the same null-equivalent value, will be loaded as NULL. The null-equivalent value should be a value which will not be found in the table data. This means when it is used in unloaded file fields to represent NULL, it can be safely converted back to NULLs if/when the data is loaded back to an Object Service Broker table.**Action:** If this warning is ignored and the table is reloaded to an Object Service Broker table, the fields identified by this warning will be converted to Null on the loaded table. This means the reloaded table's data will be different from the original table's (before this unload) data. If an unused value cannot be selected to represent Null for this field in the unloaded file, this table should not be unloaded using this utility; use the online UNLOAD tool.

S6BBU134E**NULL FOUND IN "NOVALUE" (NO NULLS ALLOWED) FIELD****Source:** Batch Unload

Explanation: "NOVALUE" placed in columns 64-79 of a field's definition control entry indicates that no Nulls will be found in the table data for that field. A Null has been found and because no Null-equivalent value can be used on the output file, the integrity of the data cannot be maintained if the data were to be reloaded to an Object Service Broker table.

Action: This utility cannot be used to unload this table; use the online UNLOAD function.

S6BBU137E**WARNINGS LIMIT EXCEEDED****Source:** Batch Unload

Explanation: This utility will terminate after the maximum permitted warnings have been issued.

Action: The number of warnings indicate that the table data selected may not match the definition provided in the control file. Investigate the mismatch, make the required corrections using BATCHUNLD_CARDS, and resubmit.

S6BBU138I**TABLE ROW NUMBER****Source:** Batch Unload

Explanation: This is the table row number that could not be unloaded.

Action: Check that the table selected matches the definition in the control file. Investigate the reason, if a mismatch exists.

S6BBU139E**ACCESS FOR UNLOAD DENIED****Source:** Batch Unload

Explanation: The user does not have the correct authorization to unload the table requested.

Action: Contact your Object Service Broker Security Administrator if you should have unload authority for the table requested.

S6BBU140E**OUTPUT DATASET ERROR RECFM OR LRECL****Source:** Batch Unload

Explanation: This data set must be RECFM VB.

Action: If data set is RECFM VB, check and correct LRECL/BLKSIZE.

S6BBU142E**SECURITY TABLE(S) NOT ACCESSIBLE****Source:** Batch Unload

Explanation: In order to check whether the user has the authority to unload this table it is necessary to access the Object Service Broker Security Tables. These tables must be located on the MetaStor.

Action: Check with your system administrator.

S6BBU143E**SYNTAX/SEMANTIC TYPE COMBINATION NOT SUPPORTED****Source:** Batch Unload

Explanation: The semantic type and syntax code combination on the identified definition card is not supported.

Action: Correct the definition cards and resubmit the job.

S6BBU144E

**UNICODE FIELD LENGTH MUST BE EVEN
(DIVISIBLE BY 2)**

Source: Batch Unload

Explanation: The identified definition card contains a field with a Unicode syntax whose length is not even. This is not supported.

Action: Correct the definition cards and resubmit the job.

S6BBU145E

**UNICODE PARAMETERS AND KEYS ARE
NOT SUPPORTED**

Source: Batch Unload

Explanation: Unicode syntax is not supported for a parameter or key fields.

Action: Correct the definition cards and run the job again.

S6BBU200E

**APPLID MISSING OR GREATER THAN 8
CHARACTERS**

Source: Batch Unload

Explanation: The TIBCO(r) Object Service Broker communication identifier (e.g., VTAM APPLID) specified in the startup parameters is invalid or missing. Abend code 100 is issued.

Action: Correct the run time parameters.

S6BBU201E

COMMUNICATION PORT FAILED TO OPEN

Source: Batch Unload

Explanation: The TIBCO(r) Object Service Broker communication identifier (e.g., VTAM APPLID) specified in the startup parameters is invalid or missing. Abend code 101 is issued.

Action: Correct the run time parameters.

S6BBU202E

ATTEMPT TO ESTABLISH SESSION FAILED

Source: Batch Unload

Explanation: The attempt to connect to the Data Object Broker failed. Abend code 102 is issued.

Action: Check that TIBCO(r) Object Service Broker is active.

S6BBU203E

**PAGE BUFFER SPACE NOT AVAILABLE
BELOW THE LINE**

Source: Batch Unload

Explanation: GETMAIN failed to retrieve storage below the 16 MB line. Abend code 103 is issued.

Action: Increase the region size in your JCL.

S6BBU204E

RELEASE MISMATCH, SESSION COULD NOT BE ESTABLISHED

Source: Batch Unload

Explanation: The connection to the Data Object Broker failed because the unload utility and Data Object Broker are at different release levels. Abend code 104 is issued.

Action: Check the release of the load libraries used.

S6BBU205E

**PAGE READ PROCESSING FAILED;
UNLOAD TERMINATED**

Source: Batch Unload

Explanation: An attempt to retrieve a page failed. Abend code 105 is issued.

Action: See the job log for more details, and contact TIBCO Support.

BX: Batch Secondary Index

S6BBX001E**SPACE FOR DEFINITION TABLE IS NOT AVAILABLE**

Source: Batch Secondary Index

Explanation: GETMAIN failed to get internal space for the table to return the definition of the Object Service Broker table.

Action: Memory available is not sufficient to execute.

S6BBX002E**CONTROL CARD INPUT FILE FAILED TO OPEN**

Source: Batch Secondary Index

Explanation: The attempt to open the control card file for input failed.

Action: See the job log for additional information.

S6BBX003E**DEFINITION DOES NOT IDENTIFY A NEW SECONDARY**

Source: Batch Secondary Index

Explanation: You did not identify a new secondary index. The secondary indexes identified from the cards already exist.

Action: Correct the control cards.

S6BBX004E**INTERNAL TABLE WORKING SPACE NOT AVAILABLE**

Source: Batch Secondary Index

Explanation: GETMAIN failed to get space to retain internal tables.

Action: Check the storage limits above the line.

S6BBX020E**CONTROL CARD TYPE CODE IS INVALID,(EXPECTED H OR S)**

Source: Batch Secondary Index

Explanation: The control card type (in column 1) contains an invalid code. Only H or S are supported.

Action: See the card image with the message and correct the control cards.

S6BBX021E**OUTPUT DEFINITION CARDS ARE OUT OF SEQUENCE**

Source: Batch Secondary Index

Explanation: The sequence numbers (column 3-5) for the output definition cards are not properly sorted.

Action: Reorganize the Object Service Broker output definition cards or correct the sequence numbers.

S6BBX022E**OUTPUT DEFINITION CARD HAS INVALID ENTRY TYPE (R,P OR F)****Source:** Batch Secondary Index**Explanation:** The entry type code (column 7) is invalid for an Object Service Broker output definition. Only R (record), P (parameter), and F (field) are acceptable.**Action:** Change the entry type code to R, P, or F.**S6BBX023E****DEFINITION TABLE OVERFLOW, INCREASE MAX FIELDS ON SPEC****Source:** Batch Secondary Index**Explanation:** The internal table that retains the Object Service Broker table definition information has overflowed.**Action:** Increase the maximum number of fields on the specification card. Refer to the online Utilities documentation for details.**S6BBX024E****OUTPUT DEFINITION SEMANTIC TYPE/SYNTAX NOT SUPPORTED****Source:** Batch Secondary Index**Explanation:** The semantic type (column 46) and syntax code (column 48) do not form a valid combination.**Action:** Change either the semantic type or the syntax to form a valid combination. Refer to the Processing manual for a list of valid combinations or check the online definition.**S6BBX025E****OUTPUT DEFINITION CARD FIELD LENGTH BLANK/OUT OF RANGE****Source:** Batch Secondary Index**Explanation:** The field length (column 50-52) on the output definition card is either blank or the value is outside the range for the given syntax or key type. A secondary index is constrained to 127 bytes.**Action:** Enter a field length that is within the range for the syntax or key type required. Check the online definition.**S6BBX026E****OUTPUT DEFINITION CARD DECIMAL POSITION IS OUT OF RANGE****Source:** Batch Secondary Index**Explanation:** The decimal position (column 54-55) specified for the Object Service Broker parameter field is outside the range of the field length.**Action:** Enter a decimal position that is within the range for the field length.**S6BBX027E****OUTPUT DEFINITION CARD KEY TYPE NOT SUPPORTED (" ",P/S)****Source:** Batch Secondary Index**Explanation:** The Object Service Broker key type (column 57) is invalid. Only a blank, P (primary key), and S (secondary key) are supported.**Action:** Enter a P, S, or a blank for the output Object Service Broker key type.

S6BBX028E**INVALID UNIT COUNT SPECIFIED**

Source: Batch Secondary Index

Explanation: This field on the control data set must be either blank or a number equal to or less than the actual total number of units comprising the dynamic unit name selected.

Action: Correct and retry.

S6BBX029E**UNICODE FIELD LENGTH MUST BE EVEN**

Source: Batch Secondary Index

Explanation: The field length for a field with Unicode syntax must be even.

Action: Correct the S6BBSIX CNTRL input cards and resubmit the job.

S6BBX030E**UNICODE SYNTAX NOT SUPPORTED FOR PARMS OR KEYS**

Source: Batch Secondary Index

Explanation: The definition cards provided to the S6BBSIX Offline Batch Utility indicate that a field with a Unicode syntax is to be used as a parameter or key (primary or secondary). This is not supported.

Action: Correct the input control cards and resubmit the job.

S6BBX040E**SPECIFICATION CARD MAXIMUM PROCESS RECORDS NOT NUMERIC**

Source: Batch Secondary Index

Explanation: The maximum record field (column 15-29) contains invalid numerics.

Action: Correct the value and ensure that it is right aligned.

S6BBX041E**SPECIFICATION CARD MAXIMUM NUMBER OF FIELD NOT NUMERIC**

Source: Batch Secondary Index

Explanation: The maximum number of fields value (column 31-33) contains invalid numeric values.

Action: Correct the value and ensure that it is right aligned.

S6BBX042E**SPECIFICATION CARD MAXIMUM BLOCK SIZE IS NOT NUMERIC**

Source: Batch Secondary Index

Explanation: The maximum block size field (column 44-48) contains invalid numerics.

Action: Correct the value and ensure that it is right aligned.

S6BBX060E**SPACE FOR INDEX CONTROL STACK NOT AVAILABLE**

Source: Batch Secondary Index

Explanation: GETMAIN failed to get space to retain the index-level stack.

Action: Check the storage limits above the line.

S6BBX061E**REQUESTED SECONDARY INDEX
ALREADY EXISTS**

Source: Batch Secondary Index

Explanation: A definition key type was specified as S for a secondary index that already existed. Only specify S for new secondary indexes.

Action: Correct the control cards.

S6BBX062E**LOAD TABLE COULD NOT BE LOCATED
ON CONTROL PAGE**

Source: Batch Secondary Index

Explanation: The requested table name is greater than all the TDS tables currently in the TIBCO(r) Object Service Broker data store.

Action: Check the spelling of the table name and check that the correct segment was processed.

S6BBX063E**LOAD TABLE COULD NOT BE LOCATED
ON TABLE INDEX**

Source: Batch Secondary Index

Explanation: The Resident Table Index entry for the requested table cannot be located.

Action: Verify the following:

- The spelling of the table name.
- The table type = TDS.
- The segment.

S6BBX064E**SPACE NOT AVAILABLE FOR SECONDARY
INDEX TABLE**

Source: Batch Secondary Index

Explanation: GETMAIN failed to get space to retain the TIBCO(r) Object Service Broker secondary index table page.

Action: Check the storage limits above the line.

S6BBX065E**SECONDARY INDEX TABLE PAGE INVALID**

Source: Batch Secondary Index

Explanation: A secondary index table page (T) exists but contains no entries.

Action: Contact TIBCO Support.

S6BBX080E**DYNAMIC ALLOCATION OF TEMPORARY
FILE FAILED**

Source: Batch Secondary Index

Explanation: S6BBRSIX detected a failure when it attempted to allocate a temporary work file.

Action: Check the unit on the specification card, and check the job log for additional information.

S6BBX081E**SPACE NOT AVAILABLE FOR TEMPORARY
FILE DCB DEFINITION**

Source: Batch Secondary Index

Explanation: GETMAIN failed to get DCB space.

Action: Increase the below the line region size in your JCL.

S6BBX100E**WORK FILE USED TO RETAIN CAPTURED DATA FAILED TO OPEN****Source:** Batch Secondary Index**Explanation:** A sequential file is used to retain data pointers captured from the Object Service Broker Pagestore. The file intended to retain this data failed to open.**Action:** See the job log for additional information.**S6BBX101E****INVALID PAGE TYPE DETECTED WHEN EXTRACTING DATA****Source:** Batch Secondary Index**Explanation:** An unexpected page type was detected during the attempt to capture information required for the secondary index build.**Action:** Run S6BBRPTR to verify segment integrity.**S6BBX102E****SPECIFIED SYNTAX CODE INVALID FOR CAPTURE PROCESSING****Source:** Batch Secondary Index**Explanation:** You specified an invalid syntax code on a parameter or field required by extract processing.**Action:** Correct the control cards.**S6BBX103E****RESIDENT TABLE INDEX OFFSET CALCULATION ERROR DETECTED****Source:** Batch Secondary Index**Explanation:** A Resident Table Index internal control error is detected.**Action:** Contact TIBCO Support.**S6BBX104E****SORT TYPE CODE NOT FOUND FOR SECONDARY KEY SYNTAX CODE****Source:** Batch Secondary Index**Explanation:** The syntax of a parameter, primary key field, or secondary key field cannot be translated for the sort parameter list.**Action:** Contact TIBCO Support.**S6BBX105E****SECONDARY INDEX SORTING FAILED****Source:** Batch Secondary Index**Explanation:** The routine used to sort the extracted data into the appropriate order for secondary index creation failed.**Action:** See the job log for additional information.**S6BBX106E****INPUT OPEN ERROR DETECTED ON INDEX TEMPORARY FILE****Source:** Batch Secondary Index**Explanation:** The file used to retain indexing information failed to open during the index construction phase of processing.**Action:** See the job log for additional information.

S6BBX107E**INDEX CONTROL TABLE OVERFLOWED-
TOO MANY INDEXING LEVELS****Source:** Batch Secondary Index**Explanation:** The batch secondary index build process was designed to support 5 levels of indexing. This limit has been exceeded.**Action:** Contact TIBCO Support.**S6BBX108E****GROUP INDEX CAPTURE FILE FAILED TO
OPEN FOR OUTPUT****Source:** Batch Secondary Index**Explanation:** The work file that retains group index (table instance) information failed to open.**Action:** See the job log for additional information.**S6BBX109E****TOO MANY SECONDARY INDEXES****Source:** Batch Secondary Index**Explanation:** An attempt has been made to create more secondary indexes than the Object Service Broker system supports.**Action:** Consult your System Administrator for the maximum number of secondary indexes allowed for the release of Object Service Broker you are using.**S6BBX110E****TABLE ROW DATA INVALID****Source:** Batch Secondary Index**Explanation:** The utility is unable to process table data obtained from the Pagestore.

A possible cause of this problem is the use of out-of-date control cards to attempt to build the secondary index after adding extra fields to the underlying table.

Action: Verify your control cards. If they are correct, contact TIBCO Support for assistance in resolving the issue.**S6BBX111E****NUMERIC SECONDARY INDEX, VALUE IS
NULL****Source:** Batch Secondary Index**Explanation:** Secondary indexes cannot contain numeric nulls.**Action:** It is not possible to create a secondary index for fields which have NULL values and are defined as either binary or packed decimal syntax.**S6BBX112E****TABLE HAS NO DATA****Source:** Batch Secondary Index**Explanation:** The table specified has no data.**Action:** Unload of empty table is not possible**S6BBX113I****BROWSE MODE - REQUEST VALIDATION
COMPLETED****Source:** Batch Secondary Index**Explanation:** You requested the BROWSE=Y PARM option which results in termination after the validation of the control file entries**Action:** No action required

S6BBX114E**GET TABLE DATA PAGE FAILED**

Source: Batch Secondary Index

Explanation: The program was unable to read a page from the segment.

Action: Ensure the correct number of data sets for the correct segment were opened at startup. If this seems correct then take a backup/pointercheck of the segment and rerun the program and capture a dump. Contact support and supply output from all three programs and the dump.

S6BBX124E**REQUESTED TABLE NAME NOT FOUND IN INDEX**

Source: Batch Secondary Index

Explanation: The table name specified in the control file does not have an entry in the requested segment RTIX.

Action: Check the table name and the segment number. If both are correct, the table must be defined and contain data before a secondary index can be built.

S6BBX125E**NO SECONDARY INDEXES SPECIFIED**

Source: Batch Secondary Index

Explanation: The control file does not indicate any secondary index fields

Action: Check to make sure the correct control file is being used, if it is then modify the control file to indicate which field(s) are to be used as secondaries.

S6BBX126E**ERROR ENCOUNTERED JOB ABORTED**

Source: Batch Secondary Index

Explanation: An unexpected event occurred that the utility cannot handle.

Action: The detail associated with this message is essential to identify and resolve the problem. Print the audit report and pass it on to TIBCO Support.

S6BBX135E**WRITE TO PAGESTORE FAILURE**

Source: Batch Secondary Index

Explanation: A write to the Pagestore has failed.

Action: The detail associated with this message is essential to identify and resolve the problem. Print the audit report and pass to support personnel.

S6BBX136E**EXPECTED PAGE NOT FOUND ON PAGESTORE**

Source: Batch Secondary Index

Explanation: The page retrieved is not the page expected by the utility.

Action: Print the audit report and pass to support personnel.

S6BBX137E**OLD GROUP INDEX CAPTURE RECORD OUTPUT FAILURE**

Source: Batch Secondary Index

Explanation: A work file has run out of space and the job is aborted.

Action: Provide more space in the current or selected work directory and retry.

S6BBX144E**INDEX CAPTURE WORK FILE FAILED TO OPEN FOR OUTPUT****Source:** Batch Secondary Index**Explanation:** The utility needs to build a work file. A path (-W) to the directory if specified will result in the utility trying to use that directory for the work file otherwise it will attempt to build the work file in the current directory.**Action:** Make sure you have the necessary permissions in the directory you have specified (or defaulted).**S6BBX147E****NO INDEX INFORMATION ON WORK FILE****Source:** Batch Secondary Index**Explanation:** The Index Work File is empty; no index information was recovered for the table.**Action:** If the table contains no data, a secondary index cannot be built. If the table contains data print the audit file and pass to support personnel.**S6BBX157E****FREE-PAGE REQUEST FAILURE****Source:** Batch Secondary Index**Explanation:** The utility could not locate a free page.**Action:** The Pagestore segment is full; increase the space available and try again.**S6BBX159E****REQUIRED PAGE COULD NOT BE RETRIEVED****Source:** Batch Secondary Index**Explanation:** The utility was unable to retrieve a previously retrieved page.**Action:** Contact support personnel.**S6BBX170E****RESIDENT TABLE INDEX UPDATE PREPARATION FAILED****Source:** Batch Secondary Index**Explanation:** The utility was unable to locate previously retrieved information on the RTIX.**Action:** Contact TIBCO Support.**S6BBX255E****AUDIT TRAIL FILE (PRINTER) FAILED TO OPEN****Source:** Batch Secondary Index**Explanation:** A write-to-operator message is generated to indicate that the file used to retain the execution report (audit trail) cannot be opened.**Action:** See the job log for additional information.

CF: Configuration Processing

S6BCF001E

Error detected in the Execution Environment EXEC parameter string

Source: Configuration Processing

Explanation: An error was detected when processing the Execution Environment startup parameter string.

Action: Refer to the next message for more information about the error.

CONFIGURATION can be used to override the default module name. Verify that a configuration default module was generated correctly.

S6BCF002E

Error detected in the HRNIN parameter file

Source: Configuration Processing

Explanation: An error was detected when processing the HRNIN DDNAME file for Execution Environment parameters.

Action: Refer to the next message for more information about the error.

S6BCF004I

Configuration defaults loaded from member "%"

Source: Configuration Processing

Explanation: The configuration defaults for the Execution Environment were successfully loaded.

Action: No action needs to be taken.

S6BCF003E

Load of configuration defaults member "%" failed

Source: Configuration Processing

Explanation: The installation's configuration defaults could not be loaded.

Action: Either an I/O error occurred when attempting to load the configuration defaults module, or the configuration defaults module does not exist. Each type of Object Service Broker Execution Environment has a standard defaults module name. In addition, the Execution Environment parameter

CM: General Communications

S6BCM000E

Communication protocol error occurred in connection to %

Source: General Communications

Explanation: A message sent from one process to another contains invalid data.

Action: If the messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BCM001E

Attempt to send kill signal failed

Source: General Communications

Explanation: The attempt by one Object Service Broker process to kill another via the kill signal failed.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BCM002E

Failed to retrieve a message from the message DLL

Source: General Communications

Explanation: An attempt to retrieve a message from the message DLL failed.

Action: Make sure the file osmsgs.dll is located in the installation's bin folder. If the message persists, contact TIBCO Support.

S6BCM003E

Failed to write log message to the system event log

Source: General Communications

Explanation: An attempt to write a log message to the system event log failed.

Action: Make sure your event log is not full.

S6BCM007E

Socket operation failed, '%'

Source: General Communications

Explanation: The specified operation failed on a socket connection.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BCM008E

Create registry key

\\HKEY_LOCAL_MACHINE\\SYSTEM\\CurrentControlSet\\Services\\EventLog\\Application\\ObjectStar

Source: General Communications

Explanation: An attempt to create the specified registry key failed.

Action: Examine the operating system error codes to determine the reason for the failure.

S6BCM009E

Insert EventMsgFile value into the message DLL registry key

Source: General Communications

Explanation: An attempt to set the Object Service Broker event message file failed.

Action: Examine the operating system error codes to determine the reason for the failure.

S6BCM010E

Insert TypesSupported value into the message DLL registry key

Source: General Communications

Explanation: An attempt to enter the types supported by the Object Service Broker event source failed.

Action: Examine the operating system error codes to determine the reason for the failure.

S6BCM011E

Register the event source

Source: General Communications

Explanation: An attempt to register the Object Service Broker event source failed.

Action: Examine the operating system error codes to determine the reason for the failure.

S6BCM800I

COMMUNICATION RESMGR CLEANUP SUCCESSFUL FOR ASID=X'% ' | TCB=X'% '

Source: General Communications

Explanation: This message provides the status of the communications services cleanup that the resource cleanup module performed. The resource cleanup module received control from the z/OS Recovery Termination Manager because an address space or task ended unexpectedly.

The first variable holds ASID data if processing is unilateral. The second variable holds TCB data if the cleanup processing is bilateral. Unilateral resource cleanup occurs if a failing address space has insufficient resources or z/OS has terminated it. Bilateral resource cleanup occurs when the terminated task has not been removed from the address. The resource cleanup module can then attempt to coordinate cleanup between the terminated task and other tasks in other address spaces that had active communication with it.

Action: This message is informational only and indicates successful completion of communications services cleanup. No action is required.

S6BCM801I

COMMUNICATION RESMGR CLEANUP UNILATERAL PROCESSING SUCCESSFUL

Source: General Communications

Explanation: Unilateral resource cleanup processing completed successfully. Unilateral resource cleanup notifies all communications partners that the component is no longer available. It occurs

when a z/OS address space containing an Object Service Broker communications environment terminated abnormally or the bilateral resource cleanup failed.

Action: This message is informational only. No action is required.

S6BCM810W

COMMUNICATION RESMGR CLEANUP COULD NOT EXECUTE BILATERAL CLEANUP, DEMOTING TO UNILATERAL FOR %

Source: General Communications

Explanation: The resource cleanup module was attempting to use bilateral resource cleanup to recover resources from a task that ended abnormally in an Object Service Broker address space. The error, described in a previous message, occurred during this cleanup and unilateral cleanup occurred instead. Unilateral resource cleanup notifies all communications partners that the component is no longer available.

The message includes the Object Service Broker communications identifier of the Object Service Broker environment involved.

Action: This message is informational only and indicates the cleanup steps taken. No action is required.

S6BCM870E

ABEND= %, REASON=X%' INTERCEPTED IN COMMUNICATIONS REQUEST HANDLER

Source: General Communications

Explanation: This message is issued by the Object Service Broker communications request handler ESTAE routine because of an abend during communications processing.

The ESTAE recovery routine will attempt to recovery from the abend. Message S6BCM871E is issued if recovery fails. Other messages may also be issued to indicate success or failure of the recovery. Diagnostic data, consisting of an error record in the system log, is also provided and if possible, an SVC dump is collected.

The first variable contains the system or user abend code. The second variable contains the reason code for the error.

Action:

1. Ensure the communications are still available.
2. Collect any diagnostic information available (System log printout, JES log for the affected Object Service Broker address spaces, and any dumps) and contact TIBCO Support.
3. Optionally, recycle your Data Object Broker or Execution Environment.

S6BCM871E

COMMUNICATIONS ESTAE CLEANUP FAILED - ABEND WILL BE PERCOLATED

Source: General Communications

Explanation: This message is issued in along with message S6BCM870E. A cleanup attempt during recovery processing for a communications request handler failed. No further communications recovery attempt is to be made for the request handler. The caller of the communications request may still attempt recovery. If this recovery is unsuccessful, the affected Object Service Broker component is abnormally ended and a dump is requested.

Action: Collect diagnostic information available (system log printout, JES log for the affected Object Service Broker address spaces, and any dumps) and contact TIBCO Support.

S6BCM889E

COMMUNICATION RESMGR CLEANUP FOR % FAILED for %

Source: General Communications

Explanation: The resource cleanup module cannot successfully release task or address space resources allocated to Cross Memory Services. This message is specific to the first failure encountered.

The first variable in the message represents the Object Service Broker communications identifier of the Object Service Broker environment involved. The second variable represents one of the following:

- ABNDCDE=X'.....' - a task abnormal end was intercepted during resource cleanup. The text supplies data from the TCBCMP field of the affected task. This is only produced if resource cleanup failed.
- RTRNCDE=X'.....' - a nonzero return code was received during communications termination. The resource cleanup cannot bypass the condition causing the termination.
- RESOURCES UNAVAILABLE - the minimal resources required for resource cleanup (e.g., GETMAIN storage, establishing a recovery environment via ESTAE) are unavailable. Resource cleanup failed.

Action: This message is only significant to Object Service Broker and does not necessarily indicate an error that impacts z/OS. When issued, the following symptoms may be displayed:

- A user may appear to be logged on after the Execution Environment that supported the user has terminated. The user is unable to re-logon to the same Data Object Broker.
- Data access requests from other users may be queued indefinitely because of locks

still held by the user that appears to be logged on.

If any of these symptoms are displayed, do the following:

- Using the Object Service Broker operator interface, terminate the user's session.
- In exceptional cases, shutdown and restart the Data Object Broker.
- Collect any diagnostic information available (system log printout, JES log for the affected Object Service Broker address spaces, and any dumps) and contact TIBCO Support.

S6BCM890I

COMMUNICATION RESMGR CLEANUP UNILATERAL PROCESSING MAY BE INCOMPLETE

Source: General Communications

Explanation: Unilateral resource cleanup did not successfully notify all communications partners that a communications component is no longer available. Unilateral resource cleanup occurs when a z/OS address space containing an Object Service Broker communications environment terminated abnormally or the bilateral resource cleanup failed.

Action: Collect diagnostic information (system log printout, JES log for the affected Object Service Broker address spaces, and any dumps) and contact TIBCO Support.

S6BCM898W

MODULE % COULD NOT BE LOADED

Source: General Communications

Explanation: The program made a request for an additional program module. However, the named module could not be loaded.

Action: Verify that the load module libraries have not been damaged. This message should always be paired with the S6BCM999E message providing the return code from the LOAD macro. Record this information and contact TIBCO Support.

S6BCM900I

OPENPORT FOR COMMUNICATION IDENTIFIER "%" HAS SUCCEEDED | PARTIALLY SUCCEEDED | FAILED

Source: General Communications

Explanation: This message summarizes the outcome of processing that attempted to build a communications environment. If this processing was not completely successful, then the situations or errors encountered are described in detailed messages issued for each Object Service Broker Communications Implementation, prior to this message. The message provides the following information:

- The Communication Identifier that was selected as a name for the Object Service Broker communications environment that was being built.
- The completion status (SUCCEEDED | PARTIALLY SUCCEEDED | FAILED), that summarizes the outcome of the processing to build the Object Service Broker communications environment. This is interpreted as follows:
 - SUCCEEDED - Processing was completely successful. All Object

Service Broker Communications

Implementations that could be used, after any restrictions of the Execution Environment were taken into account, were successfully initialized. Communication can proceed optimally.

- PARTIALLY SUCCEEDED - Processing was not completely successful. Not all Object Service Broker Communications Implementations that could be used, after any restrictions of the Execution Environment were taken into account, were successfully initialized, but at least one was. Additional messages have been issued describing the situations and/or errors that were detected. Communication can proceed, but may not be optimal.
- FAILED - Processing was unsuccessful. No Object Service Broker Communications Implementations were successfully initialized. Additional messages have been issued describing the situations and/or errors that were detected. No communication is possible.

Action: See the preceding detailed messages issued for each Object Service Broker Communications Implementation to determine what action is required for specific errors or situations encountered by a specific Object Service Broker Communications Implementation.

S6BCM901I

CONTACT WITH COMMUNICATION IDENTIFIER "%" HAS SUCCEEDED | FAILED

Source: General Communications

Explanation: This message summarizes the outcome of processing that attempted to build a connection between two Object Service Broker communications environments. If this processing was not successful, then the situations or errors encountered are described in detailed messages issued for each Object Service Broker Communications Implementation, prior to this message. The message provides the following information:

- The Communication Identifier that was specified as the name for the Object Service Broker communications environment that was to be contacted.
- The completion status (SUCCEEDED | FAILED), that summarizes the outcome of the processing to contact the Object Service Broker communications environment. These text data are interpreted as follows:
 - SUCCEEDED - Processing was completely successful. At least one Object Service Broker Communications Implementation was able to provide resources to support the connection of the two Object Service Broker communications environments. Communication between the two Object Service Broker entities can now proceed.
 - FAILED - Processing was unsuccessful. No Object Service Broker Communication Implementations were able to provide resources to support the connection of the two Object Service Broker communications environments. Additional messages have been issued

describing the situations and/or errors that were detected. No communication is possible.

Action: See the preceding detailed messages issued for each Object Service Broker Communications Implementation to determine what action is required for specific errors or situations encountered by a specific Object Service Broker Communications Implementation.

S6BCM980E

SELECTED COMMUNICATION IDENTIFIER "%" AND CONNECTION PARTNER COMMUNICATION IDENTIFIER ARE THE SAME

Source: General Communications

Explanation: The Object Service Broker Communication Identifier that has been specified or selected for use by the current Object Service Broker communications environment has also been supplied as the Object Service Broker Communication Identifier to be contacted by the current Object Service Broker communications environment. Such a configuration request is pointless, and considered to be an error.

Action: Determine how the Object Service Broker Communication Identifier was supplied to the current Object Service Broker communication environment as a candidate for communication and correct it. For example, examine execution parameter lists and control statements.

S6BCM981E**ALL COMMUNICATION IDENTIFIERS IN POOL "....." ARE IN USE****Source:** General Communications

Explanation: While attempting to establish an Object Service Broker communications environment, Object Service Broker was unable to allocate an Object Service Broker Communication Identifier from the pool defined for the z/OS system on which the Object Service Broker communications environment is built. All Object Service Broker Communication Identifiers in the pool were tested and found to be in use by other Object Service Broker communications environments.

Action: Do the following:

- Determine whether the pool is sufficiently sized (defined by the length of the numeric suffix on the Model Object Service Broker Communication Identifier) to support the maximum number of the Object Service Broker Execution Environments that execute on the z/OS System.
- If all these Object Service Broker Communication Identifiers are in use, then consider using another pool by following the procedures outlined in the Object Service Broker Installation and Operations for z/OS manual.

S6BCM982E**COMMUNICATION IDENTIFIER "....." IS UNAVAILABLE, IN USE BY REGION "....."****Source:** General Communications

Explanation: While attempting to establish an Object Service Broker communications environment, it was determined that the Object Service Broker Communications Identifier specified for use by the Object

Service Broker communications environment was already being used by another Object Service Broker communications environment. The name of the z/OS Region (Started Task, Batch Job or TSO User) that is currently using the Object Service Broker Communications Identifier is supplied in the message.

Action: Do the following:

- Ensure that the correct Object Service Broker Communication Identifier has been supplied to the Object Service Broker communications environment that received this message.
- Ensure that the correct Object Service Broker communication identifier was supplied to the Object Service Broker Region named in this message.
- Ensure that the Object Service Broker Region currently using the Object Service Broker communication identifier is not another execution copy of the Object Service Broker Data Object Broker that received this message.

S6BCM990I**% UNAVAILABLE, OTHER MESSAGES ISSUED****Source:** General Communications

Explanation: While attempting to establish an Object Service Broker communication environment using a specific Object Service Broker Communications Implementation, a situation or an error was encountered that prohibits the use of that specific Object Service Broker Communications Implementation. The nature of the situation or error is described in detail in other messages issued to this message. This message is usually accompanied by other messages giving specific details about the

situation that was detected or the error that occurred. The name of the Object Service Broker Communications Implementation appears as variable data in the message text.

Action: See the other detailed messages to determine what action is required for the specific situation or error.

S6BCM991E

COMMUNICATION RESMGR CLEANUP DISCONNECT FROM % FAILED FOR TCB=X'%', RC=X'%'

Source: General Communications

Explanation: This message indicates that a communications environment was not successfully built.

- The first variable is the name of the Object Service Broker user for whom cleanup was being undertaken when the failure occurred.
- The second variable is the address of the TCB (Task Control Block) in the current Object Service Broker communications environment address space for which cleanup was being undertaken when the failure occurred.
- The third variable is the return code, in hexadecimal, generated during disconnection failure.

Action: This message is only significant to Object Service Broker and does not necessarily indicate an error that impacts z/OS. When issued, the following symptoms may be displayed:

- A user may appear to be logged on after the Execution Environment that supports the user has terminated. The user is unable to re-login to the same Data Object Broker.
- Data access requests from other users may be queued indefinitely because of locks

still held by the user that appears to be logged on.

If these symptoms are displayed, do the following:

- Using the Object Service Broker operator interface, terminate the user's session.
- In exceptional cases, shutdown and restart the Data Object Broker.
- Collect diagnostic information (system log printout, JES log for the affected Object Service Broker address spaces, and any dumps) and contact TIBCO Support.

S6BCM992W

SYSTEM AUTHORIZATION REQUIRED TO USE %

Source: General Communications

Explanation: While attempting to initialize a particular Object Service Broker Communications Implementation, an Object Service Broker communications environment determined that the z/OS address space is not APF Authorized. APF Authorization is required to initialize this particular Object Service Broker Communications Implementation. This message indicates that not all the installation procedures, specifically those relating to APF Authorization of load libraries and/or authorization of programs executing under TSO are complete. The name of the Object Service Broker Communications Implementation appears as variable data in the message text.

Action: It is possible that APF Authorization is not available to this particular Object Service Broker component by a decision of the installer. If this is the case, this message can be ignored. If this is not the case, then do the following:

- Ensure that all the installation procedures, especially those relating to APF Authorization of load libraries and authorization of programs that execute under TSO, were successfully completed.
- Restart the Object Service Broker component that caused this message to be issued.
- If this message persists, contact TIBCO Support.

S6BCM993I

USE OF % BYPASSED BY OPTIONS REQUEST

Source: General Communications

Explanation: A particular Object Service Broker Communications Implementation has not been initialized because it was explicitly or implicitly specified that the Object Service Broker Communications Implementation be bypassed, using an HCS Options Data Definition Statement. The name of the Object Service Broker Communications Implementation appears as variable data in the message text.

Action: No action needs to be taken. This message confirms that the Object Service Broker Communications Implementation will not be used, as specified by the user.

S6BCM994W

% INTERNAL ERRORS WERE RECORDED IN THE COMMUNICATIONS COMPONENT

Source: General Communications

Explanation: The message is issued during Object Service Broker shutdown to indicate that there were serious processing errors detected in the communications component

of Object Service Broker. The variable in the message will indicate the number of errors encountered. This message will be followed by S6BCM995 and S6BCM996.

Action: Refer to messages S6BCM995 and S6BCM996.

S6BCM995W

% LOGREC RECORDS WERE WRITTEN AND % SYSTEM DUMPS WERE REQUESTED

Source: General Communications

Explanation: Message S6BCM994 is issued prior to this message and it is followed by S6BCM996.

The message is issued during Object Service Broker shutdown to indicate the extent of diagnostic data gathering performed for serious internal errors in the Communications Component of Object Service Broker. The first variable indicates the number of software symptom records that were successfully written to the LOGREC data set. The second variable indicates the number of system dump requests that were initiated to collect diagnostic data concerning the errors encountered.

Action: Collect the message log from the Object Service Broker region, the LOGREC data and any system dumps taken, and contact TIBCO Support for assistance.

S6BCM996A

COLLECT THE DIAGNOSTIC DATA AND CONTACT TIBCO SUPPORT

Source: General Communications

Explanation: This message is issued following messages S6BCM994 and S6BCM995 during the shutdown of an Object Service Broker region, if serious internal errors were recorded in the Communications Component during the life of the Object Service Broker Region.

Message S6BCM997 may have been issued at the time that the error was detected.

Action: Collect all the diagnostic data available and contact TIBCO Support for assistance in determining the cause of the error(s). The diagnostic data may consist of any or all of the following:

- The JES JOBLOG of the affected Object Service Broker regions
- The z/OS system log
- The z/OS LOGREC data set
- z/OS system dumps taken at the time of the errors

Note: System dumps taken for the errors recorded are titled:

```
*** OBJECT SERVICE BROKER
COMMUNICATIONS INTERNAL ERROR -
CONTACT TIBCO SUPPORT ***
```

S6BCM997E

COMMUNICATIONS INTERNAL ERROR DETECTED

Source: General Communications

Explanation: This is the first line of a multiline message that indicates the occurrence of a serious internal error in the Communications component of Object Service Broker.

The full text of the message includes the execution PSW address, as well as the module and control section name if known, where the error was detected. The internal code for the error detected is listed with a reason code for the error in hexadecimal form, followed by the register contents from the detecting module. The address space identifiers (ASIDs) of the Home address space, the Primary address space, and the Secondary Address space are provided.

When the error is detected in an Execution Environment that permits it, an SDUMPX (extended SVC Dump) request is issued. The success or failure of the dump request is indicated in the last line of the message.

The last line shows the status of a system dump request. It can be one of the following:

- WAS SUCCESSFULLY STARTED
- WAS SUPPRESSED BY DAE
- WAS NOT ATTEMPTED
- FAILED - RC=X'rc', REASON=X'rs'

Note that when the message indicates that the dump was suppressed by DAE (z/OS Dump Analysis and Elimination), this is because it is a duplicate of an earlier dump taken for the same error symptoms.

Action: If it is possible, Object Service Broker attempts to recover from the error and continue processing. However, certain errors can cause the loss of some communications capability and connectivity options.

If the error is of such a severe nature that it is impossible to continue, even in a degraded manner, then Object Service Broker abnormally terminates with a User ABEND code related to the error.

If Object Service Broker is able to continue, examine the joblog for any additional messages indicating the actions taken to recover from the error. The type of actions

may include such things as terminating a connection with a user, dropping connectivity to a Peer Object Service Broker, or the loss of a connectivity interface (e.g., VTAM).

If the error was detected in an Data Object Broker, Execution Environment or Database Server region, determine if the degraded communications capability is adequate for the needs of your users and application mix. If not, then recycle the affected region in order to restore full communications capability.

If the normal operation of your Object Service Broker applications is unaffected, you may safely schedule the recycling of the affected regions until a convenient time.

In any case, collect the system log, the JES job log, any system dumps, and the z/OS LOGREC data and contact TIBCO Support for assistance.

- **LOAD**

Action: Refer to the documentation for a description of the service requested and the reason for the failure as described by the Return Code. Determine remedial action by considering the information provided in the manual. If the message persists, contact TIBCO Support.

S6BCM999E

Z/OS LOAD REQUEST FAILED, R15=X'%'

Source: General Communications

Explanation: A request for a system service failed. A Return Code appears in register 15 describing the reason for the request failure. The request is one of the following:

- ESTAE
- GQSCAN
- GETMAIN
- FREEMAIN
- BLDL

CS: CICS

S6BCS014I

TIBCO(r) Object Service Broker/CICS interface initialization complete.

Source: CICS

Explanation: The TIBCO(r) Object Service Broker/CICS interface activation is complete and the interface is ready to accept logons.

Action: No action is required.

S6BCS022I

..... user(s).

Source: CICS

Explanation: This message provides the number of users who have logged on through this Execution Environment.

Action: No action required.

S6BCS023E

CICS Server Task attach failed, check JOBLOG for error message(s)

Source: CICS

Explanation: An attempt to attach the TIBCO(r) Object Service Broker/CICS gateway task failed. More diagnostic message(s) may be found in the JOBLOG.

Action: Correct the error and retry.

S6BCS024E

CLI Client CONNECT request failed. Reason: Error detected during CLI CICS task "STARTSESSION".

Source: CICS

Explanation: A severe error was detected while trying to connect the CLI CICS task to the Standby Session for the CLI Client. Additional error messages precede this message.

This error is likely caused by other events or errors elsewhere in the system.

Action: Correct the errors indicated by the preceding messages. If necessary, contact TIBCO Support for assistance.

S6BCS037E

Execution Environment Subtask Locate Failure RC=X'..... ...'

Source: CICS

Explanation: A request to locate the Execution Environment gateway subtask has failed. Use the return code to determine the cause of the failure:

- X'00000004' - The MSB control block could not be located.
- X'00000008' - The MSB control block failed validation.
- X'0000000C' - A VSMLOC request failed.
- X'00000010' - A TCB validation failure detected during TCB scan.

Action: Depending on the return code, do one of the following:

- RC=X'00000004' - Indicates that the Data Object Broker gateway task is not attached. Use the HOPS command to provide a status of Object Service Broker. Issue the HINT command to restart the gateway task if required and retry the session.
- RC=X'00000008' - This is an internal error. Take an SDUMP of the address space if the problem persists and contact TIBCO Support.
- RC=X'0000000C' - This is an operating system error. Take an SDUMP of the address space in question and contact TIBCO Support.
- RC=X'00000010' a TCB validation error may occur when another application is ATTACHing or DETACHing subtasks while TIBCO(r) Object Service Broker is scanning the TCBs. Retrying the session will likely succeed. If problems persist, take a SDUMP and contact TIBCO Support.

S6BCS038E

CICS EXECUTION ENVIRONMENT SUBTASK ABENDED, TCBCMP=X'.....'

Source: CICS

Explanation: This message is issued by the S6BCSCIC module. The Execution Environment subtask abended with the indicated completion code. Probable cause of error may be that the Data Object Broker was not active and therefore OPENPORT was failed.

Action: Check the console log for error messages issued by other TIBCO(r) Object Service Broker routines for more information. If unable to determine the error, do the following:

1. Obtain the console log and storage dumps.
2. Contact TIBCO Support.

S6BCS039I

CICS EXECUTION ENVIRONMENT SUBTASK DETACHED

Source: CICS

Explanation: This message is issued by the S6BCSCIC module. The Execution Environment subtask was successfully detached.

Action: No action required.

S6BCS046E

SYNTAX ERROR - CLEAR SCREEN AND ENTER AGAIN

Source: CICS

Explanation: This message is issued by the S6BCSCIC module.

Action: Do as the message suggests.

S6BCS047I

SESSION ENDED

Source: CICS

Explanation: This message is issued by the S6BCSCIC module. The TIBCO(r) Object Service Broker session has ended at the request of the user.

Action: No action required.

S6BCS048E

**SESSION TERMINATED ABNORMALLY->
CODE:**

Source: CICS

Explanation: This message is issued by the S6BCSKRN module. The TIBCO(r) Object Service Broker session has terminated abnormally with the indicated ABEND code.

Action: See the previous diagnostic messages, if any. Refer to the IBM manual for CICS messages if it is a CICS ABEND code.

S6BCS049E

**TRANSACTION TERMINATED. CANNOT
BE STARTED AT CONSOLE.**

Source: CICS

Explanation: This message is issued by the S6BCSCIC module. You used a console to establish a TIBCO(r) Object Service Broker session.

Action: Use a dedicated terminal to establish a TIBCO(r) Object Service Broker session.

S6BCS050I

..... ..

Source: CICS

Explanation: This message is issued by the S6BCSOPS module. This message displays the list of users that are currently logged on to the Object Service Broker Data Object Broker through this Object Service Broker CICS interface.

Action: No action required.

S6BCS051E

**CICS: NO STORAGE AVAILABLE FOR
GETMAIN**

Source: CICS

Explanation: This message is issued by the S6BCSCIC module. No more storage is available to start a TIBCO(r) Object Service Broker session.

Action: Wait for storage to become available and try again (for example, when one or more logged on users finish their TIBCO(r) Object Service Broker session). If this situation occurs often, more resources may be required for this CICS region.

S6BCS052I

USER ID TERM ID USER ID TERM ID

Source: CICS

Explanation: This messages is a header for information that follows, dividing subsequent information into columns.

Action: No action required.

S6BCS053E

tttt uuuuuuuu cccc Session end action failed.

Reason: rr

Source: CICS

Explanation: An attempt to perform the session end action failed for the indicated reason:

- tttt is the terminal ID
- uuuuuuuu is the user ID
- cccc is the transaction ID

Reason codes are documented in the CICS Application Programming Reference manual.

Action: Resolve the error situation as indicated and try again. Contact TIBCO Support if you need further assistance.

S6BCS054E

"START TRANSID(xxxx)
USERID(uuuuuuuu)" failed. Reason:
rrrrrrrrrrrrrrrrrr

Source: CICS

Explanation: Attempt to start the CLI session CICS background task failed for the identified user and for the indicated reason, which can be one of the following:

- NOTAUTH The regular Object Service Broker transaction (default HURN) is not authorized to issue the "START TRANSID" CICS command for the identified user.
- USERIDERR The identified user is not defined to the external security system.
- TRANSIDERR The identified transaction is not defined to CICS.
- RESP=c1 RESP2=c2 These response codes are not translated into English. They are documented in the IBM CICS Application Programming Reference manual. RESP=c1 was extracted from EIBRESP and RESP2=c2 was extracted from the EIBRESP2, fields in the EIB (EXEC Interface Block) control block.

Action: Resolve the error situation as indicated by the reason or the response codes. Contact TIBCO Support if you need further assistance.

S6BCS055E

UNABLE TO LOAD mmmmmmmm
ABCODE=X'aaaaaaa' REASON
CODE=X'ccccccc'

Source: CICS

Explanation: Error detected when loading Object Service Broker system modules. Object Service Broker Execution Environment startup will be terminated.

In the message:

- mmmmmmmm is the module name that the load operation was failed
- aaaaaaaa is the abend code
- cccccccc is the reason code for the abend

Action: Correct the error and retry.

S6BCS056E

COMMAREA TOO SMALL FOR
OCCURRENCE

Source: CICS

Explanation: This message is issued by the BLTPASSD module. Object Service Broker attempted to place a requested occurrence in the user-created COMMAREA. The space remaining in this COMMAREA is too small to contain the occurrence.

Action: Do one of the following:

- Increase the size of the COMMAREA passed to Object Service Broker
- Reduce the size of the occurrence to be written to the COMMAREA
- If writing multiple occurrences to the COMMAREA, reduce the number of occurrences

S6BCS058E**TABLE NOT FOUND****Source:** CICS

Explanation: This message is issued by the BLTPASSD module. The table specified in \$SETCOMMAREA cannot be found.

Action: Ensure that the requested table exists.

S6BCS068E**CONNECTION WITH DATA OBJECT
BROKER LOST, ID=.....****Source:** CICS

Explanation: This message is issued by the S6BCSCIC module. The Execution Environment connection to the Data Object Broker has been lost.

Action: Check that Data Object Broker is still active, whether the user session was canceled, and that VTAM is still functioning.

S6BCS070A**PRESS ENTER FOR NEXT SCREEN, OR PF3
TO END.****Source:** CICS

Explanation: This message is issued by the S6BCSOPS module. When there is more than one screen of display output, the system waits for the action from the user to display the second and subsequent screens, or to end the transaction.

Action: Follow the instructions of the message and act accordingly.

S6BCS076I**.../..... Session cancelled by operator command****Source:** CICS

Explanation: This message indicates that the current session has been canceled by a HCUS transaction entered from another terminal or an OS console or lost terminal error logic in a CICS environment.

Action: Check with the system administrator to find out why the session was canceled. You may reconnect to Object Service Broker/Object Service Broker and continue processing.

S6BCS077I**Session terminated - terminal timed out****Source:** CICS

Explanation: This message is issued by the S6BCSCIC module. The current session was abnormally terminated because the installation terminal inactivity threshold was exceeded.

Action: Discuss with the System Administrator if the threshold is impractical and modify it if necessary.

S6BCS078E**Internal storage STACK error, RC=X****Source:** CICS

Explanation: An internal storage stack request has failed. The failure can be identified by analyzing the return code. A CICS transaction dump will be taken with a dumpcode of HEXC.

Action: Possible return codes are:

- X'00000004' - Storage area provided is insufficient for request

- X'00000008' - Invalid storage request length
- X'0000000C' - Storage area not doubleword-aligned

The HEXC transaction dumpcode is used by Object Service Broker to identify a CICS transaction associated with this message. Format the CICS transaction dump using the utilities supplied with CICS, and contact TIBCO Support for assistance.

S6BCS080E

Invalid PARMS length passed in CICS COMMAREA

Source: CICS

Explanation: The two byte binary COMMAREA length supplied in the COMMAREA is invalid.

Action: Recheck length by calling user program and correct.

S6BCS081I

Execution Environment has been recycled

Source: CICS

Explanation: The Execution Environment has been recycled since the last time the user pressed <Enter>.

Action: Log back on to Object Service Broker.

S6BCS082I

Application owning region has been recycled

Source: CICS

Explanation: The Application Owning Region has been recycled. The user session no longer exists.

Action: Log back on to start a new user session.

S6BCS083E

CICS Transaction 'hhhh' Abend 'xxxx' detected on terminal 'tttt' for user 'uuuuuuuu' at 'hh:mm:ss'

Source: CICS

Explanation: A CICS transaction abend was detected for the specified transaction. The terminal and user identification are identified in the message.

Action: A CICS transaction abend was intercepted. A CICS transaction dump will be scheduled for most abends. Exceptions are: ATCH, ATCI, ATNI, AZ** and AX** codes.

Refer to the CICS Messages and Codes manual for a description of the abend. Save the CICS transaction dump and all associated logs for analysis by TIBCO Support if the problem appears to be caused by Object Service Broker.

Recovery of the error will be attempted except for the abend codes noted above. Message S6BCS084I accompanies this message and provides information on the action scheduled by Object Service Broker for this error condition.

S6BCS084I

Action taken for user 'uuuuuuuu': aaaaaaaa bbbbbbbbb ccccccc

Source: CICS

Explanation: A CICS transaction abend has been detected as indicated by the associated S6BCS083E message. This message describes the action scheduled as a result of the abend.

Action: The uuuuuuuu in the message identifies the user session and the fields aaaaaaaa, bbbbbbbb, and ccccccc indicate the actions scheduled as a result of the associated error condition. Possible values include:

- **LOSTTERM** - indicates that the terminal facility cannot be used.
- **CICSDUMP** - a CICS transaction dump has been scheduled for this error. Save this diagnostic information for analysis.
- **TERMSESS** - the user session must be terminated. The abend is unrecoverable.
- **RECOVERY** - an attempt to recover the session will be scheduled as the error may be recoverable.
- **TERMIMM** - a recursive non-recoverable abend situation has been detected and immediate session termination must be performed.
- **CANCEL** - an abend has been detected while the session is in the process of terminating.

S6BCS085I

Session lost, please reenter transaction.

Source: CICS

Explanation: The user session cannot be continued because of an undetermined condition.

Action: Your session will be terminated. Perform your logon again to reestablish a valid Object Service Broker session. If the logon attempt fails, contact your Object Service Broker system administrator. Use the HOPS command to verify that your original session has been terminated successfully. Save all CICS and Data Object Broker job logs and error logs for analysis.

S6BCS086E

**NOT AUTHORIZED TO WRITE
TEMPORARY STORAGE. SESSION
CANCELLED**

Source: CICS

Explanation: An unauthorized attempt was made to write to TOR temporary storage.

Action: The transaction is ended after the above message has been issued.

S6BCS087E

**User session lost connection with DOB,
enter CICS canceluser transaction to cancel
session**

Source: CICS

Explanation: The named user in the message has lost their session with the Data Object Broker. The Execution Environment is unable to schedule a CICS HCUS command to cancel the user because it is running unauthorized.

Action: Manually issue an Object Service Broker CICS HCUS transaction against the named user to cancel them.

S6BCS100I

**S6BCSNEM started HCUS TTTTNNNNNNNNN
routed to AAAAAAAA**

Source: CICS

Explanation: This message is issued when a HCUS termid command is scheduled by S6BCSNEM because of a lost terminal condition. It appears in the CICS region's CSMT log, or in the case of an MRO configuration, in the TOR CICS region's CSMT log.

The variables represent the following:

- **TTTT** - The user's CICS terminal ID

- NNNNNNNN - The user's VTAM terminal ID
- AAAAAAAA - The VTAM applid of the CICS region where the HCUS {TTTT | NNNNNNNN} request will be processed.

Action: No action required.

S6BCS101E

S6BCSNEM ERROR: EEEEEEEE
TERMID=TTTT

Source: CICS

Explanation: This message is issued when an error condition is detected during S6BCSNEM lost terminal processing. It appears in the CICS region's CSMT log, or in the case of an MRO configuration, in the TOR CICS region's CSMT log.

The variables represent the following:

- TTTT - The user's CICS terminal ID
- EEEEEEEE - The CICS error condition, which can be any of the following error codes:
 1. INVREQ, IOERR, NOAUTH, SYSIDERR, TERMIDERR, TRANSIDERR, ISCINVREQ
 2. NOCOMMA
 3. INVAPPL

A CICS dump is generated with abend code SNEP.

Action: Analyze the generated CICS dump. The descriptions of the error codes in item 1 are described in the IBM CICS/VS application programmer's guide. Item 2 indicates that a common area was not specified in the program calling S6BCSNEM. Item 3 indicates that the VTAM applid of the AOR is not defined in the TOR.

S6BCS102E

S6BCSOPT ERROR:WWWWWWWW
REASON:XXXXXXXXX TERMID=YYYY
SYSID=ZZZZ

Source: CICS

Explanation: This message is issued when an error condition is detected in the program module S6BCSOPT. It appears in the CSMT log of the CICS owning region. A CICS dump is generated with a dump code of HOPT. The variables represent the following:

- WWWWWWWW - The EXEC command that returned the error response. The possible values are RETRIEVE and START.
- XXXXXXXX - The error condition which can be any of the following: INVREQ, IOERR, ISINVREQ, NOTAUTH, SYSIDERR, TERMIDERR, TRANSIDERR, ENDDATA, ENVDEFERR, LENGERR, NOTFIND.
- YYYY - The ID of the user's CICS terminal.
- ZZZZ - The system ID of the CICS application owning region.

Action: Analyze the CICS transaction dump. Detailed error descriptions are documented in the IBM CICS/VS application programmer's guide.

S6BCS120E

TRANSACTION requires valid Userid. Session cancelled

Source: CICS

Explanation: The Cancel User transaction must be followed by a blank and then a userid. Example: HCUS BILLUSER.

Action: Storage areas are released then the transaction is terminated. The user should reenter the transaction in the correct format, as shown in the given example.

S6BCS121E

TRM. TRANS. requires parm; SHUT(SHUTD) or SHUTI

Source: CICS

Explanation: The Session Termination transaction must be followed by a valid parameter, which maybe either SHUT, SHUTD (which is functionally the same as SHUT) or SHUTI. Example: HTRM SHUT, where HTRM is the Session Termination transaction.

Action: Storage areas are released and the transaction is terminated. The transaction should be reentered. The example illustrates the correct format.

S6BCS123E

LOAD OF MODULE, S6BCSKRN FAILED. CICS INTERFACE INITIALIZATION TERMINATED

Source: CICS

Explanation: An attempt to load the CICS-Object Service Broker interface initialization module, S6BCSKRN failed. Because of this, the Object Service Broker transaction is unable to continue and is therefor terminated.

Action: Retry the Object Service Broker transaction. If the same failure persists, contact the CICS technical support representative.

S6BCS124E

TRANSACTION requires valid parm; refer to documentation.

Source: CICS

Explanation: The parameters passed to this CICS transaction are invalid. Additional error messages may precede or follow this message.

Action: Refer to the Object Service Broker documentation for the valid parameters.

S6BCS125E

Invalid transaction from terminal

Source: CICS

Explanation: The TIMEOUT and security transaction, HCSS is only supposed to run by means of a started transaction. Instead, the user entered HCSS from the terminal, which is not permitted.

Action: Storage areas are released and the transaction is terminated. The HCSS transaction will never work, when entered from a terminal.

S6BCS126E

The HOPS transaction is no longer supported. Please use HINQ for inquiry and HCUS for canceluser

Source: CICS

Explanation: The HOPS transaction has been replaced by HINQ, HCUS, and HFUS

Action: Use HINQ for userlist, HCUS for cancel user session, and HFUS for force user session.

S6BCS127E

Program XXXXXXXX received bad return code from HDRBUSR.RC = XXXX

Source: CICS

Explanation: Program XXXXXXXX received an invalid return code from program HDRBUSR.

Action: Contact TIBCO Support.

S6BCS128E

Invalid or unsupported function code XXXX passed to S6BCSKRN

Source: CICS

Explanation: The function code XXXX passed to program S6BCSKRN was invalid or is not supported in the current Execution Environment (CICS, IMS, NEE).

Action: Contact TIBCO Support.

DA: Dynamic Allocation

S6BDA013E

DAIR ERROR xxxx/yyyy

DSN='_____._____._____'

Source: Dynamic Allocation

Explanation: A dynamic allocation error occurred for an Object Service Broker data set. xxxx is the error reason code and yyyy is the information code. For an explanation of the codes, refer to the appropriate IBM manual that describes dynamic allocation (SVC99) and its functionality.

For example, error code 1708 means that the data set is not cataloged.

Action: Look up the codes and take corrective action. Contact the system programmer responsible for Object Service Broker for assistance.

S6BDA014W

ENQUEUE FAILED

DSN='_____._____._____._____'

Source: Dynamic Allocation

Explanation: The dynamic allocation for the requested data set failed because the data set was being enqueued by another user. Further action is taken based on how critical the data set is to the system.

Action: Attempt to identify the user of the required data set and have them release it. Once the data set is available, take the action appropriate for the state of the system.

DB: File Task

S6BDB001E

FILE INITIALIZATION FAILED

Source: File Task

Explanation: During Object Service Broker startup processing, certain database initialization errors were detected. Other messages have already indicated the environmental errors. Object Service Broker terminates abnormally with abend code 301.

Action: Investigate the relevant messages and take corrective action. Contact the System Programmer responsible for Object Service Broker.

S6BDB002I

FILE INITIALIZATION OK

Source: File Task

Explanation: Object Service Broker database initialization completed successfully at system startup. For cold starts, the active database configuration is as defined in the DBDLIB. For warm starts, the active database configuration is the same as it was when the system abnormally terminated.

Action: No action required. If active Object Service Broker segments are subsequently required for BATCH operations, they must be manually shut down with Object Service Broker console commands before the BATCH jobs are submitted.

S6BDB003W

UNKNOWN VSAM EVENT COMPLETED

Source: File Task

Explanation: Internal logic error. A VSAM request that the Object Service Broker supervisor does not recognize has completed.

Action: Contact TIBCO Support.

S6BDB004W

VSAM HEX REQ=__ RC=__ FB=__
R15=_____ RBA=_____

Source: File Task

Explanation: Object Service Broker detected a VSAM error. The error was intercepted and the request code (REQ), return code (RC), feedback code (FB), macro return code (R15), and the address of the failing record (RBA) are shown in the message. Standard z/OS system messages of the form IECxxxI precede the Object Service Broker message.

Action: Contact the Object Service Broker system administrator. Reason codes are documented in z/OS DFP VSAM Macro Instructions. z/OS messages are documented in the z/OS System Messages manual.

S6BDB005E**UNDEFINED EVENT CODE X'____'****Source:** File Task**Explanation:** Internal logic error. Object Service Broker supervisory code detected an invalid system service request. The transaction is aborted.**Action:** Contact TIBCO Support.**S6BDB006I****DSN=_____.** ...**Source:** File Task**Explanation:** This message is issued to indicate the name of the data set associated with a failed I/O request.**Action:** No action is required for this message. Refer to preceding messages for details of the failure.**S6BDB007W****FREBUF ERROR FOR PAGE QUEUE****Source:** File Task**Explanation:** During transaction cleanup processing, a transient work area was not returned to the buffer pool. Object Service Broker continues to run, possibly with degraded resources. Cumulative error counts are available in the BUFFER pool displays.**Action:** Contact TIBCO Support.**S6BDB008W****INVALID FILE REQUEST****Source:** File Task**Explanation:** Internal logic error. The Object Service Broker COMMIT processor detected an invalid system service request. The transaction is aborted.**Action:** Contact TIBCO Support.**S6BDB009W****LOGGING ERROR - COMMIT ABORTED****Source:** File Task**Explanation:** I/O errors were detected during normal logging operations. The COMMIT transaction was aborted.**Action:** See the accompanying messages for details about the error. Contact TIBCO Support.**S6BDB010E****REDOLOG PRIMARY AND DUPLEX CI-SIZE/DATASET SIZE DIFFERENCE DETECTED****Source:** File Task**Explanation:** During start-up validation of the Data Object Broker, it was determined that the primary and duplex REDOLOG data set definitions are different, that is, either the Control Intervals or the allocated spaces are not identical.

The Data Object Broker cannot initialize.

Action: Correct the difference and retry.

Note: If the REDOLOG is to be redefined, ensure the CACHE is redefined as well.

S6BDB013W**ERROR DURING RESIDENT PAGE LOOKUP****Source:** File Task**Explanation:** During the freeing of locks, the RPE LOOKUP routine compared the owner of the page to be freed with the requestor. The request failed because the owner and requestor did not match.**Action:** Contact TIBCO Support.**S6BDB015W****SESSION NOT ON DEFERRED PAGE QUEUE****Source:** File Task**Explanation:** During session cleanup, no deferred page requests were found on the queue. The system continues processing.**Action:** No action required.**S6BDB016I****SESSION REMOVED FROM PAGE QUEUE****Source:** File Task**Explanation:** The session was removed.**Action:** No action required.**S6BDB017I****CLEANUP DONE - FREE SESSBUFF****Source:** File Task**Explanation:** A cleanup was performed; session buffers are free.**Action:** No action required.**S6BDB018E****INVALID DBD RELEASE IDENTIFIER****Source:** File Task**Explanation:** An attempt has been made to use a DBD library which is incompatible with the version of Object Service Broker being executed. The Data Object Broker or utility program is terminated.**Action:** Regenerate the DBD using the correct release of Object Service Broker and re-execute the failing program.**S6BDB020A****REDOLOG WRITE ERROR****Source:** File Task**Explanation:** An error occurred while writing to the REDOLOG. A previous S6BDB026W message was issued detailing the nature of the error. If it is a physical error, the write is retried once. When this error occurs during system initialization or on the last available REDOLOG data set, the system is terminated and a subsequent S6BDB027A message is issued. If a DUPLEX REDOLOG data set is available and DUPLEXLOGFAIL is set to CONTINUE, system processing continues using the remaining data set.**Action:** Contact your Object Service Broker system administrator.

If the system was terminated, follow the action outlined for message S6BDB027A.

If system operation continued, prior to the next restart of the system it will be necessary to re-synchronize the two redolog data sets as outlined in the Object Service Broker Backup and Recovery for z/OS manual.

S6BDB021A**REDOLOG DUPLEX WRITE ERROR****Source:** File Task

Explanation: An error occurred while writing to the REDOLOG. A previous S6BDB026W message appeared detailing the nature of the error. If it is a physical error, the write is retried once. When this error occurs during system initialization or on the last available REDOLOG data set, the system is terminated and a subsequent S6BDB027A message is issued. If a the REDOLOG data set is available and DUPLEXLOGFAIL is set to CONTINUE, system processing continues using the remaining data set.

Action: Contact your Object Service Broker system administrator.

If the system was terminated, follow the action outlined for message S6BDB027A.

If system operation continued, you must re-synchronize the two redolog data sets prior to the next restart of the system, as outlined in the Object Service Broker Backup and Recovery for z/OS manual.

S6BDB026W**VSAM LOG ERROR RC=__ FB=__****Source:** File Task

Explanation: An I/O error occurred during log processing. The return code (RC) and feedback code (FB) are given in the message.

Action: Contact your Object Service Broker System Administrator about a possible media or space problem.

S6BDB027A**' _____ ' SUSPENDED DUE TO PHYSICAL ERRORS****Source:** File Task

Explanation: This message results from the I/O error mentioned in message S6BDB026W. The system retries once, and then stops logging. If the problem is with the redolog, the system shuts down. If the problem is with logging to anything else, processing carries on as usual. The variable portion of the message text indicates which log encountered the I/O error.

Action: Contact your Object Service Broker system administrator. Recovery from loss of the REDOLOG requires manual intervention as detailed in the Object Service Broker Backup and Recovery for z/OS manual. The minimum action required is the formatting of the REDOLOG/DUPLEX data sets.

S6BDB028E**DBDLIB OPEN ERROR****Source:** File Task

Explanation: Object Service Broker startup processing, or an Object Service Broker utility program, is unable to open the DBDLIB. This message is accompanied by standard z/OS messages indicating the DDNAME and reason code. Object Service Broker terminates abnormally.

Action: Verify that the Object Service Broker startup procedure or utility program correctly identifies a valid DBDLIB.

S6BDB029E**DBDLIB READ ERROR****Source:** File Task**Explanation:** Object Service Broker startup processing was unable to read the DBDLIB. Object Service Broker terminates abnormally.**Action:** Ensure that an Object Service Broker DBGEN has been successfully run to build a valid DBDLIB. Accompanying VSAM error messages indicate the nature of the problem.**S6BDB030E****DBDLIB DEFINITION ERROR****Source:** File Task**Explanation:** During initialization, the DBDLIB was found to be logically incorrect.**Action:** Contact the Object Service Broker System Administrator. Ensure that a valid DBDLIB was allocated to the Object Service Broker startup procedure or batch utility JCL.**S6BDB031E****DATABASE OPEN ERROR X'__'****Source:** File Task**Explanation:** An error was encountered while opening the VSAM data set specified in message S6BDB090I or S6BKX002I. All Object Service Broker Pagestores and journals, and the redolog, are opened at initialization. Object Service Broker Pagestores can be reopened dynamically using the DBONLINE command. Journals are reopened at the conclusion of SPIN processing. The VSAM OPEN return codes are documented in z/OS DFP VSAM Macro Instructions. Object Service Broker online

processing continues without the segment becoming available, or in the case of an Object Service Broker offline utility, processing is terminated.

Action: Standard IBM messages of the form IECxxxI accompany such failures. Contact your Object Service Broker system administrator to review the probable causes.**S6BDB032E****PAGESTORE INITIALIZATION FAILED****Source:** File Task**Explanation:** The Pagestore segment indicated in message S6BDB092I is not available to Object Service Broker. Additional Object Service Broker or IBM messages have already been displayed to indicate the exact cause of error. Object Service Broker processing continues unless the base segment has failed.**Action:** Review the associated error messages to determine recovery action. Contact your System Programmer to correct the configuration or environmental problems.**S6BDB033E****REDOLOG INITIALIZATION FAILED****Source:** File Task**Explanation:** Initialization of the Object Service Broker redolog failed. Additional Object Service Broker or IBM messages have already been displayed to indicate the exact cause of error. Object Service Broker terminates abnormally.**Action:** Review the associated error messages to determine recovery action. Contact your System Programmer to correct the configuration or environmental problems.

S6BDB034E**GETMAIN FAILED FOR DB
INITIALIZATION****Source:** File Task**Explanation:** Object Service Broker startup processing cannot obtain sufficient storage to complete Object Service Broker initialization.**Action:** Contact the Object Service Broker System Administrator to increase the region size.**S6BDB035I****REDOLOG CI SIZE = ' ____ '****Source:** File Task**Explanation:** Object Service Broker startup processing displays the control interval size as currently defined in the redolog.**Action:** No action required.**S6BDB036E****REDOLOG.PENDING IS NOT
CATALOGUED****Source:** File Task**Explanation:** When trying to open the contingency log (Redolog.pending), the system could not locate a catalog entry for the data set. The Data Object Broker initialization fails with a U049 abend.**Action:** Define and format the Redolog.Pending data set.**S6BDB037E****REQUIRED SEGMENT FAILED TO
INITIALIZE****Source:** File Task**Explanation:** Segment 0 or a segment which has been defined in the DBGEN as Required by the system cannot be initialized. Object Service Broker terminates abnormally since the required meta-data is not available for Object Service Broker transaction processing.

NOTE: All segments previously online must be available after an abnormal termination.

Action: Contact TIBCO Support.**S6BDB043E****REDOLOG NOT PREFORMATTED****Source:** File Task**Explanation:** The redolog is normally formatted at installation time. If it is not formatted, Object Service Broker does not start up.**Action:** Contact TIBCO Support.**S6BDB044E****GETMAIN FOR SMF SUBTYPE 13 RECORD
BUFFER FAILED****Source:** File Task**Explanation:** During Data Object Broker initialization, Object Service Broker was not able to obtain the virtual storage needed for the SMF subtype 13 record.**Action:** Modify the REGION parameter in the Data Object Broker's JCL to provide more virtual storage. Restart the Data Object Broker.

S6BDB045E**SEGMENT ID DOES NOT MATCH DBDGEN****Source:** File Task

Explanation: During segment activation, the data set as indicated in message S6BDB090I or S6BKX002I does not contain the correct segment ID as specified in the DBGEN. Object Service Broker startup continues, but does not activate this segment, or in the case of an offline utility, processing is terminated.

Action: Contact your Object Service Broker System Administrator. Invalid data may have been inadvertently loaded into the wrong segment by offline utilities.

S6BDB046E**PAGESTORE HAS NOT BEEN PREFORMATTED****Source:** File Task

Explanation: The segment and data set as previously displayed (S6BDB092I, S6bDB090I) have not been properly configured for Object Service Broker use.

Action: Review the Installation and Operations manual for Pagestore setup requirements.

S6BDB047E**EXCP ERROR X'__' ON CONTINGENCY LOG (REDOLOG.PENDING)****Source:** File Task

Explanation: An I/O recovery error occurred while the Data Object Broker was writing recovery information to the contingency log.

Action: Investigate the reason for the I/O error and, if necessary, move the REDOLOG.PENDING data set.

S6BDB048E**PAGE ID DOES NOT MATCH DBGEN****Source:** File Task

Explanation: During segment activation, the data set as indicated in message S6BDB090I or S6BKX002I does not contain the correct page number as specified in the DBGEN at Object Service Broker startup.

Action: Contact your Object Service Broker system administrator. Invalid data may have been inadvertently loaded into the wrong page by offline utilities.

S6BDB050A**RESTORE OF PAGE SEGMENT= __ NAME= _____ DID NOT COMPLETE****Source:** File Task

Explanation: During segment initialization, indicators were found within the Pagestore data set that indicate that a restore was started but failed to complete successfully.

Action: The segment will not be brought online. Try the segment restore again and then bring the segment online.

S6BDB051A**FORMAT OF PAGE SEGMENT= __ NAME= _____ DID NOT COMPLETE****Source:** File Task

Explanation: The initialization of the segment indicated in the name segment data sets show the formatting of the data set started but never completes.

Action: Reformat the Pagestore data set and retry.

S6BDB052W**ERROR IN ABORT CLEANUP FREEING PAGE****Source:** File Task

Explanation: An Object Service Broker user requested a free page, but aborted the transaction before the page was used. When processing was aborted, the File task validated the free page to ensure that the owner of the page and the user running the current session are the same. This message is issued because the page owner and the user are not the same.

Action: Contact TIBCO Support.**S6BDB053W****VALIDATION ERROR FREEING LOCK****Source:** File Task

Explanation: The File task received a request to free a lock. During this process, the File task ensures that the page for which the lock is being released is owned by the same user who is running the current session. This message is issued because the page owner and the user are not the same.

Action: Contact TIBCO Support.**S6BDB058I**

SEGMENT _____ SET TO _____ MODE

Source: File Task

Explanation: The segment identified in the message has been set to the mode shown in response to a request by the operator.

Action: No action is required.**S6BDB063W**

SEGMENT ____:_____ BUSY - SHUTDOWN DEFERRED (PENDING CHECKPOINT ____)

Source: File Task

Explanation: A shutdown of segment number:name was requested, but the segment is still active. The shutdown request is deferred until the next checkpoint is taken.

Action: No action is required.**S6BDB064W**VSAM CLOSE ERROR ____
DSN='_____._____._____'**Source:** File Task

Explanation: A VSAM error was encountered while closing the data set indicated in the message.

Action: Look for additional messages that provide information identifying the specific cause of the error, and take the appropriate corrective action.

S6BDB065E**STORAGE NOT AVAILABLE FOR RESIDENT PAGE POOL****Source:** File Task

Explanation: During Data Object Broker Initialization, there was not enough storage available to construct the Resident Page Pool.

Action: Increase the amount of Virtual Storage available to the Data Object Broker.

increment defined in the DBGEN entry for the segment up to 100% unless implicit or explicit corrective actions bring it below the minimum allowable threshold.

Action: It is recommended that you increase the number of free pages available either by clearing up or moving existing tables, or by increasing the size of the data sets within the segment.

S6BDB096I

**FREE SPACE SHORTAGE FOR
SEGMENT=_____ RELIEVED**

Source: File Task

Explanation: This message indicates that the space utilization for the segment had earlier increased beyond the warning threshold but has now come back to below this threshold.

Action: No action required.

DC: IMS TM

S6BDC001E

UNABLE TO LOAD 12345678
ABCODE=X"12345678" REASON
CODE=X"1234567..8"

Source: IMS TM

Explanation: This message is issued by the HDRDCDIT module. The Object Service Broker Execution Environment initialization module was unable to load the named module for the reason indicated by the reason code (which is the return code in R15 passed from the z/OS LOAD macro). Object Service Broker Execution Environment initialization is terminated.

Action: Correct the problem if possible, or contact TIBCO Support.

S6BDC005E

ATTACH OF SERVER TASK FAILED -
INITIALIZATION TERMINATING

Source: IMS TM

Explanation: This message is issued by the HDRDCDIT module. The Object Service Broker EE initialization module was unable to attach the Object Service Broker gateway task; the initialization process was terminated. (This message is usually accompanied by other more specific error messages.)

Action: Investigate and correct the problem, or contact TIBCO Support for assistance.

S6BDC006I

IMS TM INTERFACE INITIALIZATION
COMPLETE

Source: IMS TM

Explanation: This message is issued by the HDRDCDIT module. The Object Service Broker Execution Environment interface initialization is complete and is ready for processing.

Action: No action required.

S6BDC007E

IMS TM INTERFACE INITIALIZATION
FAILED

Source: IMS TM

Explanation: This message is issued by the HDRDCDIT module. The Object Service Broker Execution Environment initialization module was unable to initialize the interface. This message is usually accompanied by other more specific error messages.

Action: Investigate and correct the problem, or contact TIBCO Support for assistance.

S6BDC008E**IMS TM INTERFACE INITIALIZATION
FAILED; REMOTE NEE IS REQUIRED****Source:** IMS TM**Explanation:** This message is issued by the HDRDCDIT module. The Object Service Broker Execution Environment initialization module detected that the IMS MPR is trying to connect directly to an Data Object Broker.

For now, only the remote Object Service Broker Execution Environment is supported for IMS MPR. Therefore, the IMS MPR must connect to an Object Service Broker Native Execution Environment. The Object Service Broker remote Execution Environment initialization is terminated.

Action: To connect an IMS MPR Execution Environment to an Object Service Broker Native Execution Environment, specify REGIONTYPE=REMOTE in the HRNIN file for the IMS MPR.**S6BDC011E****UNABLE TO START SESSION;
&PRODNAME ENVIRONMENT NOT
AVAILABLE****Source:** IMS TM**Explanation:** This message is issued by the HDRDCIMS module. The Object Service Broker session cannot be started because the Object Service Broker gateway task was not initialized.**Action:** Initialize the Object Service Broker environment and try again.**S6BDC012E****SESSION INITIALIZATION FAILED (SMG)****Source:** IMS TM**Explanation:** This message is issued by the HDRDCIMS module. An Object Service Broker session cannot be initialized because of an internal Object Service Broker control block error.**Action:** Contact TIBCO Support for assistance.**S6BDC013E****SESSION DENIED BY PHASE 1 USER EXIT****Source:** IMS TM**Explanation:** This message is issued by the HDRDCIMS module. Phase 1 user exit returned with return code 4, which stops the session from being started.**Action:** Check with System Administrator for legitimacy of the session request.**S6BDC014E****SESSION DENIED BY PHASE 2 USER EXIT****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. Phase 2 user exit returned with return code 4, which stops the session from being started.**Action:** Check with System Administrator for legitimacy of the session request.

S6BDC016E**UNABLE TO IDENTIFY TRANCODE****Source:** IMS TM**Explanation:** This message is issued by the HDRDCIMS module. The TRANCODE supplied was invalid, it was either null or more than 8 characters.**Action:** Session was terminated. Retry with a valid TRANCODE, if possible, or contact TIBCO Support.**S6BDC017E****NO SPA WITH CONVERSATIONAL TRAN****Source:** IMS TM**Explanation:** This message is issued by the HDRDCIMS module. The IMS TM TRANCODE was defined as a conversational transaction and yet the TRANCODE was associated with a non-conversational program.**Action:** The session was terminated. Correct the error and retry, if possible, or contact TIBCO Support.**S6BDC018E****MESSAGE LENGTH ERROR****Source:** IMS TM**Explanation:** This message is issued by the HDRDCIMS module. The message length did not add up to the required length. This condition should not have occurred. This was probably due to some internal system error.**Action:** The session was terminated. Try again or contact TIBCO Support.**S6BDC020E****INITIALISATION ERROR, UNABLE TO CONTINUE****Source:** IMS TM**Explanation:** This message is issued by the HDRDCIMS module. The system was unable to obtain storage for internal control blocks.**Action:** The session was terminated. Try again or contact TIBCO Support.**S6BDC021E****MULTI-DATA SEGMENTS NOT SUPPORTED****Source:** IMS TM**Explanation:** Multiple data segments are not supported under the current release of Object Service Broker.**Action:** Change the application so that it does not use multiple segments.**S6BDC022E****"CHNG" ALTERNATE IOPCB ERROR, STATUS CODE = " "****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. An error was encountered when issuing the change request to IMS modifiable alternate IOPCB for program switching. The status code is returned by IMS.**Action:** Determine the cause of the error, if possible, or contact TIBCO Support for assistance.

S6BDC023E**"ISRT" SPA ERROR, STATUS CODE = " "****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. An error was encountered when issuing the insert SPA request to IMS. The status code is returned by IMS.**Action:** Determine the cause of the error, if possible, or contact TIBCO Support.**S6BDC024E****"ISRT" MESSAGE ERROR, STATUS CODE = "****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. An error was encountered when issuing the insert message request to IMS. The status code is returned by IMS.**Action:** Determine the cause of the error, if possible, or contact TIBCO Support for assistance.**S6BDC025E****TRANSACTION "XXXXXXXXX":
RRRRRRRRRRRRRRR****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. Immediate program switch to the transaction XXXXXXXX was unsuccessful; RRRRRRRRRRRRRR is the reason.**Action:** The switch operation was terminated. Correct the error and re-run the program, if possible, or contact TIBCO Support.**S6BDC026E****"XX" SEGMENT ERROR, STATUS CODE = "XX"****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. An error was encountered when issuing the get segment request to IMS. The operation and the status code returned by IMS are displayed in the message.**Action:** Determine the cause of the error, if possible, or contact TIBCO Support.**S6BDC031I****SESSION ENDED****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. The Object Service Broker session is ended at the request of the user.**Action:** No action required.**S6BDC032E****SESSION ABNORMALLY TERMINATED****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. The Object Service Broker session has terminated abnormally. This message is usually accompanied by other more specific error messages.**Action:** Determine the cause of the error, if possible, or contact TIBCO Support for assistance.

S6BDC033E**SESSION TERMINATED; SUBTASK NOT ATTACHED****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. A Object Service Broker session cannot continue because the gateway task was not initialized.**Action:** Initialize the Object Service Broker environment and try again.**S6BDC034E****SESSION TERMINATED; INVALID CONTROL BLOCK POINTER****Source:** IMS TM**Explanation:** This message is issued by the S6BDCKRN module. A Object Service Broker session cannot continue because of an invalid Object Service Broker internal control block error.**Action:** Contact TIBCO Support for assistance.**S6BDC041E****UNABLE TO DELETE 12345678 REASON CODE=X"12345678"****Source:** IMS TM**Explanation:** This message is issued by the HDRDCDIT module. The Object Service Broker Execution Environment termination module was unable to delete the named module for the reason indicated by the reason code (which is the return code in R15 passed from the z/OS DELETE macro). The Object Service Broker Execution Environment termination continues.**Action:** Determine the cause of the error if possible, or contact TIBCO Support.**S6BDC043I****IMS TM INTERFACE TERMINATION COMPLETE****Source:** IMS TM**Explanation:** This message is issued by the HDRDCDIT module. The Object Service Broker Execution Environment interface termination is complete.**Action:** No action required.**S6BDC044E****IMS TM INTERFACE TERMINATION FAILED****Source:** IMS TM**Explanation:** This message is issued by the HDRDCDIT module. The Object Service Broker Execution Environment interface termination failed. This message is usually accompanied by other more specific error messages.**Action:** Investigate and correct the problem, or contact TIBCO Support for assistance.

DD: DB2 - DOB

S6BDD000I

@DB2TABLES definition error:

Source: DB2 - DOB

Explanation: @DB2TABLES is defined incorrectly. This error occurred when you tried to access the specified table.

Action: Contact TIBCO Support.

S6BDD001I

@DB2TABLES entry not found for table

Source: DB2 - DOB

Explanation: The specified DB2 table is not correctly defined to Object Service Broker.

Action: Check the DB2 table definition.

S6BDD002I

@DB2FIELDS definition error:

Source: DB2 - DOB

Explanation: @DB2FIELDS is defined incorrectly. This error occurred when you tried to access the specified table.

Action: Contact TIBCO Support.

S6BDD006I

TDS CTABLE missing DTABLE field

Source: DB2 - DOB

Explanation: The DB2 table is defined incorrectly. An entry in the Object Service Broker table FIELDS is missing.

S6BDD003I

@DB2FIELDS table not found for table

Source: DB2 - DOB

Explanation: The specified DB2 table is not correctly defined to Object Service Broker; @DB2FIELDS fields has no occurrences for the table.

Action: Check the DB2 table definition.

S6BDD004I

CTABLE for DB2 data too large for table

Source: DB2 - DOB

Explanation: The DB2 table contains too many fields.

Action: Reduce the number of fields in the DB2 table definition or contact TIBCO Support.

S6BDD005I

No fields defined for table

Source: DB2 - DOB

Explanation: The specified DB2 table does not have any fields defined.

Action: Verify the DB2 table definition.

Action: Check the DB2 table definition.

S6BDD007I

@DB2FIELDS index page found for table

Source: DB2 - DOB

Explanation: A large number of DB2 fields are defined for the table, causing a data page split in @DB2FIELDS.

Action: Contact TIBCO Support.

DM: CA Datacom server, utilities

S6BDM001E

Denied access to table %

Source: CA Datacom server, utilities

Explanation: Access to the table has been denied by security

Action: Acquire the adequate access authority from your security administrator.

S6BDM002I

Table % successfully generated

Source: CA Datacom server, utilities

Explanation: The named table has been created based on the CA-Datacom's Data Dictionary's definition of the data in the table.

Action: Review the defined table for compliance with any local standards.

S6BDM003E

Unable to generate a unique DAT table name from CA-Datacom definition "%"

Source: CA Datacom server, utilities

Explanation: The table definition generation is unable to create a unique MetaStor table name to reflect the CA-Datacom's definition of the table.

Action: Use the normal Table Definer utility to create a unique MetaStor table definition of this CA-Datacom table.

S6BDM004I

Redefines not supported for DAT table definition: CA-Datacom table "%"

Source: CA Datacom server, utilities

Explanation: Only one definition of a portion of a record is allowed. Table definition generation will only use the first definition found.

Action: Create a different MetaStor table definition for each of the CA-Datacom table redefinitions.

S6BDM005E

Unable to convert syntax for field "%"

Source: CA Datacom server, utilities

Explanation: The CA-Datacom field's data type does not have a corresponding MetaStor field syntax or conversion.

Action: Use the RD syntax to access the field in its raw form.

S6BDM006E

Unable to generate unique DAT field name from CA-Datacom field "%"

Source: CA Datacom server, utilities

Explanation: The named field name is not unique enough for the table generation facility to create the required unique MetaStor field name.

Action: Use the normal Table Definer utility to create the MetaStor definition of this CA-Datacom table, assigning your own unique field names.

S6BDM007I

Please extract the CA-Datcom metadata for %

Source: CA Datcom server, utilities

Explanation: The named CA-Datcom table definition was not found in the extract tables.

Action: Run an extract of the CA-Datcom Data Dictionary to get the metadata for this table, or correct the spelling of this table name.

S6BDM008I

Please use a security-level-1 OSB userid to generate CA-Datcom tables

Source: CA Datcom server, utilities

Explanation: You should use a security-level-1 OSB userid to create definitions. Otherwise, other users will not be able to access the generated table definition.

Action: Switch to a userid with level-one security. If the table needs a higher security level, assign it after the definition has been generated, or use the standard Table Definer utility to create the definition using the userid with a security level higher than one.

S6BDM009I

CA-Datcom extract submitted; please check output of job

Source: CA Datcom server, utilities

Explanation: The CA-Datcom Data Dictionary extract job has been submitted.

Action: Check the output of the job for correctness. The JCL submitted must be customized before first use.

S6BDM011I

Table not generated; use a valid serverid

Source: CA Datcom server, utilities

Explanation: A valid SERVERID must be provided before the CA-Datcom definition can be generated into a MetaStor table definition.

Action: Provide the SERVERID that this CA-Datcom table will be accessed with.

S6BDM012E

Data conversion error in table "%", "%"

Source: CA Datcom server, utilities

Explanation: Gives the table name and field name where the data could not be converted using the MetaStor and CA-Datcom definitions provided.

Action: Change the definition of this table to reflect the actual data, or correct the data in the invalid row occurrence.

S6BDM013I

Table not generated; Serverid cannot exceed 8 characters

Source: CA Datcom server, utilities

Explanation: The maximum length for a SERVERID is 8 characters.

Action: Provide a SERVERID value of 8 characters or less.

S6BDM015E

URT not found, or %/% not in the URT

Source: CA Datacom server, utilities

Explanation: The URT associated with the table being access was found neither in the HRNEXTR library nor in the STEPLIB concatenation, or the required CA Datacom table was not found in the URT.

Action: Prepare a CA Datacom URT with DBNTRY entry point and place it the load library available to the DAT server through the STEPLIB or HRNEXTR DD statement (see the manual for details).

S6BDM016E

Unexpected RC %-% from CA-Datcom while issuing command(%) against table(%), DBID(%)

Source: CA Datacom server, utilities

Explanation: The CA-Datcom Gateway received an unexpected return code from CA-Datcom while executing the named command against table / DBID, as indicated.

Action: Look up the RC returned by the Gateway in the CA Datacom/DB Message Reference Guide to determine the cause of failure.

S6BDM017E

Unexpected RC %-% from CA-Datcom while issuing command(%) against URT(%)

Source: CA Datacom server, utilities

Explanation: The requested row is not found.

Action: No action is required.

S6BDM018I

Enter a CA-Datcom table name, ALL or partial*

Source: CA Datacom server, utilities

Explanation: Enter the data to indicate the CA-Datcom dictionary information to be extracted.

Action: Enter the CA-Datcom table name, ALL or partial* to indicate the eligible tables.

S6BDM019I

The CA-Datcom metadata batch extract only works from TSO/MVS

Source: CA Datacom server, utilities

Explanation: This facility (CA-Datcom Dictionary extract) only works when initiated from the TSO environment.

Action: Exit the Execution Environment you are currently using, and use a TSO Execution Environment to initiate the CA-Datcom Dictionary extract Utility.

S6BDM020E

DBID % (table %) does not have an entry in @DATACOM_URTS

Source: CA Datacom server, utilities

Explanation: The DBID for the table specified does not have a URT associated with it. The list of URTs loaded at CA-Datcom server startup time can be found in @DATACOM_URTS(serverid).

Action: Add the appropriate URT to the @DATACOM_URTS table and retry. Note that the CA-Datcom server does NOT have to be recycled.

S6BDM021I

URT % is closed. Try later

Source: CA Datacom server, utilities

Explanation: The URT with the specified name has been closed by an operator request and is unavailable until specifically opened.

Action: Wait for the URT to be opened via a OPENURT=name command.

S6BDM023I

% % URT name % closed

Source: CA Datacom server, utilities

Explanation: The specified URT name has been closed via a CLOUSEURT command

Action: None.

S6BDM024I

% % URT name % marked available

Source: CA Datacom server, utilities

Explanation: The specified URT has been marked available by an OPENURT command. The URT will not be opened until the first data access.

Action: None.

S6BDM025E

% % URT name % specified in CLOSEURT or OPENURT not found

Source: CA Datacom server, utilities

Explanation: The URT name specified by a CLOSEURT or OPENURT was not found in the server.

Action: Look in the CA-Datacom Gateway job log for the list of URTs loaded, and specify a correct name.

S6BDM026I

% % URT name % successfully loaded

Source: CA Datacom server, utilities

Explanation: The named URT has been successfully loaded

Action: None.

S6BDM027E

% % Load of URT name % failed

Source: CA Datacom server, utilities

Explanation: The named URT could not be loaded.

Action: The URTs to load reside in a LOAD library described in the STEPLIB or HRNEXTR DD statement of the DAT server startup JCL.

S6BDM028E

% % Server initialization FAILED, check the message log for possible causes

Source: CA Datacom server, utilities

Explanation: The server failed to complete its initialization process.

Action: Possible causes are indicated in the log above this message.

S6BDM030I

% % CA-Datacom Gateway Terminated

Source: CA Datacom server, utilities

Explanation: Information message indicating that the CA-Datacom server has completed normal termination.

Action: None.

S6BDM032E

% % **Unknown command %**

Source: CA Datacom server, utilities

Explanation: The SERVERCOMMAND entered in the Data Object Broker is unknown.

Action: Enter a valid command.

S6BDM033I

% % **Fail Safe query**

Source: CA Datacom server, utilities

Explanation: Message indicating that an indoubt transaction is outstanding for this server. This request queries the Fail Safe transaction database to determine if the indoubt transaction had completed.

Action: None.

S6BDM034E

% % **No URT modules found, server terminating**

Source: CA Datacom server, utilities

Explanation: The server could not find any URT modules to load.

Action: A URT named after the server ID or named S6BDATDB could not be found. The URT modules must reside in the load library specified either in the STEPLIB or HRNEXTR DD statement.

S6BDM035I

@SERVERDEBUG(%) **settings: %**

Source: CA Datacom server, utilities

Explanation: Displays the values specified in the @SERVERDEBUG table for this gateway

Action: None

S6BDM036E

Security error for user % : SAF rc=%, RACF rc=.%.

Source: CA Datacom server, utilities

Explanation: Unsuccessful verification of the (USERID, PASSWORD) pair by OSB DAT Server when running with SECURITYLEVEL=1.

Action: Check the USERID and PASSWORD that your application passes to CA Datacom .

S6BDM038E

CA-Datacom user security credentials unavailable or malformed.

Source: CA Datacom server, utilities

Explanation: The server runs with SECURUTYLEVEL=1. The application has passed no security credentials or those passed cannot be used.

Action: Make sure the application passes the user security credentials (USERID, PASSWORD) to the DAT server by invoking the SET_DAT_SEC rule.

S6BDM039E

The WHERE clause against table % is too long for the DAT server to process.

Source: CA Datacom server, utilities

DP: Execution Environment print

S6BDP000E

- PARM=('userid,spoolid,jobname,jobnumber')

Source: Execution Environment print

Explanation: This message is displayed at the system console when a CICS-submitted printing job fails. This message is preceded by S6BDP001E message. This message text is the job parameter of the submitted job. The parameter fields are:

- userid is the CICS operator user ID
- spoolid is a unique ID generated by spooling subsystem
- jobname is the CICS job name that submitted this printing job
- jobnumber is the CICS job number that submitted this job

Action: Take appropriate action as described in message S6BDP0001E.

S6BDP001E

IEFSSREQ ERROR - R15=X'XX'

SSOBRETN=X'XX'

Source: Execution Environment print

Explanation: This message is issued by the offline print utility S6BDRPRT. The error was encountered when trying to obtain the DSNAM for the SYSOUT data set. The SYSOUT data set is not printed or deleted. Refer to the following codes to determine the cause for the failure (the values for R15 are determined in the z/OS macro IEFSSOBH and for SSOBRETN in macro IEFSSSO):

1. R15

- SSRTOK -- 0: A successful completion. The request was sent to the JES subsystem.
- SSRTNSUP -- 4: The subsystem does not support this function.
- SSRTNTUP -- 8: The subsystem exists, but it is not up.
- SSRTNOSS -- 12: The subsystem does not exist.
- SSRTDIST -- 16: The function did not complete - disastrous error.
- SSRTLERR -- 20: Logical error (bad SSOB format).

2. SSOBRETN

- SSSORTOK -- 0: Everything is OK.
- SSSOEODS -- 4: No more data sets to select. This error can be caused by specification of a HELD sysout class for the EE parameter PRINTSPOOLCLASS=. This condition may also be caused if a JES2 operator attempted to purge the output of the CICS or native EE job and subsequent print requests were made.
- SSSONJOB -- 8: Job not found.
- SSSOINVA -- 12: Invalid search arguments.
- SSSOUNAV -- 16: Unable to process now.
- SSSODUPJ -- 20: Duplicate jobnames.
- SSSOINVJ -- 24: Invalid jobname/jobid combination.
- SSSOIDST -- 28: Invalid destination specified.

- SSSOAUTH -- 32: Authorization failed.
- SSSOTKNM -- 32: Token map failed.

Action: The program is terminated. Take actions appropriate to the return codes. If assistance is required, contact TIBCO Support.

S6BDP002E

**ALLOCATE FAILED FOR JESDS='XXXXXX',
R15=X'XX' RBERROR=X'XXXX'
RBINFO=X'XXXX'**

Source: Execution Environment print

Explanation: This message is issued by the offline print utility S6BDRPRT. The error is encountered during dynamic allocation of the SYSOUT data set. JESDS identifies the data set being allocated. The return code, and the error and information codes, are also included in the message. Refer to the z/OS Application Development Guide: Authorized Assembler Language Programs manual for further information regarding the meaning of the RBERROR and RBINFO codes. The sysout data set is not to be printed or deleted.

Action: The program is terminated. Use the return code, and the error and information codes, to determine the problem. If you need help, contact TIBCO Support.

S6BDP003E

OPEN ERROR FOR JESDS=

Source: Execution Environment print

Explanation: This message is issued by the offline utility S6BDRPRT. The error is encountered when trying to open the SYSOUT data set. JESDS identifies the name of the data set being opened. The SYSOUT data set is not printed or deleted.

Action: The program is terminated. Determine the cause of the error. Refer to the z/OS System Messages manual for further instructions. If you need assistance, contact TIBCO Support.

S6BDP004E

**UNALLOC FAILED FOR JESDS='XXXXXX',
R15=X'XX' RBERROR=X'XXXX'
RBINFO=X'XXXX'**

Source: Execution Environment print

Explanation: This message is issued by the offline utility S6BDRPRT. The error is encountered during dynamic unallocation of the SYSOUT data set. JESDS identifies the name of the data set being unallocated. The return code, and the error and information codes, are also included in the message. Refer to the z/OS Application Development Guide: Authorized Assembler Language Programs manual for further information regarding the meaning of the RBERROR and RBINFO codes. The SYSOUT data set is not printed or deleted.

Action: This program is terminated. Use the return code, and the error and information codes, to determine the problem. If you need assistance, contact TIBCO Support.

DR: Execution Environment

S6BDR001E

ERROR=0000 ABCDEFGH.ABCDEFGH+12345
VERSION=00/00/00 00.00 V0.00.000

Source: Execution Environment

Explanation: This message is issued by the HDRSBLMC module. This message is issued at the time of an abend if the ESTAE flag is set and if the abend was intentionally generated by the \$ABEND macro.

- ERROR displays the abend reason code referencing the internal error messages table in the HDRSBLMC module.
- ABCDEFGH.ABCDEFGH+00000 points to the abend instruction offset from the active module CSECT beginning.
- VERSION displays the abend CSECT date, time and version identification in that order.

Action: Contact TIBCO Support.

S6BDR002E

ERROR=E000 ABCDEFGH.ABCDEFGH+12345
VERSION=00/00/00 00.00 V0.00.000

Source: Execution Environment

Explanation: This message is issued by the HDRSBLMC module at the time of an abend if the ESTAE flag is set and if the abend was unintentional.

- ERROR displays the abend completion code.
- ABCDEFGH.ABCDEFGH+00000 points to the abend instruction offset from the active module csect beginning.

- VERSION displays the abend csect date, time and version identification in that order.

Action: Contact TIBCO Support.

S6BDR003E

TIBCO Object Service Broker REQUIRES MVS/XA FOR THIS VERSION

Source: Execution Environment

Explanation: You must upgrade your system to MVS/XA to use this version of Object Service Broker.

Action: Contact TIBCO Support for assistance.

S6BDR004W

ADDRESS SPACE NOT APF AUTHORIZED

Source: Execution Environment

Explanation: This warning message is issued when the Native Execution Environment initialization module detects that it is not invoked as APF authorized. Without APF authorization, Object Service Broker cannot use privileged Operating System facilities such as Cross Memory Services.

The reason could be one of the following:

- The Object Service Broker loadlib is not APF authorized
- One of the loadlibs concatenated to the Object Service Broker loadlib for the //JOB LIB or //STEPLIB DD is not APF authorized

- Module S6BDR000 is not linked with a "SETCODE AC(1)" statement

Action: Do one of the following, in this order:

1. Identify and correct the cause of the problem and retry
2. Install the Object Service Broker Execution Environment SVC routine to enable APF authorization

S6BDR005E

***** OF SERVER TASK FAILED

Source: Execution Environment

Explanation: This message is issued by the S6BDR000 module. The Execution Environment initialization/termination routine was unable to either attach or detach the TIBCO(r) Object Service Broker gateway task; the initialization or termination process was terminated. This message is usually accompanied by other more specific error messages.

Action: Investigate and correct the problem, or contact TIBCO Support for assistance.

S6BDR006E

EXECUTION ENVIRONMENT STARTUP FAILED

Source: Execution Environment

Explanation: This message is issued by the S6BDR000 module. The Execution Environment initialization routine is unable to initialize the interface. This message is usually accompanied by other more specific error messages.

Action: Investigate and correct the problem, or contact TIBCO Support for assistance.

S6BDR007E

Unknown or no gateway specified

Source: Execution Environment

Explanation: The specified name given is not a valid gateway, or no gateway was specified.

Action: Specify a valid gateway.

S6BDR008E

Execution Environment subtask abended,
R15=X'xxxxxxx'

Source: Execution Environment

Explanation: This message is issued by the HDRSBSVA module. An attempt to attach the subtask failed. This message is usually preceded by other error messages providing more information for the failure. In the message, xxxxxxxx is the abend code.

Action: Determine the cause of the error or contact TIBCO Support for assistance.

S6BDR009E

Shared memory error: %

Source: Execution Environment

Explanation: The specified error occurred while processing the osee shared memory area.

Action: If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BDR010E

**EE MAIN TASK TCB ABENDED
PROCESSING_CPE FNC.
UID=**

Source: Execution Environment

Explanation: The Execution Environment main task abended. If the abend occurred during the processing of a CPE function, the name of the function appears in the message. If available, the userid is also in the message.

Action: No action is required.

S6BDR011I

SUBTASK WAS ATTACHED.

Source: Execution Environment

Explanation: The Execution Environment has attached the subtask named in the message.

Action: No action required.

S6BDR012I

EE subtask was terminated.

Source: Execution Environment

Explanation: The Execution Environment has dropped the subtask named in the message. The action was due to an abend or initiated for refreshing purposes.

Action: No action required.

S6BDR013E

NEE COULD NOT RESTART THE RULE-BASED SERVER.

Source: Execution Environment

Explanation: The Execution Environment unsuccessfully tried to restart the abended rule-based gateway/server.

Action: No action required.

S6BDR014E

EE main task TCB has been terminated prematurely due to the unrecoverable error

Source: Execution Environment

Explanation: The Execution Environment main task suffered an abend and is unable to recover due to one of the following reasons: 1) an abend occurred before the recovery routine was set up. 2) an abend occurred in the retry routine. 3) the number of abends exceeded the limit set.

Action: The recovery routine would percolate the abend and the Execution Environment terminated.

S6BDR015I

EE subtask xxxxxxxx is recovering after the user abend Yyyyyy at zzzzzzzz

Source: Execution Environment

Explanation: To explain the following actions, such as a subtask recycle, an external gateway recycle, etc., xxxxxxxx names the subtask that has experienced the user abend yyyyy while running module called zzzzzzzz.

Action: Take no action unless the situation caused other problems, in which case contact TIBCO Support.

S6BDR016E

Error occurred while parsing parameter: '%'

Source: Execution Environment

Explanation: The specified error occurred while parsing the startup parameters.

Action: Correct the syntax of the startup parameters.

S6BDR017E**Printer operation '%' failed for printer %****Source:** Execution Environment**Explanation:** The specified operation failed for the specified printer.**Action:** Make sure the printer is correctly installed on your network and retry your printing operation. If it continues to fail, contact your system administrator.**S6BDR018E****Device context operation '%' failed****Source:** Execution Environment**Explanation:** The specified operation failed on a Microsoft Device context.**Action:** Check the operating system error number provided with the message. It should indicate the reason for the failure.**S6BDR019E****Failed to access font '%'****Source:** Execution Environment**Explanation:** An attempt to access the specified font for printing failed.**Action:** Check the operating system error number provided with the message. It should indicate the reason for the failure.**S6BDR020I****EXECUTION ENVIRONMENT IS NOT ATTACHED****Source:** Execution Environment**Explanation:** This message is issued by the S6BCSOPS module. The Execution Environment is not attached.**Action:** No action required.**S6BDR021I****EXECUTION ENVIRONMENT IS ATTACHED -****Source:** Execution Environment**Explanation:** This message is issued by the S6BCSOPS module. The Execution Environment is attached and ready to accept logons.**Action:** No action required.**S6BDR022I****EXECUTION ENVIRONMENT IS ALREADY ATTACHED****Source:** Execution Environment**Explanation:** This message is issued by S6BCSRUN module. A HINT (interface initialization) transaction was issued to activate the TIBCO(r) Object Service Broker CICS interface, but the Execution Environment task has already been attached and the interface is ready to accept logons.**Action:** No action required.**S6BDR023E****Failed to initialize NLS****Source:** Execution Environment**Explanation:** An attempt to initialize the National Language Support tables failed.**Action:** Make sure the value specified for the CHARSET parameter to the osee is supported on your system.

S6BDR024E**First rule failed****Source:** Execution Environment**Explanation:** The first rule for a given user session failed.**Action:** Previous error messages written to the log should explain the reason for the failure.**S6BDR025E****Error occurred while spawning %****Source:** Execution Environment**Explanation:** The attempt to spawn a new process using the specified binary failed.**Action:** Check the operating system error number provided with the message. It should indicate the reason for the failure.**S6BDR026E****Function undefined for argument value****Source:** Execution Environment**Explanation:** A programming error has occurred.**Action:** Contact TIBCO Support.**S6BDR027E****Thread operation '%' failed****Source:** Execution Environment**Explanation:** The specified thread action failed.**Action:** Check the operating system error number provided with the message. It should indicate the reason for the failure. If it does not, contact TIBCO Support.

3. If unable to determine the problem,

S6BDR028E**Conversion of '%' failed for parameter %****Source:** Execution Environment**Explanation:** Conversion of the specified string value to a value that could be stored in the specified parameter failed.**Action:** If the value originates from user input, check the type of the parameter and correct the value. Otherwise, contact TIBCO Support.**S6BDR029E****Unable to determine computer name****Source:** Execution Environment**Explanation:** At osee startup, an attempt is made to determine the name of the computer on which the process is executing.**Action:** Check the operating system error number provided with the message. It should indicate the reason for the failure.**S6BDR030E****TDS=..... MDL=..... OPENPORT FAILED, SERVER TASK IS NOW DORMANT****Source:** Execution Environment**Explanation:** An attempt by the Execution Environment to establish communications with the Data Object Broker has failed. The value for TDS identifies the Data Object Broker and the value for MDL is the VTAM APPLID supplied by the user.**Action:** Do the following:

1. Ensure that the Data Object Broker is active.
2. Ensure that the TDS parameter specifies the correct ID for the Data Object Broker. contact TIBCO Support.

S6BDR031I**ENCRYPTION EXIT LOAD FAILED DUE TO MISSING SVC**

Source: Execution Environment

Explanation: The Object Service Broker SVC is mandatory for the use of the security encryption exit.

Action: Refer to earlier messages as to why the SVC is not present. Correct the reason, and restart your Execution Environment for the exit to be enabled.

S6BDR032I**ENCRYPTION EXIT LOAD FAILED DUE TO UNAUTHORIZED USER EXIT**

Source: Execution Environment

Explanation: The customer-installable encryption exit is not authorized, or has been loaded from an unauthorized library.

Action: The customer exit must be link edited with an authorized code of 1 (AC(1)). It must also reside in an APF authorized library, and all libraries that may be concatenated with this library must also be APF authorized.

S6BDR033I**ENCRYPTION EXIT LOAD FAILED DUE TO MISSING LOAD MODULE**

Source: Execution Environment

Explanation: The customer encryption exit (HDRSCXIT) could not be found in the STEPLIB or HRNLIB data sets.

Action: Ensure that you link the HDRSCXIT load module into the proper library.

S6BDR034E**Buffer overflow occurred while writing to a fixed length buffer**

Source: Execution Environment

Explanation: A programming error has occurred.

Action: Contact TIBCO Support.

S6BDR035E**Attempt to create a temporary file name failed**

Source: Execution Environment

Explanation: An attempt to create a temporary file name failed.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure. If it does not, contact TIBCO Support.

S6BDR036E**An access was made on an unregistered session**

Source: Execution Environment

Explanation: A programming error has occurred.

Action: Contact TIBCO Support.

S6BDR037E**Error of type '%' occurred while performing a data conversion**

Source: Execution Environment

Explanation: An attempt to convert data from one semantic/syntax type to another failed for the specified reason. The reason is one of the following:

- DATAERR - The input data does not conform to the restrictions placed on it by the input semantic/syntax.

- **OVERFLOW** - The data is too large for the supported syntax.
- **CONVERR** - An unsupported conversion was attempted.
- **PARMERR** - One or more of the parameters to a conversion routine was invalid.
- **TRUNCATION** - The data was truncated as a result of the conversion to the target syntax.
- **SYSTEMERR** - A system error occurred during the conversion.

Action: Examine the online logs to locate the source of the error. If the reason specified is **SYSTEMERR**, contact TIBCO Support. If the data originates from user input, provide the user with the appropriate diagnostic messages and re-prompt for input. Otherwise, correct either the data source or the application.

S6BDR038E

Unexpected exception was caught

Source: Execution Environment

Explanation: An unexpected internal exception occurred.

Action: If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BDR039E

Conversion of '%' failed for parameter %

Source: Execution Environment

Explanation: Conversion of the specified integral value to a value that could be stored in the specified parameter failed.

Action: If the value originates from user input, check the type of the parameter and correct the value. Otherwise, contact TIBCO Support.

S6BDR040E

Call was made to dummy member function

Source: Execution Environment

Explanation: A programming error has occurred.

Action: Contact TIBCO Support.

S6BDR041E

EE abended due to exception thrown at %: %

Source: Execution Environment

Explanation: An osee process abended due to an internal exception that occurred at the specified line in the specified source file of the product.

Action: If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BDR042E**EE abended****Source:** Execution Environment**Explanation:** An osee process abended.**Action:** If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.**S6BDR043E****Session Abended****Source:** Execution Environment**Explanation:** A user session abended.**Action:** If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.**S6BDR044E****Transaction Stack Abended****Source:** Execution Environment**Explanation:** A transaction stack abended.**Action:** If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.**S6BDR045E****Transaction Abended****Source:** Execution Environment**Explanation:** A transaction abended.**Action:** If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.**S6BDR046E****Failed to initialize transaction stack****Source:** Execution Environment**Explanation:** The osee failed to initialize a transaction stack.**Action:** If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.**S6BDR047E****Failed to activate session start transaction****Source:** Execution Environment**Explanation:** During session startup, a transaction is created for access to startup information that is stored in the MetaStor. The attempt to activate this transaction failed.**Action:** If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.**S6BDR048E****Failed to activate session termination transaction****Source:** Execution Environment**Explanation:** During session termination, a transaction is created for the logoff rule. The attempt to activate this transaction failed.**Action:** If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BDR049E

Failed to activate transaction for the first rule

Source: Execution Environment

Explanation: A transaction is created for the first rule that is run by the session. The attempt to activate this transaction failed.

Action: If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BDR050E

Error occurred while setting the security group

Source: Execution Environment

Explanation: An attempt to change the user's security group failed.

Action: Previous log messages should provide more information as to the reason for the failure. Make sure the user belongs to the specified security group.

S6BDR051E

Cross Memory ABTERM detected, ASID=%

Source: Execution Environment

Explanation: The Object Service Broker ESTAE recovery routine detected a problem that occurred while in cross-memory mode. The ASID indicated was the one where the error occurred. This message provides additional information to other error messages for the situation.

Action: None.

S6BDR052E

Connection to Data Object Broker has been lost; EE interface re-initialization required

Source: Execution Environment

Explanation: This message is issued by the HDRSBEXR module. It was found that the Data Object Broker connected to this Object Service Broker Execution Environment has been shutdown and restarted, and therefore, the Execution Environment is out of synchronization with the restarted Data Object Broker.

Action: The Object Service Broker Execution Environment will have to be re-initialized to re-establish the link.

S6BDR053I

EE SVC nnn(xx) validated, Version:

Level:

Source: Execution Environment

Explanation: The Object Service Broker SVC routine has been verified to be correct and compatible with the rest of the Object Service Broker EE system modules. The version and compatibility level are displayed.

Action: No action is required.

S6BDR054I

CROSS-MEMORY COMMUNICATION ENABLED, ID=.....

Source: Execution Environment

Explanation: This message is issued by the S6BDRTMR module. Communication has been established with the Object Service Broker Data Object Broker utilizing Cross Memory Services with the MDL described by the message.

Action: No action is required.

S6BDR055E

Failed to connect to DOB '%'

Source: Execution Environment

Explanation: An osee process is unable to connect to the specified Data Object Broker.

Action: The preceding log messages should explain the reason for the failure. Make sure the Data Object Broker in question is running.

S6BDR056E

COMMAREA TOO SMALL FOR OCCURRENCE

Source: Execution Environment

Explanation: This message is issued by the BLTPASSD module. Object Service Broker has attempted to place a requested occurrence in the user created COMMAREA. The space remaining in this COMMAREA was too small to contain the occurrence.

Action: Do one of the following:

- Increase the size of the COMMAREA passed to Object Service Broker.
- Reduce the size of the occurrence to be written to the COMMAREA.
- If the user is writing multiple occurrences to the COMMAREA, reduce the number.

S6BDR057E

TABLE OCCURRENCE NOT FOUND

Source: Execution Environment

Explanation: This message is issued by the BLTPASSD module. Object Service Broker cannot find the occurrence that was chosen to be written to the user supplied COMMAREA.

Action: Ensure that the occurrence exists, or that the occurrence is placed in the table buffer before \$SETCOMMAREA is called.

S6BDR058E

TABLE NOT FOUND

Source: Execution Environment

Explanation: This message is issued by the BLTPASSD module. The table specified in \$SETCOMMAREA cannot be found.

Action: Ensure that the requested table exists.

S6BDR059E

SVC routine(..) SVA module(..)

Source: Execution Environment

Explanation: This message is issued by the HDRSBSVA module. It is preceded by either S6BDR060E or S6BDR062E. It provides the Major and Minor compatibility-level numbers for the SVC routine and the HDRSBSVA module.

Action: Correct the incompatibility situation or contact TIBCO Support for assistance.

S6BDR060E

Shared ENQ on specified SVC no. nnn(xx) failed verification: xxxxxxxxxxxxxxxxxxxxxx

Source: Execution Environment

Explanation: This message is issued by the HDRSBSVA module when a shared ENQ was unsuccessful on the Object Service Broker SVC. In the message:

- nnn is the SVC number in decimal
- xx is the SVC number in hexadecimal
- xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx is the reason for the failure

Possible reasons are as follows:

- The SVC number is not specified
- The SVC number is invalid (range: 255-200)
- The SVC routine is not available
- The SVC routine is not installed
- The SVC routine is incompatible
- SVC is not type 3 or 4

Action: Correct the error and retry or contact TIBCO Support for assistance.

S6BDR061E

Load failed for "xxxxxxx"
ABCODE=X'xxxxxxx' Reason
Code=X'xxxxxxx'

Source: Execution Environment

Explanation: This message is issued by the HDRSBSVA module. Loading of the installation default module failed. The module name, abend code, and reason code are documented in the appropriate IBM manual, under the LOAD macro. The Object Service Broker Execution Environment will

therefore be running in a non-authorized degraded mode. Full Object Service Broker Execution Environment functionality may not be provided.

Action: This message is followed by message S6BDR063W.

S6BDR062E

"mmmmmmmm" specified SVC number nnn(xx) failed verification:
 xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Source: Execution Environment

Explanation: This message is issued by the HDRSBSVA module. In the message:

- mmmmmmmmm is the name of the installation defaults module
- nnn is the SVC number in decimal
- xx is the SVC number in hexadecimal
- xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx is the reason for the failure

Possible reasons are as follows:

- The SVC number is not specified
- The SVC number is invalid (range: 200-255)
- The SVC routine is unavailable
- The SVC routine is not installed
- The SVC routine is incompatible
- The SVC is not type 3 or 4

Action: This message is followed by message S6BDR063W.

S6BDR063W

Execution Environment will run unauthorized

Source: Execution Environment

Explanation: This message is issued by the HDRSBSVA module and may be preceded by message S6BDR061E or S6BDR062E. The Execution Environment will run unauthorized for the reason stated in the preceding message. If no reason is stated, the Object Service Broker SVC was located properly but the library from which TIBCO(r) Object Service Broker was loaded was unauthorized.

Action: To ensure that TIBCO(r) Object Service Broker always initializes in an authorized state, use one of the three methods described in the Installation and Operations manual.

S6BDR064I

INITIALIZATION COMPLETE FOR SERVER CLASS (ATTACHED TASK=...)

Source: Execution Environment

Explanation: This message is issued by the S6BDRTMR module. Initialization of the specified gateway/server class has been successful.

Action: No action required.

S6BDR065I

TERMINATION COMPLETE FOR SERVER CLASS

Source: Execution Environment

Explanation: This message is issued by the S6BDRTMR module. Termination of the specified gateway/server class has been successful.

Action: No action required.

S6BDR066E

COMMUNICATION CONNECTION LOST, ID=.....

Source: Execution Environment

Explanation: This message is issued by the S6BDRTMR module. Execution Environment communication with the Data Object Broker has been lost.

Action: Check that the Data Object Broker is still active, and that VTAM is still functioning.

S6BDR067E

COMMUNICATION PORT FAILURE, ID=.....

Source: Execution Environment

Explanation: This message is issued by the S6BDRTMR module. The user's Execution Environment connection to the Data Object Broker has been lost.

Action: Check that the Data Object Broker is still active, and whether the user session was canceled.

S6BDR068E

ERROR RECOVERY FAILED FOR TASK CLASS, USER

Source: Execution Environment

Explanation: This message is issued by the HDRSBEXR module. The attempt to recover from an error situation has failed for the Task class (and the user if the Task was processing a user). The Task was terminated with an Object Service Broker snap dump.

Action: Contact TIBCO Support.

S6BDR069E

**CPE CONNECT PROCESSING FAILED FOR
XXXXXXXX, RC=XX. CPE HEX DUMP
FOLLOWS**

Source: Execution Environment

Explanation: This message indicates that an attempt to connect with the Execution Environment has failed for the named VTAM application identifier. The connection processing element is dumped in hexadecimal format to allow diagnosis of the problem.

Action: Retain the Execution Environment JES joblog and forward to Object Service Broker TIBCO Support for analysis.

S6BDR070E

**OPERATOR CONNECTION LOST,
EXECUTION ENVIRONMENT SHUTDOWN
SCHEDULED**

Source: Execution Environment

Explanation: The operator connection with the Data Object Broker has been lost. The Execution Environment cannot continue without this connection. An automatic shutdown of the Execution Environment is scheduled.

Action: The likely cause of this message is the Data Object Broker to which the Execution Environment is connected has been shutdown either normally or abnormally. Review the Data Object Broker's JES joblog and determine the reason for its termination.

S6BDR071E

EUT CONNECTION FAILED, ID = ????????

Source: Execution Environment

Explanation: This message is issued when the Execution Environment is unable to require a connection request from either an end user terminal or a remote program.

Action: Check communication parameters.

S6BDR072I

- SESSION CANCELLED

Source: Execution Environment

Explanation: The session has been canceled. There can be any number of reasons to cancel a session: the Data Object Broker is being recycled, locks held by one session prevent other sessions from proceeding, the session is in an infinite loop, etc.

Action: This is an information message. The user should consult with the Object Service Broker System Administrator if session cancellation was not only unexpected but disruptive.

S6BDR073E

%

Source: Execution Environment

Explanation: This message contains a hexadecimal dump of the connection processing element that could not be successfully processed. Message S6BDR069E indicates the end user attempting connection and the reason for the failure.

Action: Keep the Execution Environment JES joblog for TIBCO Support.

S6BDR074E**Failed to initialize task parameters****Source:** Execution Environment**Explanation:** An attempt to initialize the osee startup parameters with values stored in the Data Object Broker failed.**Action:** Previous log messages should provide more information as to the reason for the failure. Make sure the version of the Data Object Broker is compatible with the version of the osee.**S6BDR075E****Failure occurred while initializing the session parameters****Source:** Execution Environment**Explanation:** An attempt to initialize one or more of the session parameters failed.**Action:** Previous log messages should provide more information as to the reason for the failure.**S6BDR076E****Failed to initialize the screen server****Source:** Execution Environment**Explanation:** An attempt to initialize the ActiveX Adapter server in an osee failed.**Action:** Previous log messages should provide more information as to the reason for the failure.**S6BDR077I****- NOT AUTHORIZED TO ISSUE SMF RECORDS****Source:** Execution Environment**Explanation:** The address space is not sufficiently authorized to issue SMF records.**Action:** This is an information message. The Execution Environment can execute from either an authorized or unauthorized load library. Without APF authorization, SMF records cannot be issued.**S6BDR078I****COMMAND "%" ISSUED****Source:** Execution Environment**Explanation:** This message is issued by the HDRSBOCP module. This message is an echo to the command entered to serve as an audit trail.**Action:** No action required.**S6BDR079E****EXECUTION ENVIRONMENT REQUIRES AUTHORIZATION FOR THIS COMMAND. COMMAND FAILED.****Source:** Execution Environment**Explanation:** This message is issued by the HDRSBOCP module. The command entered requires APF authorization for the Execution Environment.**Action:** The command was not processed. Refer to the Installation and Operations manual for information on Authorized Library requirements.

S6BDR080I**EXECUTION ENVIRONMENT SHUTDOWN
ALREADY IN PROGRESS****Source:** Execution Environment**Explanation:** Execution Environment shutdown is in progress.**Action:** The shutdown request is ignored.**S6BDR081W****USER NOT CURRENTLY LOGGED ON
TO THE EXECUTION ENVIRONMENT.****Source:** Execution Environment**Explanation:** This message is issued by the HDRSBOCP module. The user identified in the CANCELUSER command was not currently logged on to TIBCO(r) Object Service Broker via this Execution Environment, and the request could not be completed.**Action:** Check the userid entered with the CANCELUSER command, correct, and reenter the command.**S6BDR082I****CANCEL OF USER HAS BEEN
SCHEDULED****Source:** Execution Environment**Explanation:** This message is issued by the HDRSBOCP module. The user session identified was scheduled to be canceled in response to the CANCELUSER command entered.**Action:** No action required.**S6BDR083I****EXECUTION ENVIRONMENT SHUTDOWN
HAS BEEN SCHEDULED****Source:** Execution Environment**Explanation:** This message is issued by the HDRSBOCP module. A shutdown request has been entered, and this is the acknowledgement that the shutdown sequence has been initiated.**Action:** No action required.**S6BDR084E****COMMAND SPECIFIED IS NOT A VALID
EXECUTION ENVIRONMENT COMMAND.****Source:** Execution Environment**Explanation:** This message is issued by the HDRSBOCP module. The command entered was not recognized as a valid Execution Environment command. This message is preceded by the S6BDR078I message, which echoed the command entered.**Action:** Check the preceding S6BDR078I message for the command entered and reenter with a valid Execution Environment command.**S6BDR085E****AN INTERNAL ERROR OCCURRED
PROCESSING THE COMMAND****Source:** Execution Environment**Explanation:** This message is issued by the HDRSBOCP module. An Execution Environment internal error has been encountered during the processing of the command.**Action:** Contact TIBCO Support.

S6BDR086I

user session termination already in progress

Source: Execution Environment

Explanation: This message was issued in response to an Execution Environment CANCELUSER request. This system determined that session termination was already in progress either by a prior CANCELUSER request or due to some other errors such as terminal lost.

Action: If the session in question was not terminated for some reason such as it was in a loop, the FORCEUSER command can be used to force the session. 2 WARNING: Use of the FORCEUSER command may cause system integrity problems as proper cleanup is not always possible. Use with discretion.

S6BDR087I

user FORCE session termination has been scheduled

Source: Execution Environment

Explanation: FORCE session request was accepted.

Action: Session termination is in progress.

S6BDR088I

user FORCE session termination already in progress

Source: Execution Environment

Explanation: FORCE termination of the user session was in progress.

Action: The current request is ignored.

S6BDR089I

user cancellable - try CANCEL before FORCE

Source: Execution Environment

Explanation: Always use the CANCEL session command to take out a session gracefully. Use FORCE only as a last resort.

Action: The FORCE session command has not been honoured.

S6BDR090W

Execution Environment not authorized, SHUTI may not be successful

Source: Execution Environment

Explanation: SHUTI may need to FORCE a user session and if the Execution Environment is not running APF authorized, the FORCE will fail and the shutdown may fail.

Action: It is recommended that the Execution Environment be APF authorized.

S6BDR091E

Cannot CANCELUSER/FORCEUSER with NOSTAE option specified

Source: Execution Environment

Explanation: This message was issued in response to an Execution Environment CANCELUSER request. This request cannot be processed because NOSTAE was specified as an Execution Environment configuration option. TIBCO(r) Object Service Broker uses

the z/OS ESTAE facilities to cancel a user session; if NOSTAE is in effect, TIBCO(r) Object Service Broker cannot perform the CANCELUSER function.

Action: Issuing the Data Object Broker command CANCELUSER may have left the user active to the Execution Environment. Configure your Execution Environment with the STAE option to allow the successful cleanup of the abnormally terminated user session.

S6BDR092E

Server type not specified, enter "TYPE=" parameter in the command

Source: Execution Environment

Explanation: The gateway/server type is needed in order to perform the request for the intended type of gateway/server.

Action: Reenter the command with the TYPE= keyword parameter.

S6BDR093E

STARTNUMSERVER value exceeded the maximum number set - use the SETN command to increase

Source: Execution Environment

Explanation: STARTNUMSERVER value exceeded either the initial number specified in the HRNIN parameter file or the number set by the SETNUMSERVER command.

Action: Use the SETNUMSERVER command to increase the maximum.

S6BDR094E

SETNUMSERVER value exceeded maximum allowable with the current number of DISINTRP tasks

Source: Execution Environment

Explanation: The SETNUMSERVER value is greater than the number of DSPINTRP tasks minus one. User sessions run under the DSPINTRP tasks, each rule-based gateway/server monopolizes one DSPINTRP task, and at least one gateway/server must be available to run the user session.

Action: Run a higher number of DSPINTRP tasks by specifying a higher value for the TASKEEXECNUM= parameter in the HRNIN.

S6BDR095E

Unable to obtain the definition for table '%'

Source: Execution Environment

Explanation: An attempt to load the definition for the specified table failed.

Action: Make sure the specified table is defined in the MetaStor of the Data Object Broker to which your osee is connected.

S6BDR096E

Attempt was made to start too many transactions in a session. The limit is %

Source: Execution Environment

Explanation: An attempt is being made to nest more than TRANMAXNUM transactions.

Action: Either increase the value of your TRANMAXNUM parameter or rewrite your application to require fewer nested transactions.

S6BDR097E

SHUTI is invalid without a prior SHUT

Source: Execution Environment

Explanation: SHUTI was rejected because the Execution Environment parameter "REJECTSHUTI=YES" is specified.

Action: Try SHUT first. If that does not shut down the Execution Environment, then use SHUTI.

S6BDR098E

Data Object Broker rejected server registration

Source: Execution Environment

Explanation: An attempt to connect a gateway/server process to a Data Object Broker failed.

Action: If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BDR099E

HCS close port failed for server

Source: Execution Environment

Explanation: An attempt to close an HCS port opened for a gateway/server process failed.

Action: If messages that precede this message do not provide sufficient information to diagnose the cause of this failure, contact TIBCO Support.

S6BDR100I

Parameter '%' will not be used for server of type '%'

Source: Execution Environment

Explanation: Gateways/servers started by an osMon process via a gateway/server definition file have some of their parameters set by the osMon. Any value specified by the user is ignored. This message informs the user that the specified parameter's value is overridden by osMon for the specified gateway/server type.

Action: No action required. If you want to avoid the message, remove the parameter's assignment from the gateway/server definition file.

S6BDR101E

HCS send/receive failure

Source: Execution Environment

Explanation: An attempt to send or receive a message between a gateway/servers process and a Data Object Broker process failed.

Action: Ensure that the Data Object Broker is running.

S6BDR102E

Preemptive shutdown of server

Source: Execution Environment

Explanation: A shutdown message was sent to a gateway/server process from a Data Object Broker process. As a result, the gateway/server is brought down.

Action: Look in the Data Object Broker processes log file to determine the reason for the shutdown.

S6BDR103E**Unknown server message type****Source:** Execution Environment**Explanation:** An unknown message type was sent from the Data Object Broker to a gateway/server.**Action:** Contact TIBCO Support.**S6BDR104E****Logon request for remote user was rejected****Source:** Execution Environment**Explanation:** A peer server rejected a logon request from a remote user.**Action:** Messages that precede this message should provide sufficient information to determine the reason for the failure. Check the security profile of the user.**S6BDR105E****Execution of server transaction failed****Source:** Execution Environment**Explanation:** Execution of a gateway/server transaction failed.**Action:** Messages that precede this message in the log should provide sufficient information to determine the cause of the failure.**S6BDR106E****Server parameters generation failed****Source:** Execution Environment**Explanation:** Several of the parameters used to start peer servers are generated by the osMon. This process failed.**Action:** Make sure the EENAME parameter is set to a non-empty string and the number of servers started by a given osMon is less than 1369.**S6BDR107E****This server TYPE is ONLY valid in a CICS EE.****Source:** Execution Environment**Explanation:** The TYPE of gateway/server being requested in the operator command is only valid in a CICS Execution Environment.**Action:** Please refer to the Object Service Broker documentation for the valid gateway/server types. Contact TIBCO Support if you need further assistance.**S6BDR108E****This server TYPE is NOT valid in a CICS EE.****Source:** Execution Environment**Explanation:** The TYPE of gateway/server being requested in the operator command is not valid in a CICS Execution Environment.**Action:** Please refer to the Object Service Broker documentation for the valid gateway/server types. Contact TIBCO Support if you need further assistance.

S6BDR109E

Only 1 (one) server of this TYPE is allowed in a given EE.

Source: Execution Environment

Explanation: This is due to the restrictions of the TYPE of DBMS which allows only one thread per Address Space.

Action: Please refer to the Object Service Broker documentation for a detailed explanation. Contact TIBCO Support if you need further assistance.

S6BDR110E

CLI Client CONNECT request failed. Reason: EE not initialized with Standby Sessions.

Source: Execution Environment

Explanation: The Execution Environment was not initialized with Standby Sessions. Standby Sessions are needed to support CLI Client/Server applications.

Action: Use either of the following options to provide Standby Sessions in the Execution Environment:

- Specify the STANDBYNUM=*n* region parameter via EECONFIG or via HRNIN to set the number of sessions desired.
- Use the following set of operator commands to dynamically start up Standby Sessions:
 - For Native Execution Environment:

```
F jobname , SETN=n , TYPE=STB
```

```
F jobname , STARTN=n , TYPE=STB
```

- For CICS Execution Environment, use the HSRV transaction:

```
HSRV SETN=n , TYPE=STB
```

```
HSRV STARTN=n , TYPE=STB
```

S6BDR111E

Start <type> CICS background task failed.

Reason: EE not APF authorized.

Source: Execution Environment

Explanation: z/OS APF authorization is required for the Execution Environment to start the indicated CICS background task.

Action: Refer to the Object Service Broker documentation to learn how to APF authorize the Execution Environment. Contact TIBCO Support if you need further assistance.

S6BDR112E

CLI Start session failed. Reason: No Standby Sessions exist in EE

Source: Execution Environment

Explanation: There are no Standby Sessions in the Execution Environment. Standby Sessions are needed to support CLI Client/Server applications.

Action: Use one of the following options to provide Standby Sessions in the Execution Environment:

- Specify the STANDBYNUM=*n* region parameter via EECONFIG or via HRNIN to set the number of sessions desired.
- Use the following set of operator commands to dynamically start up Standby Sessions:
 - For Native Execution Environment:

```
F jobname , SETN=n , TYPE=STB
```

```
F jobname , STARTN=n , TYPE=STB
```

- For CICS Execution Environment, use the HSRV transaction:

```
HSRV SETN=n , TYPE=STB
```

```
HSRV STARTN=n , TYPE=STB
```

S6BDR113W

**EE FAILED TO CONNECT TO
COMMUNICATION PORT HDR
INITIALIZATION TERMINATED**

Source: Execution Environment

Explanation: This message is issued by the S6BDRTMR module. Unable to establish an operator communication connection with the host Object Service Broker Data Object Broker or the Object Service Broker Native Execution Environment.

Action: Do the following:

1. Ensure that the Object Service Broker Data Object Broker or the Object Service Broker Native Execution Environment is active.
2. If the Object Service Broker Data Object Broker or the Object Service Broker Native Execution Environment is active, contact TIBCO Support.

S6BDR114E

Computer name (%) is too long

Source: Execution Environment

Explanation: The operating system name given to the host computer is too long. Object Service Broker expects it to be less than 17 characters.

Action: Rename your host computer to a name whose length is less than 17 characters.

S6BDR115E

**TOKEN service is not supported by the
Operating System, Encryption Exit not enabled**

Source: Execution Environment

Explanation: The Operating System's TOKEN service is used to implement the Encryption Exit to protect the potential integrity exposure and this version of the Operating System does not support this service.

Action: z/OS is required for the IEANTCR service.

S6BDR116E

**TOKEN create failed, Encryption Exit not
enabled**

Source: Execution Environment

Explanation: Attempt to create the Encryption Exit TOKEN failed. This is probably caused by Object Service Broker internal error.

Action: Contact TIBCO Support for assistance.

S6BDR117E

**TOKEN delete failed, Encryption Exit not
deleted**

Source: Execution Environment

Explanation: Attempt to delete the Encryption Exit TOKEN failed, this is probably caused by Object Service Broker internal error. The Encryption Exit routine would be deleted by the Operating System cleanup routine at EE termination.

Action: None.

S6BDR118W

**SERVERTYPE=..... NOT SUPPORTED IN A
..... ENVIRONMENT**

Source: Execution Environment

Explanation: This message is issued by the HDRSBSRV csect called by S6BDRTMR during Execution Environment initialization and termination. The message indicates that the Execution Environment is attempting to start a gateway/server in an environment that does not support the specified gateway type. Execution Environment initialization continues as normal.

Action: Start the gateway/server in a supported environment. Refer to the Object Service Broker documentation for more information.

S6BDR119W

SERVERS NOT STARTED

Source: Execution Environment

Explanation: Message issued by CSECT HDRSBSRV. This message accompanies message S6BDR118W and indicates that a gateway/server of the specified type could not be started.

Action: Start the gateway/server in a supported environment. Refer to the documentation for more information.

S6BDR120W

**NUMBER OF SERVERS REDUCED TO 1 FOR
THIS SERVERTYPE**

Source: Execution Environment

Explanation: Multiple external database gateways were requested via the SERVERS= parameter. Only one gateway of the specified gateway type can be started. The system has automatically reduced the requested number of gateways to one.

Action: No action required.

S6BDR121I

**Language Environment pre-initialization
module successfully loaded**

Source: Execution Environment

Explanation: The Object Service Broker Execution Environment initialization successfully loaded module CEEPIPI, the IBM Language Environment pre-initialization module.

Action: No action is required.

S6BDR122E

**CLI Start EE failed. Reason: This version of
S6BDRAPI does not support CICS EE.**

Source: Execution Environment

Explanation: The S6BDRAPI load module is not linkedited with the required CICS stubs.

Action: Reinstall the Object Service Broker CICS component.

S6BDR123E

Wait on named pipe %

Source: Execution Environment

Explanation: A wait() on an operating system named pipe (or FIFO) failed.

Action: If this message persists, contact TIBCO Support.

S6BDR124E

Client socket cannot be duplicated

Source: Execution Environment

Explanation: The osee process cannot duplicate the client socket.

Action: Contact TIBCO Support.

S6BDR125W

Start session waiting for available standby session

Source: Execution Environment

Explanation: All available standby sessions in this Execution Environment are in use. Therefore the Start session request is put in a wait queue.

Action: Check with your Object Service Broker system administrator about increasing the number of standby sessions.

S6BDR126I

Waiting for standby session complete

Source: Execution Environment

Explanation: The waiting for a standby session is over; one or more standby sessions have become available.

Action: None.

S6BDR127E

Remote CLI user session Receive Exit error, session terminated

Source: Execution Environment

Explanation: The Object Service Broker communications Receive Exit detected a severe internal system error during the processing of an incoming message. The error was unrecoverable and the session was unable to continue.

Action: The session was terminated.

S6BDR128I

Number of ttttttt task changed to nnn

Source: Execution Environment

Explanation: The number of the named task had been increased to the number nnn. This is because the number specified in EE CONFIG or in the EE HRNIN parameter file did not meet the minimum required for the successful operation of the Execution Environment. ttttttt is the type of task nnn is the number of the type of task

Action: None.

S6BDR130I

EXECUTION ENVIRONMENT QUIESCE HAS COMMENCED

Source: Execution Environment

Explanation: Normal shutdown of the Execution Environment has started.

Action: No action required.

S6BDR131I

CLI Start session waiting for standby session to initialize

Source: Execution Environment

Explanation: There are no active standby sessions in the CICS Execution Environment. Standby sessions are needed to support CLI client/server applications.

This situation could happen if the CLI application is getting ahead of the standby session initialization.

Action: None.

S6BDR132I

CLI Start session waiting for standby session to initialize is complete

Source: Execution Environment

Explanation: The wait for standby session initialization is over; one or more standby sessions have become ready.

Action: None.

S6BDR133W

..... DD statement ignored

Source: Execution Environment

Explanation: The print DD statement named in the message is ignored because it is not to be used in a multi-user Execution Environment such as CICS or in a Native Execution Environment.

Object Service Broker dynamically allocates spool data sets for print output.

Action: No action is required.

S6BDR135W

**OPERATOR COMMAND REJECTED;
SHUTDOWN PROCESS IN FINAL STAGES**

Source: Execution Environment

Explanation: Operator command logged via the preceding S6BDR078I message is not being accepted since Shutdown processing is in its final stages and necessary components to service this command may have been dismantled.

Action: None.

S6BDR136I

**Execution Environment initialization complete,
Version:**

Source: Execution Environment

Explanation: This message indicates that the Execution Environment initialization process has completed and Version indicates the current release level.

Action: None.

S6BDR137E

**Invalid request code XXXXXXXX passed to
HDRCSOPS**

Source: Execution Environment

Explanation: An invalid request code was passed to HDRCSOPS.

Action: Contact TIBCO Support.

S6BDR138E**Invalid data returned to HDRCSOPS from HDRBUSR****Source:** Execution Environment**Explanation:** Invalid data was returned to program HDRCSOPS from program HDRBUSR.**Action:** Contact TIBCO Support.**S6BDR139E****SMG could not be initialized****Source:** Execution Environment**Explanation:** The SMG control block could not be initialized.**Action:** Contact TIBCO Support.**S6BDR140E****STOPSERVER failed, Type=..., Name=....., Id=....., RC=..., reason code=...****Source:** Execution Environment**Explanation:** The STOPSERVER request sent to the Data Object Broker came back with the return code and the reason code indicated in the message.

Possible return codes and their reason codes are:

- 8
 - 0 - Request not implemented
 - 4 - Type or group not defined
 - 8 - Resource not defined
 - 12 - Path not found

- 12 - Directive error detected

Action: The Execution Environment would not be shutdown successfully if the gateway/server was not stopped. The Execution Environment may appear to be hung. You can try to stop the gateway/server manually by using the Admin Facility or the following z/OS console command:

F dobjname,STOPSERVER=id,TYPE=type

S6BDR141E**Session ran out of memory****Source:** Execution Environment**Explanation:** The session ran out of memory.**Action:** Increase the SESSIONMEMMAX parameter value.**S6BDR142E****Transaction ran out of memory****Source:** Execution Environment**Explanation:** A transaction ran out of memory.**Action:** Increase the TRANMEMMAX parameter value.**S6BDR143W****Failed to send session log to OAI client due to loss of communication connection****Source:** Execution Environment**Explanation:** The attempt to send the session log to the ActiveX Adapter client failed because the connection to the client is lost.**Action:** Determine why the connection is lost. It is typically either a hardware failure or an improper shutdown of the ActiveX Adapter application.

S6BDR144W

Failed to send end-of-session message to the client due to loss of communication connection

Source: Execution Environment

Explanation: The attempt to send the end-of-session message to the client failed because the connection to the client is lost.

Action: Determine why the connection is lost. It is typically either a hardware failure or an improper shutdown of the ActiveX Adapter application.

S6BDR145W

Client closed session

Source: Execution Environment

Explanation: The client process closed the session. The normal shutdown procedure calls for the Execution Environment to initiate session close.

Action: Determine why the client process closed the session. Typically it is as a result of the user forcing a disconnection.

S6BDR146E

Invalid data received on client / EE connection

Source: Execution Environment

Explanation: Data received by an Execution Environment process from a client process did not satisfy the constraints of the communication protocol.

Action: If the message persists, contact TIBCO Support.

S6BDR147W

Unable to initialize compression engine, level=%

Source: Execution Environment

Explanation: The attempt to initialize the compression engine for ActiveX Adapter communication packet compression failed. The ActiveX Adapter connection is established with no compression.

Action: If the message persists, contact TIBCO Support.

S6BDR148E

OAI client version %.% is not supported by this Execution Environment

Source: Execution Environment

Explanation: The ActiveX Adapter client version is not supported by the Execution Environment.

Action: Upgrade your ActiveX Adapter client to a more recent version.

S6BDR149E

Unable to compress data. Error code = %

Source: Execution Environment

Explanation: The Execution Environment failed to compress a packet destined for an ActiveX Adapter client.

Action: If the problem persists, contact TIBCO Support.

S6BDR150E

Unable to decompress data. Error code = %

Source: Execution Environment

Explanation: The Execution Environment failed to decompress a packet received from an ActiveX Adapter client.

Action: If the problem persists, contact TIBCO Support.

S6BDR151E

Thread operation failed, '%'

Source: Execution Environment

Explanation: An attempt to execute the specified thread operation failed.

Action: Examine the operating system error codes to determine the reason for this failure.

S6BDR152E

Failed to initialize the trusted base

Source: Execution Environment

Explanation: During session initialization, the Execution Environment failed to initialize the trusted base tables.

Action: Make sure the Data Object Broker is operating correctly.

S6BDR153E

Update of audit log Failed

Source: Execution Environment

Explanation: An attempt to update the audit log failed.

Action: Make sure the Data Object Broker is operating correctly. Check to see if the audit log is full. If this error persists, contact TIBCO Support.

S6BDR154E

Communication Services close port failed

Source: Execution Environment

Explanation: An attempt to close an Object Service Broker Communication Service port failed.

Action: This message may result from the abend of the process on the other end of the port. Examine accompanying messages in the local log and in the remote processes' log files.

S6BDR155E

Attempt to prompt user for userid/password failed

Source: Execution Environment

Explanation: An attempt to prompt a user for their userid and password failed.

Action: Retry to log on onto the system.

S6BDR156E

An error occurred while attempting to % a mutex

Source: Execution Environment

Explanation: The specified action on an operating system mutex failed.

Action: Examine the operating system error codes to determine the reason for the failure. If the error persists, contact TIBCO Support.

S6BDR157E

Attempt to exceed EE-DOB connection limit for DOB '%' failed

Source: Execution Environment

Explanation: The specified Data Object Broker has been configured to accept only a specified number of Execution Environment connections. An attempt was made to exceed this limit.

Action: Do either of the following:

- Connect fewer Execution Environments to the Data Object Broker. This can be done by increasing the number of sessions that run on each Execution Environment.
- Increase the MAXUSERS parameter that is set in the crparm file.

S6BDR158E

An error occurred while attempting to % a memory mapped file

Source: Execution Environment

Explanation: The specified action on a memory mapped file failed.

Action: Check the operating system error code to determine the reason for the failure. If the problem persists, contact TIBCO Support.

S6BDR159E

An error occurred while attempting to % an event

Source: Execution Environment

Explanation: The specified action on an event failed.

Action: Check the operating system error code to determine the reason for the failure. If the problem persists, contact TIBCO Support.

S6BDR160E

An error occurred while attempting to % a security descriptor

Source: Execution Environment

Explanation: The specified action on a security descriptor failed.

Action: Check operating system error code in order to determine the reason for the failure. If the problem persists, contact TIBCO Support.

S6BDR161E

An atexit call failed

Source: Execution Environment

Explanation: An atexit call, a system called made to ensure proper process shutdown, failed.

Action: Check operating system error code in order to determine the reason for the failure. If the problem persists, contact TIBCO Support.

S6BDR162E

Failed to bind to shared table / rule cache

Source: Execution Environment

Explanation: An Execution Environment failed to bind to the shared table or rule cache maintained by its osMon.

Action: Check the logs to determine the reason for failure. If the problem persists, contact TIBCO Support.

S6BDR163E**Process operation '%' failed****Source:** Execution Environment**Explanation:** The specified operation failed on a process object.**Action:** Examine the operating system error codes to determine the reason for the failure.**S6BDR169E****Failed to create or start the thread that waits for session terminations****Source:** Execution Environment**Explanation:** An attempt to create or start the thread that waits for session thread terminations failed.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR170I****TIMEOUTLIMIT reached waiting for keyboard input****Source:** Execution Environment**Explanation:** The session has shutdown after waiting for keyboard input for more than the amount of time specified by the TIMEOUTLIMIT parameter.**Action:** If you do not want a timeout, set the TIMEOUTLIMIT parameter to a larger value or to zero. Refer to the Parameters manual for more detail on the TIMEOUTLIMIT and ALLOWSESSIONTIMEOUTLIMIT parameters.**S6BDR171E****Standby Session initialization failed****Source:** Execution Environment**Explanation:** The initialization of a standby session failed. This message follows other, more specific, error messages.**Action:** Check for other error messages preceding this message.**S6BDR172I****Unable to issue HINT command. Reason: EE not APF authorized.****Source:** Execution Environment**Explanation:** An automatic re-cycle of the CICS interface was required due the failure of the Data Object Broker. The EE was unable to issue the HINT command to achieve this as the EE was not APF authorized.**Action:** If desired restart the CICS interface manually. If automatic restart capability is required APF authorize this EE.**S6BDR173E****Error in registry key %****Source:** Execution Environment**Explanation:** The previous error was found in this registry entry.**Action:** Correct the previous error.**S6BDR174E****Error in parameter file % in section preceeding line %****Source:** Execution Environment**Explanation:** The previous error was found in this file.**Action:** Correct the previous error.

S6BDR200I

Language Environment pre-initialization module is being loaded

Source: Execution Environment

Explanation: This is an informational message indicating that CEEPIPI, the LE pre-initialization module, is being loaded.

If loading of this module is successful, initialization of the Object Service Broker Execution Environment continues.

If it fails, initialization of the Object Service Broker Execution Environment is terminated by the Operation System with an abend code and a reason code.

Action: If initialization is unsuccessful, determine the cause of failure by referring to your operating system's abend codes manual. For assistance, contact TIBCO Support.

S6BDR201E

Language Environment function(%) failed, RC=%

Source: Execution Environment

Explanation: A call to the IBM Language Environment preinitialization interface routine (CEEPIPI), to run the identified function, ended in an error.

RC identifies the Return Code from the LE interface routine. The function code and RC are documented in the IBM Language Environment Programming Guide.

This is likely an internal Object Service Broker error.

Action: Contact TIBCO Support for assistance.

S6BDR202E

sub_ret_code=% sub_reason_code=%
sub_feedback_code=%

Source: Execution Environment

Explanation: This message provides additional information, if available, to message S6BDR201E. All the codes are documented in the IBM Language Environment Programming Guide.

See message S6BDR201E for more information.

Action: Contact TIBCO Support for assistance.

S6BDR300E

Parameter % does not specify an accessible directory

Source: Execution Environment

Explanation: The value of the parameter does not specify an existing directory.

Action: Set the parameter to the path of an accessible directory.

S6BDR301E

Temporary file allocation routine '%' failed

Source: Execution Environment

Explanation: An attempt to allocate a temporary disk file failed. Likely causes are insufficient directory permissions or disk full conditions.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BDR302E

Error occurred during sanity check of temporary directory parameter % [%]

Source: Execution Environment

Explanation: Verification that temporary files may be created, opened for read and write access, and deleted within the temporary directory failed.

Action: Review any previous messages related to temporary files to determine the action to be taken.

S6BDR400E

System call '%' failed

Source: Execution Environment

Explanation: A system call failed.

Action: Examine the operating system error codes to determine the reason for this failure.

S6BDR401E

POSIX thread API '%' failed, retcode=[%]

Source: Execution Environment

Explanation: A POSIX thread API call failed.

Action: Examine the return code to determine the reason for the failure.

S6BDR402E

POSIX semaphore API '%' failed

Source: Execution Environment

Explanation: A POSIX semaphore API call failed.

Action: Examine the operating system error codes to determine the reason for this failure.

S6BDR403E

UI thread API '%' failed, retcode=[%]

Source: Execution Environment

Explanation: A UNIX International thread API call failed.

Action: Examine the return code to determine the reason for the failure.

S6BDR405E

Win32 API '%' failed

Source: Execution Environment

Explanation: A Win32 API call failed.

Action: Examine the operating system error codes to determine the reason for this failure.

S6BDR420E

Error occurred creating thread

Source: Execution Environment

Explanation: An attempt to create a thread failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR421E

Error occurred destroying thread

Source: Execution Environment

Explanation: An attempt to destroy a thread failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR422E**Error occurred starting thread****Source:** Execution Environment**Explanation:** An attempt to start a thread failed.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR423E****Invalid state for thread start, state=%****Source:** Execution Environment**Explanation:** A thread object was not in the correct state to allow a start operation.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR424E****Error occurred resuming thread****Source:** Execution Environment**Explanation:** An attempt to resume a thread failed.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR425E****Error occurred joining with thread****Source:** Execution Environment**Explanation:** An attempt to join with a thread failed.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR426E****Attempt made to join with detached thread****Source:** Execution Environment**Explanation:** An illegal attempt was made to join with a thread that is detached.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR427E****Invalid state for thread join, state=%****Source:** Execution Environment**Explanation:** A thread object was not in the correct state to allow a join operation.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR428E****Error occurred obtaining thread state****Source:** Execution Environment**Explanation:** An attempt to get the state of a thread failed.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.**S6BDR429E****Error occurred exiting thread****Source:** Execution Environment**Explanation:** An attempt to exit a thread failed.**Action:** Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR430E

Error occurred during thread sleep

Source: Execution Environment

Explanation: A request to sleep could not be satisfied for the requested interval.

Action: Examine the operating system error codes to determine the reason for this failure.

S6BDR431E

Thread Id % has ABENDED from an exception thrown at %: %

Source: Execution Environment

Explanation: A thread detected it has not correctly handled an internal exception.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR432E

Thread Id % has ABENDED from an unexpected exception

Source: Execution Environment

Explanation: A thread detected that it incorrectly handled an unexpected exception.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR440E

Error occurred allocating TLS index

Source: Execution Environment

Explanation: An attempt to allocate an index for thread local storage failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR441E

Error occurred getting TLS value, index= %

Source: Execution Environment

Explanation: An attempt to get a value associated with an index for thread local storage failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR442E

Error occurred setting TLS value, index= %

Source: Execution Environment

Explanation: An attempt to set a value associated with an index for thread local storage failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR450E

Error occurred creating mutex

Source: Execution Environment

Explanation: An attempt to create a mutex failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR451E

Error occurred destroying mutex

Source: Execution Environment

Explanation: An attempt to destroy a mutex failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR452E

Error occurred locking mutex

Source: Execution Environment

Explanation: An attempt to lock a mutex failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR453E

Error occurred unlocking mutex

Source: Execution Environment

Explanation: An attempt to unlock a mutex failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR460E

Error occurred creating semaphore

Source: Execution Environment

Explanation: An attempt to create a semaphore failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR461E

Error occurred opening semaphore

Source: Execution Environment

Explanation: An attempt to open a semaphore failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR462E

Error occurred destroying semaphore

Source: Execution Environment

Explanation: An attempt to destroy a semaphore failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR463E

Error occurred posting semaphore

Source: Execution Environment

Explanation: An attempt to post a semaphore failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR464E

Error occurred waiting on semaphore

Source: Execution Environment

Explanation: An attempt to wait on a semaphore failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR465E

Error occurred during semaphore timed wait

Source: Execution Environment

Explanation: A timed wait on a semaphore failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BDR501E

Failed to load DLL/Shared Object % for S6BCALL/S6BFUNCTION support

Source: Execution Environment

Explanation: The Execution Environment failed to load one of the DLLs/Shared Objects listed in the S6BCALLLIBRARIES parameter value.

Action: Ensure that the DLL/Shared Object names in S6BCALLLIBRARIES are spelled correctly and the DLLs/Shared Objects are in the relevant paths.

S6BDR502E

DLL/Shared Object % has no entry point for S6BCALL/S6BFUNCTION support

Source: Execution Environment

Explanation: The Execution didn't find the required entry point for S6BCALL/S6BFUNCTION support in the DLL/Shared Object.

Action: Ensure that the DLL/Shared Object is properly coded S6BCALL/S6BFUNCTION support.

S6BDR969E

Failed to update DOB session counter

Source: Execution Environment

Explanation: An attempt to update a Data Object Broker session counter (increase or decrease) failed.

Action: Preceding log messages should provide more information as to the reason for the failure.

S6BDR970E

Not licensed to access TIBCO(r) Object Service Broker

Source: Execution Environment

Explanation: The limits entry is missing in the license key.

Action: Check the session limits and types in the license key. Contact TIBCO Support.

S6BDR971E

License key limit exceeded

Source: Execution Environment

Explanation: You exceeded the limit of users allowed for this session type as specified in the license key.

Action: Check the session limits and types in the license key. If necessary, contact TIBCO Support.

S6BDR972W

Not enough session memory to minimize Remote CLI/Java CLI message buffer

Source: Execution Environment

Explanation: The Execution Environment failed to optimize Remote CLI/Java CLI memory usage - not enough session memory.

Action: Increase the SESSIONMEMMAX parameter.

S6BDR973E

Not enough session memory to accommodate DataOut Remote CLI/Java CLI commarea

Source: Execution Environment

Explanation: The Execution Environment cannot allocate the DataOut Remote CLI/Java CLI commarea for rule call -- not enough session memory.

Action: Increase the SESSIONMEMMAX parameter value.

S6BDR974E

Cannot allocate memory for a Remote CLI or a Java CLI session

Source: Execution Environment

Explanation: There is not enough memory to complete Remote CLI or Java CLI request processing.

Action: Increase the SESSIONMEMMAX Execution Environment parameter value or make more main memory available to Object Service Broker.

S6BDR975E

Invalid Remote CLI/Java CLI message received. Session abended

Source: Execution Environment

Explanation: Data received by an Execution Environment process from a Remote CLI or Java CLI client process does not satisfy the constraints of the communication protocol.

Action: If the message persists, contact TIBCO Support.

S6BDR976E

This version of Remote CLI or Java CLI client is not supported

Source: Execution Environment

Explanation: This version of the Remote CLI client or the Java CLI client is not supported by this Execution Environment.

Action: Use the appropriate version of the Remote CLI client or the Java CLI client.

S6BDR977E

Unexpected Remote CLI or Java CLI request received. Session abended

Source: Execution Environment

Explanation: The Remote CLI client or the Java CLI client issued an invalid sequence of requests. The session abended.

Action: If the message persists, contact TIBCO Support.

S6BDR978E

Cannot open Remote CLI/Java CLI port. Session abended

Source: Execution Environment

Explanation: The Execution Environment failed to open a port for Remote CLI or Java CLI connection.

Action: If the message persists, contact TIBCO Support.

S6BDR979W

Not enough session memory to receive Remote CLI/Java CLI message

Source: Execution Environment

Explanation: The Execution Environment cannot accommodate the incoming Remote CLI/Java CLI message - not enough session memory.

Action: Increase the SESSIONMEMMAX Execution Environment parameter value.

S6BDR980E

Remote CLI/Java CLI DataOut commarea is inconsistent after rule call

Source: Execution Environment

Explanation: A rule called via the Remote CLI or the Java CLI reformatted the DataOut commarea header incorrectly.

Action: Make sure that the rule formats the CLI DataOut commarea header correctly.

S6BDR981E

Cannot register Remote CLI/Java CLI commareas

Source: Execution Environment

Explanation: The Execution Environment failed to register Remote CLI/Java CLI commarea memory.

Action: If this message persists, contact TIBCO Support.

S6BDR984E

System message log overflow

Source: Execution Environment

Explanation: An attempt is being made to write too much data into the system message log.

Action: Increase the value of the SESSION MSGLOGMAX parameter.

S6BDR985E

User message log overflow

Source: Execution Environment

Explanation: An attempt is being made to write too much data into the user message log.

Action: Increase the value of the SESSION MSGLOGMAX parameter.

S6BDR992E

Remote CLI or Java CLI connection lost. Session abended

Source: Execution Environment

Explanation: A connection to a Remote CLI or a Java CLI client process was lost.

Action: Check the accompanying messages to determine the reason for the lost connection.

S6BDR996E

There are no local printers accessible from your computer

Source: Execution Environment

Explanation: The PRINTDEST parameter is set to LOCAL. An attempt was made to determine which printers are local with respect to the machine on which the process is executing. It failed to locate any local printer.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BDR997E

Error occurred while attempting to enumerate local printers

Source: Execution Environment

Explanation: The PRINTDEST parameter is set to LOCAL. An attempt was made to determine which printers are local with respect to the machine on which the process is executing. It failed to locate any printer.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BDR998W

Only one of PRINTDEST and PRINTXWTR should be non-NULL

Source: Execution Environment

Explanation: The PRINTDEST parameter specifies the name of the printer the user wants reports printed on. PRINTXWTR specifies a program that directs reports to a nonstandard device. Only one of them should be specified at a time.

Action: Reset one of these parameters to NULL. Look in the session log file to determine the source of each parameter.

S6BDR999E

End OAI client failed. Return code = %

Source: Execution Environment

Explanation: An attempt to terminate a connection to an ActiveX Adapter client by an osee failed.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

D2: DB2 Gateway

S6BD2000I

%

Source: DB2 Gateway

Explanation: This is an echo of the start up parameters.

Action: No action required.

S6BD2001I

Starting gateway initialization

Source: DB2 Gateway

Explanation: Object Service Broker gateway initialization is starting.

Action: No action is required.

S6BD2002E

DB2 CAF % ERROR: % % % %

Source: DB2 Gateway

Explanation: The CAF CONNECT call failed with the specified DB2 reason code. A DB2 Call Attach Facility (CAF) call failed. The first variable identifies the type of call (CONNECT, OPEN, CLOSE, or DISCONNECT). The second variable identifies the DB2 reason code for the failure. The third variable indicates the DB2 SSID that the call was issued against. The fourth

displays the DB2 plan name being OPENED or CLOSED. The fifth is the DB2 error message, if available, that describes the reason for the OPEN plan failure.

Action: The reason code is described in the DB2 Messages & Codes manual. Check this manual for the meaning of the error code and take the action dictated. Verify that the CAF call is being issued against the correct DB2 SSID and/or PLAN. If not, make sure the gateway was started with the correct DB2 SSID and/or PLAN.

S6BD2003E

TIBCO(r) Object Service Broker "%" is not available

Source: DB2 Gateway

Explanation: The external gateway for DB2 data has not been connected to the Data Object Broker identified by the indicated APPLID.

Action: Ensure that the TDSAPPL and MODLAPPL parameters are correct. Verify that the Data Object Broker is active before starting the gateway.

S6BD2004I

DB2 Gateway terminated

Source: DB2 Gateway

Explanation: The DB2 Gateway terminated. The serverid and userid are indicated in the message prefix.

Action: No action is required.

S6BD2005E**Startup parameter format error****Source:** DB2 Gateway**Explanation:** The gateway start-up parameters contain a syntax error. The parameter in question was echoed by message S6BD2000I.**Action:** Correct the parameter format.**S6BD2006E****The previous startup parameter is invalid****Source:** DB2 Gateway**Explanation:** The start-up parameter value is invalid. The parameter value appears in the preceding S6BD2000I message.**Action:** Correct the parameter and start the gateway again.**S6BD2007E****Fail safe table definition ; not found****Source:** DB2 Gateway**Explanation:** The table name specified cannot be found.**Action:** Determine the fail safe table name and correct it. The default table name is @DB2FSTRXDB.**S6BD2023E****Required input parameter missing****Source:** DB2 Gateway**Explanation:** A required gateway start-up parameter is missing. The TDSAPPL and SSID parameters are both required.**Action:** Provide the missing parameter and restart the gateway.**S6BD2024E****Error attaching gateway subtask****Source:** DB2 Gateway**Explanation:** An error was encountered during the attachment of a gateway subtask.**Action:** Contact TIBCO Support.**S6BD2026E****Failed to open file: "%"****Source:** DB2 Gateway**Explanation:** The specified file cannot be opened.**Action:** Check the file. If you cannot find a problem with the file, contact TIBCO Support.**S6BD2028E****Gateway subtask initialization failed: "%"****Source:** DB2 Gateway**Explanation:** During gateway subtask startup one of the storage initialization functions failed:

- HDRSB\$SV - Stack storage format failed.
- HDRSBCEV - Initialization of the C environment failed.

Action: Do the following:

1. Verify that the installation procedures were correct.
2. Verify that the JOB/TASK region size is sufficient.
3. Contact TIBCO Support if the first two items are correct.

S6BD2029E**Definition bind area initialization failed****Source:** DB2 Gateway**Explanation:** An error was encountered while initializing the table definition bind area.**Action:** Do the following:

1. Verify installation procedures are correct.
2. Verify that the POOLSIZE startup parameter is specified correctly.
3. Verify that the JOB/TASK region size is sufficient.
4. Contact TIBCO Support if the first two items are correct.

S6BD2030E**TIBCO(r) Object Service Broker "%" version mismatch****Source:** DB2 Gateway**Explanation:** The gateway is attempting to connect to a Data Object Broker that is not at the same release level.**Action:** Verify the TDS start-up parameter. Contact your system administrator to find out what release of the gateway and TIBCO(r) Object Service Broker were installed.**S6BD2031I****Gateway connected to TIBCO(r) Object Service Broker "%"** **Source:** DB2 Gateway**Explanation:** The DB2 Gateway connected with the TIBCO(r) Object Service Broker running under the indicated APPLID.**Action:** No action is required.**S6BD2032E****CLOSE PLAN(%) SSID(%) %****Source:** DB2 Gateway**Explanation:** The gateway closed the DB2 plan from the specified SSID for the indicated reason.**Action:** No action is required.**S6BD2033E****SQL ERROR FOR: % CODE: % VARIABLES: %****Source:** DB2 Gateway**Explanation:** The gateway received an SQL error with the indicated code after issuing the indicated SQL call to DB2.**Action:** Refer to the DB2 messages and codes for further information and take the action indicated for the code that was received based on the variables.**S6BD2034E****SQL WARNING FOR: % CODE: % WARNING: % VARIABLES: %****Source:** DB2 Gateway**Explanation:** The gateway received an SQL warning of the indicated code after issuing the indicated SQL statement to DB2.**Action:** Refer to the DB2 messages and codes and take the action indicated for the code that was received.

S6BD2036E

SQLCODE % %. %

Source: DB2 Gateway

Explanation: A DB2 SQL call returned the indicated sqlcode. The third parameter is the text of the DB2 message.

Action: Refer to the DB2 messages and codes for further information and take the action indicated for the code received.

S6BD2037E

No columns in the DB2 table definition

Source: DB2 Gateway

Explanation: The DB2 table definition contains no columns.

Action: Correct the DB2 table definition from the DB2 environment.

S6BD2038E

Occurrence not found

Source: DB2 Gateway

Explanation: The requested occurrence was not found in the DB2 table.

Action: No action required.

S6BD2039E

Static SQL is not supported after partial access

Source: DB2 Gateway

Explanation: Static SQL was used to satisfy part of the request, but is not supported to perform the remainder of the request.

Action: Do the following:

1. Regenerate the Static SQL, for the gateway for the table being accessed.
2. Reattempt the request.

3. Contact TIBCO Support if necessary.

To default back to Dynamic SQL for the request, use the Object Service Broker Table Definer to save the definition of the table.

S6BD2040E

DB2 row too large

Source: DB2 Gateway

Explanation: The DB2 row instance is too large for the gateway buffer.

Action: Contact TIBCO Support.

S6BD2041E

Unknown DB2 column type

Source: DB2 Gateway

Explanation: The gateway encountered a DB2 column with a COLTYPE that is not known.

Action: Contact TIBCO Support.

S6BD2042E

No columns found for requested table

Source: DB2 Gateway

Explanation: The DB2 table definition corresponding to the Object Service Broker external table has no columns defined.

Action: Correct the DB2 table definition. Contact TIBCO Support if necessary.

S6BD2043E

Selection string error

Source: DB2 Gateway

Explanation: An error was encountered when parsing the selection string.

Action: Contact TIBCO Support.

S6BD2044E**DB2 column not found for: "%"****Source:** DB2 Gateway

Explanation: The DB2 column mapped to one of the Object Service Broker external table fields does not exist in the DB2 table definition. This could be caused when the named DB2 column is also a DB2 reserved word.

Action: Correct the external table or the DB2 table definition.

S6BD2046E**Cursor not found for subsequent Forall****Source:** DB2 Gateway

Explanation: The gateway encountered an error when trying to obtain the next set of records during FORALL processing. The cursor associated with the request in progress could not be found.

Action: Contact TIBCO Support.

S6BD2047E**No available cursors for request****Source:** DB2 Gateway

Explanation: The limit of nested GETs or FORALLs on DB2 tables was exceeded.

Action: Verify that the transaction logic is correct. Contact TIBCO Support if necessary.

S6BD2049E**Missing definition of host variable****Source:** DB2 Gateway

Explanation: When trying to get a column value from the row retrieved, the host variable that is to contain it could not be found.

Action: Do the following:

1. Regenerate the Static SQL, for the gateway for the table being accessed.
2. Reattempt the request.
3. Contact TIBCO Support, if necessary.

To default back to Dynamic SQL for the request, use the Object Service Broker Table Definer to save the definition of the table.

S6BD2051E**CONVERSION ERROR on field %: %****Source:** DB2 Gateway

Explanation: When converting the field or parameter value to the DB2 syntax, an error occurred.

Action: Verify your definitions.

S6BD2052E**Maximum number of tables exceeded****Source:** DB2 Gateway

Explanation: The maximum number of DB2 tables that can be accessed in one transaction was exceeded.

Action: Verify transaction logic. Increase POOLSIZE parameter if necessary.

S6BD2053E**Gateway cannot store table definition for: "%"****Source:** DB2 Gateway

Explanation: Attempt to bind a new table definition failed.

Action: Restart the gateway with a larger POOLSIZE.

S6BD2054E**Unsupported request: "%"****Source:** DB2 Gateway**Explanation:** The request received by the gateway is not supported.**Action:** Contact TIBCO Support.**S6BD2055E****Security information was not received****Source:** DB2 Gateway**Explanation:** The TIBCO(r) Object Service Broker release level does not match the Gateway release level or a severe error occurred.**Action:** Ensure that the gateway was installed at the current release level. If this was done and the problem persists, contact TIBCO Support.**S6BD2056E****Current group value cannot be used as a valid userid****Source:** DB2 Gateway**Explanation:** The gateway is configured to use the Current Group as the DB2 primary authorization ID. The group of the current user cannot be used as a valid DB2 primary authorization ID.**Action:** Make sure the user belongs to a TIBCO(r) Object Service Broker group and the length of the TIBCO(r) Object Service Broker group does not exceed 8 bytes.**S6BD2057E****Blank userid received****Source:** DB2 Gateway**Explanation:** Security requirements are not fulfilled according to documented procedures, or a version mismatch exists between the gateway and the Object Service Broker Execution Environment.**Action:** Correct and retry.**S6BD2058E****Userid "%" is not authorized to execute plan "%", or plan "%" does not exist****Source:** DB2 Gateway**Explanation:** You are not authorized to execute the named plan, or the named plan does not exist.**Action:** Grant execute on the plan name to the userid; and/or define the plan to DB2.**S6BD2059E****Userid "%" matches a DB2 privileged authorization id and is rejected****Source:** DB2 Gateway**Explanation:** The Object Service Broker userid mentioned in the message matches a DB2 primary authorization ID coded in macro HRNSECZ. The IDs in HRNSECZ are privileged DB2 authorization IDs and cannot be used to access DB2 from Object Service Broker. These IDs are defined and coded by the customer.**Action:** Do one of the following;

- Remove the ID form HRNSECZ.
- Use another Object Service Broker userid to access DB2.

S6BD2062E

Userid "" is not authorized to start an DB2 Gateway

Source: DB2 Gateway

Explanation: HRNSECD2 (the DB2 security macro) within DSN3@ATH (DB2 connection authorization exit) could not match the userid used to start the DB2 Gateway with one of the IDs within HRNSECDT.

Action: Verify that:

- The macro HRNSECD2 was correctly installed in DSN3@ATH.
- The DB2 Gateway was installed correctly.
- The userid used to start the DB2 Gateway is defined in table HRNSECDT.
- Contact TIBCO Support, if necessary.

S6BD2063E

DB2 primary authorization id was not set to the TIBCO(r) Object Service Broker userid

Source: DB2 Gateway

Explanation: The DB2 Gateway was started with SECLEVEL=1 but macro HRNSECD2 in DB2 connection authorization exit DSN3@ATH failed to set the DB2 primary authorization ID with the TIBCO(r) Object Service Broker userid.

Action: Verify that:

- The macro HRNSECD2 was correctly installed in DSN3@ATH
- The DB2 Gateway was correctly installed.

S6BD2064I

DEBUG: %

Source: DB2 Gateway

Explanation: An echo of the CAF debug messages. This is displayed if DEBUG is on.

Action: No action required.

S6BD2066E

Missing value for table parameter

Source: DB2 Gateway

Explanation: The table is parameterized and a parameter value is missing.

Action: Contact TIBCO Support.

S6BD2067E

Unsupported operator: ""

Source: DB2 Gateway

Explanation: The operator specified in the selection is not supported.

Action: Contact TIBCO Support.

S6BD2069E

Field in key selection was not found in table

Source: DB2 Gateway

Explanation: The field specified in the selection was not found in the definition of the table.

Action: Contact TIBCO Support.

S6BD2070E**Field in ordered clause was not found in table****Source:** DB2 Gateway**Explanation:** A field in the order statement was not found in the definition of the table.**Action:** Do the following:

1. Verify the definition of the request.
2. Verify the definition of the table.
3. Restart the gateway and user session.
4. Retry the request.
5. Contact TIBCO Support if still failing.

S6BD2071E**DB2 SQL statement too long****Source:** DB2 Gateway**Explanation:** The SQL statement that the gateway is attempting to build is too large for the buffer that the gateway is using.**Action:** Contact TIBCO Support.**S6BD2072E****No DB2 threads available****Source:** DB2 Gateway**Explanation:** The maximum number of concurrent identify level agents has been exceeded. The DB2 Gateway detected a 00F30055 error code.**Action:** User response: Try again later.

System Programmer Response: Ensure that the DB2 system parameters controlling the maximum number of concurrent identifies are correct. These system parameters are Max Users, Max TSO connect and Max Batch connect on installation panel DSNTIPE.

S6BD2073I**The DB2 Gateway is not running authorized****Source:** DB2 Gateway**Explanation:** The DB2 Gateway is being executed from an unauthorized library or one or more of the libraries in the STEPLIB concatenation is unauthorized.**Action:** Ensure that the library the DB2 Gateway executes from, and all the libraries in the STEPLIB concatenation, are authorized.**S6BD2074I****The DB2 Gateway is running authorized****Source:** DB2 Gateway**Explanation:** The gateway is running in authorized mode.**Action:** None.**S6BD2075I****The DB2 Gateway is non-swappable****Source:** DB2 Gateway**Explanation:** The DB2 Gateway address space is non-swappable.**Action:** None.**S6BD2076I****The DB2 Gateway is swappable****Source:** DB2 Gateway**Explanation:** The DB2 Gateway address space is swappable. In a high volume system this can degrade performance.**Action:** None.

S6BD2077I**DB2 Release ; Level ;****Source:** DB2 Gateway**Explanation:** Shows the DB2 Release Level.**Action:** None.**S6BD2078I****DB2 Application Encoding Scheme is ;****Source:** DB2 Gateway**Explanation:** Shows the DB2 Application Encoding Scheme found in DSNHDECP.**Action:** None.**S6BD2079E****Unable to use static sql: table=% module=% %****Source:** DB2 Gateway**Explanation:** The DB2 Gateway has failed to load the static SQL module for the table. There is a short description as to why the module cannot be loaded/used.**Action:** Either disable static SQL for the table or correct the indicated module.**S6BD2099E****Gateway subtask ABNORMALLY
TERMINATED: "%"****Source:** DB2 Gateway**Explanation:** The DB2 Gateway task abended.**Action:** Previous messages may indicate the cause for the abend. Contact TIBCO Support.**S6BD2100I****REQUEST: % % %****Source:** DB2 Gateway**Explanation:** The message is an echo of the Object Service Broker requests. It is displayed if DEBUG is on.**Action:** No action required.**S6BD2401I****% Gateway shutdown requested, reason="%"****Source:** DB2 Gateway**Explanation:** The gateway received a request to shut down from the TIBCO(r) Object Service Broker. The description of the reason codes follows:

- 0000 - TIBCO(r) Object Service Broker is shutting down.
- 0004 - A stopserver all*** was requested. All the gateways of this type will be terminated.
- 0008 - A stopserver gateway userid was requested. Only this gateway will be terminated.
- 0010 - The TIBCO(r) Object Service Broker resource directory is full. Contact TIBCO Support.
- 0014 - The maximum number of gateways has been exceeded. Increase the MAXDBMS parameter in the TIBCO(r) Data Object Broker and restart, or contact TIBCO Support.
- 00018 - The gateway anchor list has overflowed. Contact TIBCO Support.

Action: No further action is required.

EE: Execution Environment

S6BEE001I

Completed Activation of Execution Environment

Source: Execution Environment

Explanation: The Execution Environment has been successfully activated.

Action: No action required.

S6BEE002I

Completed Deactivation of Execution Environment

Source: Execution Environment

Explanation: The Execution Environment has been successfully deactivated.

Action: No action required.

S6BEE008E

Binding area could not be created

Source: Execution Environment

Explanation: Binding area creation failed.

Action: Check the binding area parameters in client defaults.

S6BEE009E

There was insufficient memory to create a binding area

Source: Execution Environment

Explanation: Binding area creation failed due to a shortage of memory.

Action: Try to kill some processes.

S6BEE010E

Could not create shared memory

Source: Execution Environment

Explanation: Shared memory creation failed.

Action: Contact TIBCO Support.

S6BEE011E

Could not release existing binding area, because the shared memory segment is in use

Source: Execution Environment

Explanation: Failed to release existing binding area because it is being used.

Action: Contact TIBCO Support.

S6BEE012E

OS would not permit release existing binding area

Source: Execution Environment

Explanation: Release of existing binding area failed.

Action: Contact TIBCO Support.

S6BEE013E

Could not remove locks for shared binding area

Source: Execution Environment

Explanation: Remove locks failed for shared binding area.

Action: Contact TIBCO Support.

S6BEE014E

Could not create locks for binding area

Source: Execution Environment

Explanation: Create locks failed for binding area.

Action: Contact TIBCO Support.

S6BEE015I

Peer servers started

Source: Execution Environment

Explanation: Peer gateways started.

Action: No action required.

S6BEE016I

... data servers started

Source: Execution Environment

Explanation: The listed data gateways successfully started.

Action: No action required.

S6BEE017E

Data Server ... terminated because ...

Source: Execution Environment

Explanation: The indicated gateway disconnected for the given reason.

Action: See the log file for more details.

S6BEE020I

... server ... started

Source: Execution Environment

Explanation: The Execution Environment started a new peer or rules-based gateway.

Action: This message is generated during Execution Environment initialization, when peers or rules-based gateways are defined for the Execution Environment. No action need be taken.

S6BEE021E

... server ... connection lost, server likely failed

Source: Execution Environment

Explanation: The Execution Environment was notified that a peer or rule-based gateway unexpectedly terminated. The gateway has likely failed.

Action: Review the session message log for the gateway to determine the cause of the failure and take corrective action. The file name for the log is determined by the gateway name displayed in the message. The path of the log file for the gateway is defined by the Execution Environment defaults for the gateway type.

S6BEE022E

... server ... failed because ...

Source: Execution Environment

Explanation: A peer or rules-based gateway has failed during initialization. The message displays the cause of the error.

Action: Review the cause of the error and take corrective action. Possibly more information can be found in the gateway's session log. The name of the log file is determined by the gateway name. The path of the log file is determined by the Execution Environment defaults for the gateway type.

S6BEE023I

... server ... restarted

Source: Execution Environment

Explanation: The Execution Environment has determined that a peer server rules-based gateway has failed and should be restarted.

Action: Review the session log for the gateway/server to determine the cause of the failure. The name of the file is determined by the name of the gateway/server. The path of the log file is defined in the defaults for the Execution Environment for the gateway/server type.

S6BEE024I

... server ... terminated normally

Source: Execution Environment

Explanation: The peer server or rules-based gateway has terminated normally. It was likely stopped through a Data Object Broker command.

Action: No action needs to be taken.

HM: Hawk Microagent

S6BHM001E

Out of memory

Source: Hawk Microagent

Explanation: An internal memory allocation failure occurred related to Hawk.

Action: Either run fewer processes on your system or add memory.

S6BHM002E

AMI ERROR: thread=%, code=%, text=%

Source: Hawk Microagent

Explanation: A Hawk Application Management Interface API call failed.

Action: Investigate and correct the problem, or contact TIBCO Support for assistance.

S6BHM003E

AMI ERROR: thread=%, code=%, text=%, file=%, line=%

Source: Hawk Microagent

Explanation: A Hawk Application Management Interface API call failed and a file stamp has been provided.

Action: Investigate and correct the problem, or contact TIBCO Support for assistance.

S6BHM004L

AMI TRACE: level=%, id=%, text=%

Source: Hawk Microagent

Explanation: Hawk Application Management Interface API tracing has been enabled, resulting in this message.

Action: No action required. Disable tracing if messages of this kind are not desired.

S6BHM005L

Failed to establish Hawk connection to daemon %, further attempts will be made every % milliseconds

Source: Hawk Microagent

Explanation: The internal Hawk microagent failed to connect to the specified daemon. Further connection attempts will be made in case of temporary network problems.

Action: If after an extended time period a connection cannot be established, review the parameters related to Hawk and ensure they are correct. If the parameters are correct then contact your network administrator.

S6BHM006L

Successfully established Hawk connection to daemon %

Source: Hawk Microagent

Explanation: The internal Hawk microagent has successfully connected to the specified daemon.

Action: No action required.

S6BHM007L

Using %

Source: Hawk Microagent

Explanation: This message is used to log version information for the APIs used by the internal Hawk microagent.

Action: No action required.

S6BHM008E

Buffer of length % bytes supplied when % bytes needed for %

Source: Hawk Microagent

Explanation: An internal buffer is not large enough to completely hold message data to be sent to Hawk.

Action: Reduce the length of the message text, or contact TIBCO Support for assistance.

S6BHM009L

DEBUG: thread=%, text=%

Source: Hawk Microagent

Explanation: Logging of debug information for the Hawk microagent infrastructure has been enabled, resulting in this message.

Action: No action required. Disable the logging of debug information if messages of this kind are not desired.

S6BHM010E

Dynamic loader function '% ' failed: %

Source: Hawk Microagent

Explanation: A failure occurred dynamically loading a module or resolving a symbol related to Hawk.

Action: Investigate and correct the problem, or contact TIBCO Support for assistance.

S6BHM011E

System call '% ' failed

Source: Hawk Microagent

Explanation: The specified operating system call failed.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BHM012E

Unexpected error

Source: Hawk Microagent

Explanation: An unexpected error occurred related to Hawk.

Action: Contact TIBCO Support.

S6BHM013E

Win32 call '% ' failed

Source: Hawk Microagent

Explanation: A Win32 API call failed.

Action: Examine the operating system error codes to determine the reason for this failure.

IC: IMS/DB Gateway

S6BIC000I

@IMSTABLES definition error:

Source: IMS/DB Gateway

Explanation: @IMSTABLES is defined incorrectly.

Action: Contact TIBCO Support.

S6BIC001I

@IMSTABLES entry not found for table

Source: IMS/DB Gateway

Explanation: The IMS table was not correctly defined to Object Service Broker.

Action: Check the IMS table definition and contact TIBCO Support.

S6BIC002I

@IMSDBS definition error:

Source: IMS/DB Gateway

Explanation: @IMSDBS is defined incorrectly.

Action: Contact TIBCO Support.

S6BIC003I

@IMSDBS entry not found for database

Source: IMS/DB Gateway

Explanation: The IMS database was not correctly defined to Object Service Broker.

Action: Check the database definition and rerun the extract utility.

S6BIC004I

@IMSFIELDS definition error:

Source: IMS/DB Gateway

Explanation: @IMSFIELDS is not defined correctly.

Action: Contact TIBCO Support.

S6BIC005I

@IMSFIELDS table not found for table

Source: IMS/DB Gateway

Explanation: The IMS table is not defined correctly.

Action: Check the IMS table definition.

S6BIC006I

@IMSSEGS definition error:

Source: IMS/DB Gateway

Explanation: @IMSSEGS is not defined correctly.

Action: Contact TIBCO Support.

S6BIC007I

@IMSSEGS table not found for database

Source: IMS/DB Gateway

Explanation: The IMS table is not defined correctly.

Action: Check the IMS table definition.

S6BIC008I

@IMSSEGS entry not found for segment

Source: IMS/DB Gateway

Explanation: The IMS database is not defined correctly.

Action: Check the database definition, and if necessary, rerun the extract utility.

S6BIC009I

CTABLE for IMS data too large for table

Source: IMS/DB Gateway

Explanation: The IMS table contains too many fields.

Action: Reduce the number of fields in the IMS table definition and contact TIBCO Support.

S6BIC010I

No IMS segments defined for table

Source: IMS/DB Gateway

Explanation: The IMS table is defined incorrectly.

Action: Check the IMS table definition.

S6BIC011I

@IMSCONTROL contains null field name - table

Source: IMS/DB Gateway

Explanation: A value access field for the IMS table is incorrectly defined.

Action: Redefine the value access fields for the table.

S6BIC012I

@IMSDBD definition error:

Source: IMS/DB Gateway

Explanation: @IMSDBD is incorrectly defined.

Action: Contact TIBCO Support.

S6BIC013I

@IMSDBD table not found for database

Source: IMS/DB Gateway

Explanation: The IMS database is incorrectly defined to Object Service Broker.

Action: Check the database definition, and if necessary, rerun the extract utility.

S6BIC014I

@IMSDBD entry not found for IMS field

Source: IMS/DB Gateway

Explanation: The IMS database definition is missing fields used as value access fields in the IMS table.

Action: Verify the IMS database definition, and if necessary, rerun the extract utility.

S6BIC015I

No fields defined for table

Source: IMS/DB Gateway

Explanation: The IMS table does not have any fields defined.

Action: Check the IMS table definition.

S6BIC016I

TDS CTABLE missing ITABLE field

Source: IMS/DB Gateway

Explanation: The IMS table is defined incorrectly.

Action: Check the IMS table definition.

S6BIC017I

CTABLE segment data for IMS data missing at level %

Source: IMS/DB Gateway

Explanation: The IMS table or the associated IMS database is incorrectly defined.

Action: Check the table and database definitions.

S6BIC018I

@IMSFIELDS index page found for table

Source: IMS/DB Gateway

Explanation: A large number of IMS fields are defined for the table, causing a data page split in @IMSFIELDS.

Action: Contact TIBCO Support.

ID: CA IDMS Gateway

S6BID000I

%

Source: CA IDMS Gateway

Explanation: This is an informational message that is displayed in the gateway's job log when the DEBUG option is used in the input control parameters. It echoes request calls to the CA-IDMS Gateway.

Action: No action is required.

S6BID001I

CA-IDMS Gateway initialization

Source: CA IDMS Gateway

Explanation: The external gateway is beginning its startup processing.

Action: No action is required.

S6BID002I

Processing control input

Source: CA IDMS Gateway

Explanation: The external gateway startup process is processing the input control parameters specified in the data set identified by the DDNAME IDMSSRV0.

Action: No action required.

S6BID004I

Opening a model port: %

Source: CA IDMS Gateway

Explanation: The CA-IDMS Gateway is opening a port by using the indicated model identifier to generate a communications port name.

Action: No action is required.

S6BID005E

Open port failed

Source: CA IDMS Gateway

Explanation: The gateway communications port cannot be opened. Other messages accompany this message and provide more specific information.

Action: Verify that the TDS and the MDL parameters are specified correctly in the input control. Take action based on the accompanying messages that contain more specific information.

S6BID006I

Attaching % gateway subtask(s)

Source: CA IDMS Gateway

Explanation: The indicated number of gateway subtasks are being started.

Action: No action required.

S6BID007E**CA-IDMS Gateway subtask failed****Source:** CA IDMS Gateway**Explanation:** The attachment of a gateway subtask failed.**Action:** Possible causes of failure are:

- The region size is too small
- S6BIDSRV is not linked properly

S6BID008E**Start CIB not freed****Source:** CA IDMS Gateway**Explanation:** The console support setup failed.**Action:** Check that the CA-IDMS Gateway is authorized to use console support via the MODIFY command.**S6BID009I****Console support ready****Source:** CA IDMS Gateway**Explanation:** The operator commands for CA-IDMS as specified in the Accessing CA-IDMS Data manual can be entered from the operator console.**Action:** No action required.**S6BID010I****Storage POOLSIZE=%****Source:** CA IDMS Gateway**Explanation:** The external gateway for the CA IDMS database uses GETMAIN to get the internal storage pool size. The size is controlled by the POOLSIZE parameter in the input control parameters. The default is 256KB.**Action:** No action required.**S6BID011I****INITIALIZATION COMPLETE****Source:** CA IDMS Gateway**Explanation:** The Object Service Broker CA-IDMS Gateway completed its initialization processing successfully and is ready for requests.**Action:** No action is required.**S6BID012I****Console command REJECTED; Invalid syntax****Source:** CA IDMS Gateway**Explanation:** The MODIFY command entered from the operator console has invalid syntax.**Action:** Correct the syntax of the command and enter the command again.**S6BID013I****Console command ACCEPTED****Source:** CA IDMS Gateway**Explanation:** The MODIFY command entered from the operator console was accepted and processed accordingly.**Action:** No action required.

S6BID014I

Console command UNKNOWN

Source: CA IDMS Gateway

Explanation: The MODIFY command entered from the operator console is invalid.

Action: For a description of a valid MODIFY command, see the Accessing CA-IDMS Data manual.

S6BID015I

% gateway(s) SHUTDOWN

Source: CA IDMS Gateway

Explanation: The percent sign (%) indicates which gateways were shut down with the MODIFY command from the operator console.

Action: No action required.

S6BID016I

GATEWAY STA USERID

Source: CA IDMS Gateway

Explanation: These are the headings for messages S6BID017I and S6BID018I.

Action: No action required.

S6BID017I

% % %

Source: CA IDMS Gateway

Explanation: The gateway name and status are displayed as requested with the MODIFY command from the operator console.

Action: No action required.

S6BID018I

MAX=% HWM=% ACT=%

Source: CA IDMS Gateway

Explanation: The percent signs (%) are replaced with the maximum number of gateways allowed in the session, the High Water Mark reached so far, and the number of gateways currently active.

Action: No action required.

S6BID019I

**TIBCO(r) Object Service Broker
communication CLOSED**

Source: CA IDMS Gateway

Explanation: The communication port to the Data Object Broker is closed. The shutdown is proceeding normally.

Action: No action required.

S6BID020I

**TIBCO(r) Object Service Broker request
handler DELETED**

Source: CA IDMS Gateway

Explanation: Communication routines were deleted from memory. The shutdown is proceeding normally.

Action: No action required.

S6BID021I

CA-IDMS interface module DELETED

Source: CA IDMS Gateway

Explanation: The module for the interface to the CA-IDMS database was removed from memory. The shutdown is proceeding normally.

Action: No action required.

S6BID022I

FREEING storage

Source: CA IDMS Gateway

Explanation: The storage pool was freed.

Action: No action required.

S6BID023I

CA-IDMS Gateway terminated

Source: CA IDMS Gateway

Explanation: The Gateway shut down successfully.

Action: No action is required.

S6BID026E

Gateway subtask ABNORMALLY TERMINATED> %

Source: CA IDMS Gateway

Explanation: An gateway subtask abnormally terminated with the indicated abend code.

Action: Save all dumps and circumstances that might have caused the abend and contact TIBCO Support.

S6BID027E

% connection to TIBCO(r) Object Service Broker failed

Source: CA IDMS Gateway

Explanation: The physical connection to the Data Object Broker failed.

Action: Correct the communications identifier specified in the TDS parameter and activate the Data Object Broker.

S6BID028E

Unknown execution environment request code=%

Source: CA IDMS Gateway

Explanation: The internal request code sent from the Execution Environment is unknown to the CA-IDMS Gateway.

Action: Check that the versions of the Data Object Broker, Execution Environment, and the CA-IDMS Gateway are compatible.

S6BID029I

CA-IDMS run unit was ACTIVE - ROLLBACK performed

Source: CA IDMS Gateway

Explanation: A shutdown request was received while a transaction was active. A ROLLBACK is performed.

Action: No action required.

S6BID030I

Phy I/Os: % DB calls: % Recs rqst: %

Source: CA IDMS Gateway

Explanation: CA-IDMS statistics displayed at transaction end if DEBUG has been specified in the Object Service Broker CA-IDMS gateway startup parameters. Statistics are retrieved via the CA-IDMS ACCEPT STATISTICS request.

Action: No action is required.

S6BID032I

CA-IDMS Gateway version %

Source: CA IDMS Gateway

Explanation: The current software version of the CA-IDMS Gateway is displayed.

Action: None.

S6BID033E

Maximum number of tables allowed exceeded

Source: CA IDMS Gateway

Explanation: The maximum number of tables you are allowed to access in one transaction is 32. This limit has been exceeded.

Action: Divide the transaction into smaller units.

S6BID034E

CA-IDMS ERROR status % RECORD %

Source: CA IDMS Gateway

Explanation: The indicated CA-IDMS error status for the indicated record was encountered.

Action: Check the CA-IDMS error message manual to determine the CA-IDMS error status code.

S6BID035E

CONVERSION ERROR on field % in record % DBKEY=%, %

Source: CA IDMS Gateway

Explanation: A data conversion error was detected while converting from CA-IDMS to Object Service Broker. The field name of the field in error, the CA-IDMS record name, the DBKey of the CA-IDMS record and the cause of the error are contained in the message.

Action: Use the DBKey to view and possibly correct the field in error via a CA-IDMS product (e.g., DML/O). The DBKey displayed is a 4 byte binary field display in decimal. For example DBKEY=19205121 converted to hexadecimal equals 1250C01 where 1250C is the CA-IDMS page number and 01 is the relative record number. Convert 1250C to decimal and the DBKey for DML/O becomes 75020-001.

S6BID036E

Selection criteria specified invalid

Source: CA IDMS Gateway

Explanation: The CA-IDMS Gateway cannot decipher the selection criteria for the table accessed.

Action: Correct the table selection and retry.

S6BID037E

Key field not a field in table %

Source: CA IDMS Gateway

Explanation: The key field requested for the table access was not located in the table definition.

Action: Check the table @IDMSFIELDS for the indicated field and regenerate the table definition.

S6BID038E**CONVERSION ERROR on field %: %****Source:** CA IDMS Gateway**Explanation:** The indicated error was detected by the data conversion routine converting from Object Service Broker to CA-IDMS.**Action:** Verify that the table definition is correct, check for redefined fields in the table definition, and check that the version of the subschema definition loaded into Object Service Broker is correct.**S6BID039E****CA-IDMS server record I/O buffer full****Source:** CA IDMS Gateway**Explanation:** The I/O area used for CA-IDMS records is full.**Action:** Restructure your transaction into smaller units.**S6BID040E****Unsupported GET or FORALL directive: %****Source:** CA IDMS Gateway**Explanation:** The GET or FORALL directive stored in the table @IDMSACCESS is unknown to the external gateway.**Action:** Use the Table Definer to correct the definition of the Object Service Broker external table for an CA-IDMS database and retry the transaction.**S6BID041E****Data Object Broker communication failure****Source:** CA IDMS Gateway**Explanation:** Internal error. A message sent to the Data Object Broker failed because of a communication error.**Action:** Contact your network services department to determine the cause of the error.**S6BID043E****Internal synchronization error****Source:** CA IDMS Gateway**Explanation:** An Internal logic error has occurred. Possible storage corruption in the Object Service Broker CA-IDMS Gateway. Review number of Object Service Broker tables and CA-IDMS records defined in the transaction.**Action:** Contact TIBCO Support.**S6BID044E****Necessary DBKEY fields not defined in table %****Source:** CA IDMS Gateway**Explanation:** CA-IDMS database keys are internally attached to the external table definition to provide proper replace and delete processing.**Action:** Check the table definition to ensure that the database definitions exist.

S6BID045E

% record not defined in access path of table %

Source: CA IDMS Gateway

Explanation: Internal error. An internal record pointer was corrupted.

Action: Contact TIBCO Support.

S6BID046E

INSERT failed. All elements not represented in table %

Source: CA IDMS Gateway

Explanation: To ensure data integrity, all ELEMENTS for the lowest-level record in the access path must be defined in the table definition to do the insertion.

Action: Verify that the table definition includes all the elements from the lowest-level record (excluding FILLER elements).

S6BID047E

Nested FORALL on a CA-IDMS table not allowed

Source: CA IDMS Gateway

Explanation: Due to CA-IDMS navigational constraints, nested FORALL statements on the same table are not allowed.

Action: Change your Object Service Broker rule to remove the nested FORALLs.

S6BID048E

Selected field not found in table %

Source: CA IDMS Gateway

Explanation: The field specified in the selection was not found in the internal table definition.

Action: Regenerate the table definition and retry.

S6BID049E

Internal selection evaluation error on table %

Source: CA IDMS Gateway

Explanation: The Object Service Broker selection evaluator cannot decipher the selection criteria.

Action: Simplify the selection criteria.

S6BID050E

Error converting FIXED to EXPANDED format for table %

Source: CA IDMS Gateway

Explanation: An error was detected when converting from the CA-IDMS format to the internal Object Service Broker format.

Action: Do one or both of the following: regenerate the table definition and/or reload the subschema definition.

S6BID051I

Connecting % to TDS %

Source: CA IDMS Gateway

Explanation: This is an information message indicating the Data Object Broker where the gateway is attached.

Action: No action is required.

S6BID052I

Maximum CTABLESIZE = %

Source: CA IDMS Gateway

Explanation: This is the maximum length of the internal definition of a CA-IDMS table that can be passed to the gateway. The value is retrieved from the Data Object Broker startup parameter CTABLESIZE.

Action: No action required.

S6BID053E

No record in table % could be deleted

Source: CA IDMS Gateway

Explanation: No record in the table is qualified to be deleted. The last record in an access path that is an "Obtain CALC", "Obtain First in Set", or "Obtain First in Area" (see access path directives) is the record that will be deleted. None of these directives can be found in the access path.

Action: Properly define the table.

S6BID054E

DELETE where key =, Not valid for table %

Source: CA IDMS Gateway

Explanation: More than one record type makes up the table definition. A DELETE where the key equals a value can only be specified for tables that have one record in the access path, and that record must be a CALC record.

Action: Use a qualified GET or optimized FORALL processing to specify the record you want to delete.

S6BID055E

Subschema % not found in dictionary %

Source: CA IDMS Gateway

Explanation: The specified subschema was not found in the specified dictionary.

Action: Specify a valid subschema name.

S6BID056E

No DD statement found for %

Source: CA IDMS Gateway

Explanation: The specified DD name was not found in the JCL.

Action: Specify all the necessary DD statements.

S6BID057E

Open error encountered for %

Source: CA IDMS Gateway

Explanation: The file cannot be opened.

Action: Check that the data set has all the valid attributes (i.e., RECL, BLKSIZE).

S6BID058E

Syntax error in request format

Source: CA IDMS Gateway

Explanation: The SYSIN statement has invalid syntax.

Action: Correct the SYSIN statement and resubmit the job.

S6BID059E

Insufficient storage available to start gateway %

Source: CA IDMS Gateway

Explanation: There is not enough storage available to GETMAIN the required storage areas.

Action: Make sure that the MODE statement in member XLINKIDM in the job control library reads MODE AMODE(31),RMODE(ANY). If RMODE is ANY specify a smaller POOLSIZE (i.e., 250 (the default)) and/or specify a larger region size.

S6BID060E

Storage pool initialization failed for %

Source: CA IDMS Gateway

Explanation: Initialization of the storage pool GETMAINED at gateway startup failed.

Action: Restart the gateway with a smaller POOLSIZE (i.e., 250 (the default)).

S6BID061E

**Security profile STORAGE POOL
INITIALIZATION failed**

Source: CA IDMS Gateway

Explanation: Security profile STORAGE POOL INITIALIZATION failed. Initialization for the storage pool GETMAINED to store security profiles failed.

Action: Increase the region size of the gateway startup job and retry.

S6BID062E

Insufficient space to store users security profile

Source: CA IDMS Gateway

Explanation: Insufficient space to store user's security profile.

Action: More than 1,000 different users have been signed on since the gateway was recycled. The very first time a user accesses a gateway a security control block is stored. Subsequent accesses will use the stored control block instead of recreating it every time. Recycle the gateway to force an initialize of the storage pool.

S6BID063I

CA-ACF2 security INITIALIZATION DONE

Source: CA IDMS Gateway

Explanation: CA-ACF2 security storage pool initialization has been completed.

Action: No action required.

S6BID064I

ACMCB built for user %

Source: CA IDMS Gateway

Explanation: ACMCB built for the specified user.

Action: Message indicating that a security control block has been created for the specified user.

S6BID065E

ACMCB for % could not be built

Source: CA IDMS Gateway

Explanation: ACMCB for this userid could not be built.

Action: The security profile control block could not be constructed. Check the indicated user security access level.

S6BID066E

The CA-IDMS gateway must be
AUTHORIZED to use
EXTERNALSECURITY=ACF2

Source: CA IDMS Gateway

Explanation: The CA-IDMS Gateway must run from an authorized library in order to use CA-ACF2 security (i.e., EXTERNALSECURITY=ACF2).

Action: Make sure the CA-IDMS Gateway is link-edited with SETCODE AC(1) and that the library where the gateway resides is an authorized library.

S6BID067E

PARAMETER ERRORS FOUND... Gateway terminated

Source: CA IDMS Gateway

Explanation: One or more parameters was found to be in error.

Action: Correct the parameters in error and restart the job.

S6BID068E

CA-IDMS Gateway version mismatch

Source: CA IDMS Gateway

Explanation: The version number of the Data Object Broker does not match the version of the CA-IDMS Gateway.

Action: Review the installation procedure to ensure that the proper version of the CA-IDMS Gateway is being executed.

S6BID069E

Parameter instance has changed... Request denied for table %

Source: CA IDMS Gateway

Explanation: The parameter value for a table cannot change between a GET or a FORALL and a REPLACE.

Action: Correct the offending rule.

S6BID071I

Sort Key value exceeds work area size for table %

Source: CA IDMS Gateway

Explanation: The sort key selection provided in the access statement was too large to fit in the gateway's work area.

Action: Decrease the size of the selection specified. Contact TIBCO Support.

S6BID072E

Load of the Fail Safe table % failed

Source: CA IDMS Gateway

Explanation: The Fail Safe table named @IDMFSTRXDB, or the table specified in the FSTABLENAME parameter, could not be loaded.

Action: Consult the Object Service Broker CA-IDMS Installation, Operations, and Usage manual for an explanation of defining the Fail Safe database to Object Service Broker.

S6BID073E

Cannot CONNECT % to % set

Source: CA IDMS Gateway

Explanation: The IDMS connect function could not be done for the indicated record and set.

Action: Verify that the IDMS set option is manual.

S6BID074E

%

Source: CA IDMS Gateway

Explanation: Message received from the Fail Safe CTABLE setup routine.

Action: Review the message content for a further explanation of the error. Review the Fail Safe processing section of the Object Service Broker CA-IDMS manual.

S6BID075E

Two different views of record % detected

Source: CA IDMS Gateway

Explanation: The IDMS Gateway tried to bind a record that had already been bound but found it to have a different record length. The probable cause is that the subsequent table definition uses a different subschema than the first of those that have a record view defined.

Action: Correct the offending table definition to use the correct subschema.

S6BID076E

Insufficient storage available to store the CTABLE for %

Source: CA IDMS Gateway

Explanation: There was insufficient storage available to store the internal representation of the table being accessed (CTABLE).

Action: Increase the POOLSIZE parameter and restart the gateway.

S6BID080E

% DD statement not found

Source: CA IDMS Gateway

Explanation: Future use

Action: No action required

S6BID081E

Schema % Version % not found

Source: CA IDMS Gateway

Explanation: The CA-IDMS schema version for the specified subschema could not be found.

Action: Verify the CA-IDMS data dictionary definition for the given subschema. Check that the dictionary or dbname specified is correct.

S6BID082I

The CA-IDMS Gateway is not running authorized

Source: CA IDMS Gateway

Explanation: The IDMS Gateway is being executed from an unauthorized library or one or more of the libraries in the STEPLIB concatenation is unauthorized.

Action: Ensure that the library the IDMS Gateway executes from, and all the libraries in the STEPLIB concatenation, are authorized.

S6BID083I

The CA-IDMS Gateway is running authorized

Source: CA IDMS Gateway

Explanation: The Gateway is running in authorized mode.

Action: None.

S6BID084I

The CA-IDMS Gateway is non-swappable

Source: CA IDMS Gateway

Explanation: The IDMS Gateway address space is non-swappable.

Action: None.

S6BID085I

The CA-IDMS Gateway is swappable

Source: CA IDMS Gateway

Explanation: The IDMS Gateway address space is swappable. In a high volume system this can degrade performance.

Action: None.

S6BID086I

Mixed Subschema detected: RU using %, Table % defined with %

Source: CA IDMS Gateway

Explanation: A transaction has attempted to access two or more IDMS tables defined with different subschemas. A transaction is only allowed to access one subschema and that is the first subschema referenced. Accessing subsequent tables could cause data to be mapped incorrectly.

Action: Review the application to ensure that the tables can be accessed with the subschema first referenced. Depending on the processing requirements you may wish to code the IDMS gateway parameter MIXEDSSCDETECTION to define the action that should be taken for this condition which include:

- I -ignore condition
- W -issue warning message and continue
- E -issue message and abort transaction

S6BID401I

% Gateway shutdown requested, reason="%"

Source: CA IDMS Gateway

Explanation: The gateway received a request to shut down from the TIBCO(r) Object Service Broker The description of the reason codes follows:

- 0000 - TIBCO(r) Object Service Broker is shutting down.
- 0004 - A stopserver all*** was requested. All the gateways of this type will be terminated.
- 0008 - A stopserver gateway userid was requested. Only this gateway will be terminated.

- 0010 - The TIBCO(r) Object Service Broker resource directory is full. Contact TIBCO Support.
- 0014 - The maximum number of gateways has been exceeded. Increase the MAXDBMS parameter in the TIBCO(r) Data Object Broker and restart, or contact TIBCO Support.
- 00018 - The gateway anchor list has overflowed. Contact TIBCO Support.

Action: No further action is required.

IM: IMS/DB Gateway

S6BIM100E

TIBCO(r) Object Service Broker (%) is not available

Source: IMS/DB Gateway

Explanation: The gateway failed to connect to the specified Data Object Broker.

Action: Ensure that the Data Object Broker is up. Ensure that the correct value is specified on the TDS startup parameter.

S6BIM101E

Invalid or missing DD card: "%"

Source: IMS/DB Gateway

Explanation: The specified DD card could not be found in the jobstep.

Action: Ensure the startup JCL contains the specified DD card.

S6BIM102E

Failed to open file: "%"

Source: IMS/DB Gateway

Explanation: An error occurred during the attempt to open the data set associated with the specified DD card.

Action: Ensure the required data set is valid.

S6BIM106E

Security parameters required with SECLEVEL=1

Source: IMS/DB Gateway

S6BIM103E

Startup parameter format error: "%"

Source: IMS/DB Gateway

Explanation: An error occurred during the attempt to open the data set associated with the specified DD card.

Action: Ensure the required data set is valid.

S6BIM104E

Invalid value for startup parameter: "%"

Source: IMS/DB Gateway

Explanation: The specified startup parameter was not supplied the correct value.

Action: Ensure the startup parameter has an allowed value.

S6BIM105E

Required startup parameter "%" was not supplied

Source: IMS/DB Gateway

Explanation: One of the required startup parameters was not supplied.

Action: Ensure all the required startup parameters are supplied.

Explanation: If SECLEVEL=1, the IMS gateway requires more startup parameters in order to correctly define the security requirements.

Action: Specify one of the Resource/Class and/or DBDclass or Segclass.

S6BIM107E

Both CLASS and RESOURCE must be specified

Source: IMS/DB Gateway

Explanation: If SECLEVEL=1, the Resource must be coded if the Class is coded and vice versa.

Action: Ensure both Class and Resource have been coded.

S6BIM108E

Supply only one of DBDCLASS or SEGCLASS

Source: IMS/DB Gateway

Explanation: If SECLEVEL=1, DBDclass and Segclass are mutually exclusive.

Action: Code only one of the DBDclass or Segclass, not both.

S6BIM109E

Both SEGCLASS and PSBNAME must be supplied

Source: IMS/DB Gateway

Explanation: If SECLEVEL=1, the PSBNAME is also required if the Segclass is coded.

Action: Code the PSBNAME.

S6BIM110E

Number of records in IMSSEC00 exceeds the maximum allowed

Source: IMS/DB Gateway

Explanation: Maximum is 1000.

Action: Enter a number that is equal to or below the maximum.

S6BIM111E

Failed to load PSB: "%"

Source: IMS/DB Gateway

Explanation: An attempt to load the specified PSBNAME as specified on the startup parameter failed.

Action: Ensure the specified PSBNAME is in //IMS DD DSN=IMS.PSBLIB.

S6BIM112I

Gateway "%" terminated

Source: IMS/DB Gateway

Explanation: The specified gateway is terminating.

Action: No action is required; part of shutdown processing.

S6BIM113I

% % % %

Source: IMS/DB Gateway

Explanation: Echo gateway startup parameters.

Action: Ensure the startup parameters are correct.

S6BIM117E

Requested gateway type cannot be ""

Source: IMS/DB Gateway

Explanation: The Execution Environment External Data Server initializer/terminator does not recognize the gateway type. This may occur due to a version mismatch between the external data gateway and the Execution Environment.

Action: Ensure that the external data gateway and the TIBCO(r) Object Service Broker were properly installed. If the problem persists, contact TIBCO Support.

S6BIM119E

Fail Safe level 1 requires a valid TRXDB startup parameter

Source: IMS/DB Gateway

Explanation: TRXDB gateway startup parameter required with Fail Safe level 1.

Action: Specify a valid TRXDB value.

S6BIM130E

Storage area initialization failed

Source: IMS/DB Gateway

Explanation: There may be a version mismatch between the different IMS Gateway modules.

Action: Contact your system administrator.

S6BIM131E

No database PCBs found in PSB: ""

Source: IMS/DB Gateway

Explanation: The PSB used to start up the gateway did not contain any database PCBs.

Action: At least one DB PCB is required for a gateway PSB.

S6BIM132E

Definition bind area initialization failed

Source: IMS/DB Gateway

Explanation: There may be a version mismatch between the different IMS Gateway modules.

Action: Contact your system administrator.

S6BIM134E

Failed to locate entry point for HDB2SRVR

Source: IMS/DB Gateway

Explanation: For the IM2 Gateway, this indicates that correct installation procedures were not followed, since the DB2 Gateway code was not linked in with the IMS Gateway code.

Action: Ensure the IMS Gateway installation was done correctly.

S6BIM135E

Failed to initialize the DB2 portion of the IMS gateway

Source: IMS/DB Gateway

Explanation: There may be a version mismatch between the DB2 Gateway module and the IMS Gateway module.

Action: Contact your system administrator.

S6BIM136E

DB2 Gateway storage initialization failed

Source: IMS/DB Gateway

Explanation: Module mismatch for the IM2 gateway.

Action: Contact your system administrator.

S6BIM137E

IMS PSB is not sensitive to Fail Safe IMS DBD:
 "%"

Source: IMS/DB Gateway

Explanation: No PCB for the specified DBD could be found during FSLEVEL=1 gateway startup processing.

Action: If FSLEVEL=1 then PSB must contain PCB for the Fail Safe database.

S6BIM138E

OP02-"%" TIBCO(r) Object Service Broker version mismatch

Source: IMS/DB Gateway

Explanation: A mismatch of versions was encountered.

Action: Contact your System Administrator.

S6BIM139I

The IMS Gateway is ready

Source: IMS/DB Gateway

Explanation: The IMS Gateway is ready to process requests.

Action: No action required.

S6BIM140I

Gateway session initialization started

Source: IMS/DB Gateway

Explanation: Initialization has started.

Action: No action required.

S6BIM141I

IMS Gateway terminated

Source: IMS/DB Gateway

Explanation: The IMS Gateway has terminated.

Action: No action required.

S6BIM144E

No I/O PCB found in PSB: "%"

Source: IMS/DB Gateway

Explanation: The PSB used to start up the gateway did not contain an I/O PCB.

Action: Check whether CMPAT=YES is specified in PSBGEN statement for the gateway PSB. This is required because the gateway expects the first PCB to be an I/O PCB.

S6BIM150I

% % %

Source: IMS/DB Gateway

Explanation: Echo Object Service Broker request in the following format: gateway userid, tranid, type of request, and table name.

Action: No action required.

S6BIM151E

Table definition required for: "%"

Source: IMS/DB Gateway

Explanation: IMS table definition not found in Object Service Broker.

Action: Check table name, supply definition if required.

S6BIM152E**Gateway cannot store table definition for: "%"****Source:** IMS/DB Gateway**Explanation:** POOLSIZE startup parameter is too small to hold the requested number of table definitions in this transaction.**Action:** To rerun the transaction, the gateway must be shut down and restarted with a larger POOLSIZE value.**S6BIM153E****Unsupported request: "%"****Source:** IMS/DB Gateway**Explanation:** The request issued to Object Service Broker is not supported.**Action:** If not version mismatch, contact TIBCO Support.**S6BIM154E****Security information was not received****Source:** IMS/DB Gateway**Explanation:** Requires third-level support if not version mismatch.**Action:** Contact your system administrator.**S6BIM155E****Blank userid received****Source:** IMS/DB Gateway**Explanation:** Version mismatch.**Action:** Contact your System Administrator.**S6BIM157E****Identification failed for: "%"****Source:** IMS/DB Gateway**Explanation:** SECLEVEL=1 and the Object Service Broker session ID is not a valid userid as far as SAF is concerned (SECURITYFAIL).**Action:** Ensure the Object Service Broker session ID is defined externally (RACF, TSS, CA-ACF2).**S6BIM158E****Access Denied: UID(%) RESOURCE(%) CLASS(%)****Source:** IMS/DB Gateway**Explanation:** The Object Service Broker session ID is not allowed access to the resource and class (SECURITYFAIL).**Action:** Ensure the session ID is correct.**S6BIM159E****Gateway received an invalid cursor****Source:** IMS/DB Gateway**Explanation:** Version mismatch.**Action:** Contact your System Administrator.

S6BIM160E**Current Group value cannot be used as a userid****Source:** IMS/DB Gateway

Explanation: Server startup parameter EXTERNALUSERID=GROUP was specified. In order for the gateway to use the current group ID, the group ID must not exceed 8 bytes in length.

Action: Make sure the current group value does not exceed 8 bytes if accessing the IMS gateway with SECLEVEL=1 and EXTERNALUSERID=GROUP.

S6BIM161E**Identification failed for "%", no decision could be made****Source:** IMS/DB Gateway

Explanation: The gateway could not verify the Object Service Broker userid. The verification failed because SAF returned a SAF return code of 4 indicating that the userid is not defined to (RACF/ACF2/TSS/...) or that SAF could not pass the request on to (RACF/ACF2/TSS/...). SECURITYFAIL will be returned to the Object Service Broker user session that initiated the request. Userid verification is done through the RACROUTE REQUEST=VERIFY call to SAF. % = userid | group.

Action: Make sure the gateway is using the correct userid group and the userid is defined to the external security product (ACF2/TSS/RACF). Make sure the SAF router for the external security product is installed, including the correct SAFmaps and SAFprot record entries.

S6BIM162E**No security decision: "%" "%"****Source:** IMS/DB Gateway

Explanation: The gateway could not verify the Object Service Broker userid access to a resource. The verification failed because SAF returned a SAF return code of 4 indicating that the specified RESOURCE/CLASS is not defined to (RACF/ACF2/TSS/...) or that SAF could not pass the request on to (RACF/ACF2/TSS/...). SECURITYFAIL will be returned to the Object Service Broker user session that initiated the request. Resource verification is done through the RACROUTE REQUEST=AUTH call to SAF.

Action: Make sure the gateway is using the correct userid group and the userid is defined to the external security product (ACF2/TSS/RACF). Make sure the SAF router for the external security product is installed including the correct SAFmaps and SAFprot record entries.

S6BIM163E**IMS PSBNAME "%" supplied is not valid****Source:** IMS/DB Gateway

Explanation: The PSBNAME in the table definition is not valid.

Action: Modify the table definition and resubmit the request.

S6BIM167E

Scheduled "%" and requested "%" IMS PSBs do not match

Source: IMS/DB Gateway

Explanation: The gateway was started with THREADUSAGE=TABLE and a transaction accessed two tables with different PSBs.

Action: THREADUSAGE=TABLE says that all TABLES accessed in one transaction must have the same PSB in their definition or have the PSB not specified.

S6BIM168E

DB2 PLAN "%" supplied is not valid

Source: IMS/DB Gateway

Explanation: The plan in the table definition is not valid.

Action: Modify the table definition and resubmit the request.

S6BIM169E

Scheduled "%" and requested "%" DB2 PLANs do not match

Source: IMS/DB Gateway

Explanation: The gateway was started with THREADUSAGE=TABLE and a transaction accessed two tables with different PSBs.

Action: THREADUSAGE=TABLE says that all tables accessed in one transaction must have the same PSB in their definition or have the PSB not specified.

S6BIM170I

DEBUG: % **CURSOR:** % - % - % %

Source: IMS/DB Gateway

Explanation: Debug messages during optimize update processing.

Action: No action required.

S6BIM173E

No IMS Database PCB available for: "%"

Source: IMS/DB Gateway

Explanation: Attempting to access an IMS database for which no PCB was supplied in the gateway startup PSB.

Action: Stop the gateway, add the PCB to the PSB, and restart the gateway with the modified PSB.

S6BIM174E

UPDATE request sent to a read-only IMS gateway

Source: IMS/DB Gateway

Explanation: Mode=RO gateway received an update request from the TIBCO(r) Object Service Broker.

Action: Do not attempt to update IMS data using a read-only IMS Gateway.

S6BIM175E**Overlapping IMS fields in table definition****Source:** IMS/DB Gateway**Explanation:** An attempt was made to insert/replace a segment that had two or more fields mapping parts of the segment two or more times.**Action:** Correct the definition so that the segment being replaced/inserted does not have overlapping fields.**S6BIM176E****Incomplete IMS segments in table definition****Source:** IMS/DB Gateway**Explanation:** An attempt was made to insert a segment that was not correctly mapped by an Object Service Broker IMS table, or a replace was attempted using optimize update where the segment was not correctly defined.**Action:** Correct the definition so that the segment being replaced/inserted is correctly defined. You must ensure that fields do not overlap or updates will be disallowed. The total length of the mapping fields must equal the DBD segment size if dealing with fixed segment sizes.**S6BIM177E****Insert and secondary index access****Source:** IMS/DB Gateway**Explanation:** An attempt was made to insert using secondary index access. This is not allowed in IMS.**Action:** Change your access to a valid mode.**S6BIM178E****Cursor sequence error****Source:** IMS/DB Gateway**Explanation:** Version mismatch.**Action:** Contact your System Administrator.**S6BIM179E****Optimize Update - message format****Source:** IMS/DB Gateway**Explanation:** Version mismatch.**Action:** Contact your System Administrator.**S6BIM180E****Optimize Update - ordering not allowed****Source:** IMS/DB Gateway**Explanation:** Data access call had order on selection when using optimize update.**Action:** Order processing is not supported with optimize update access.**S6BIM181E****Optimize Update - no record held****Source:** IMS/DB Gateway**Explanation:** REPLACE/DELETE was issued without prior GET using optimize update.**Action:** Prior to a REPLACE/DELETE you must issue a GET/FORALL, if you are using optimize update.

S6BIM182E

IMS Database PCB "%" is not sensitive to segment "%"

Source: IMS/DB Gateway

Explanation: For SECLEVEL=1, the PSB specified for the startup PSBNAME is not sensitive to the specified segment.

Action: Ensure the gateway PSB and startup PSBNAME are the same. If they are, make sure the PSB is sensitive to the desired segment.

S6BIM183E

Non-unique segments can only be updated using optimize update

Source: IMS/DB Gateway

Explanation: Cannot replace/delete non-unique segments, if the table is not defined with optimize update on.

Action: Set optimize update=Y in the table definition in order to replace/delete non-unique segments.

S6BIM190E

Security profile storage pool initialization failed

Source: IMS/DB Gateway

Explanation: Version mismatch.

Action: Contact your System Administrator.

S6BIM191E

Insufficient space to store user security profile

Source: IMS/DB Gateway

Explanation: Version mismatch.

Action: Contact your System Administrator.

S6BIM192E

Gateway PSB and security PSB (PSBNAME=) do not match

Source: IMS/DB Gateway

Explanation: The PSB used to start up the gateway must be equal to the value specified on the gateway startup parameter PSBNAME.

Action: Change the PSBNAME parameter and restart the gateway.

S6BIM193I

Security initialization: "%"

Source: IMS/DB Gateway

Explanation: Gateway security initialization is starting.

Action: No action required.

S6BIM194I

Building security profile for: "%"

Source: IMS/DB Gateway

Explanation: Security processing for userid.

Action: No action is required.

S6BIM195I

Identification and verification for: "%"

Source: IMS/DB Gateway

Explanation: Security verification for userid.

Action: No action required.

S6BIM196I

Check Access: % % % %

Source: IMS/DB Gateway

Explanation: Security access check for userid, resource, class and type.

Action: No action required.

S6BIM197I

Check Access: UID(%) RESOURCE(%)
CLASS(%) TYPE(%)

Source: IMS/DB Gateway

Explanation: Security access check for userid, resource, class and type.

Action: No action required.

S6BIM210I

DL/I (%) CALL; STATUS CODE (%)

Source: IMS/DB Gateway

Explanation: The call to access DL/I data did not complete successfully.

Action: Take the following actions:

- If the STATUS CODE is not blank, then look up the STATUS CODE in the IMS messages and codes/application developers guide and take appropriate action.

S6BIM211I

DL/I (%) CALL; STATUS CODE (%); DBNAME (%)

Source: IMS/DB Gateway

Explanation: The call to access DL/I data did not complete successfully.

Action: Take the following actions:

- If the STATUS CODE is not blank, then look up the STATUS CODE in the IMS messages and codes/application developers guide and take appropriate action.

S6BIM212E

Gateway I/O area overflow on DL/I call "" using DBD ""

Source: IMS/DB Gateway

Explanation: The returned amount of data from the indicated DL/I call for the indicated IMS database exceeds the gateway's I/O area.

Action: The gateway's I/O area is 32 KB. If the returned amount of data should not have exceeded this size then a version mismatch may have occurred.

S6BIM213E

Gateway installation exit error

Source: IMS/DB Gateway

Explanation: IMSUSRXT coded by customer failed a request.

Action: No action required.

S6BIM214E

Insert loop failed

Source: IMS/DB Gateway

Explanation: Attempt to insert multiple segments has failed.

Action: A DL/I trace is required.

S6BIM215E

REPL/ISRT/DLET loop failed. Maximum SSA count reached

Source: IMS/DB Gateway

Explanation: Version mismatch.

Action: Contact your System Administrator.

S6BIM217E

Failed to identify S6BDRSSR as "" reason: ""

Source: IMS/DB Gateway

Explanation: The IM2 gateway running under the Execution Environment using the BMP interface requires that the program name be used as the PLAN name when connecting to DB2. Since the gateway's program name will always be S6BDRSSR, then prior to invoking DFSRRC00, program S6BDRSSR is identified to z/OS as the requested DB2 PLAN name. On this occasion the identification failed.

Action: The REASON is the return code from the IDENTIFY macro instruction.

S6BIM220E

Conversion error: IMS to internal, field: ""

Source: IMS/DB Gateway

Explanation: Converting IMS data to Object Service Broker data has failed for the indicated Object Service Broker field name. Convert2 message will follow.

Action: Make sure the IMS database contains data that matches the external syntax as defined for the Object Service Broker IMS table.

S6BIM221I

DL/I (%) CALL; STATUS CODE (%); DBNAME (%) PSB (%) RC(%) USING (%) SEGMENT(;;);

Source: IMS/DB Gateway

Explanation: The call to access DL/I data did not complete successfully.

Action: Do the following:

- If the STATUS CODE is not blank, look up the STATUS CODE in the IMS messages and codes/application developers guide and take appropriate action.
- If the STATUS CODE is blank, then the RC value may contain more information:
 - RC(TIMEOUT) - The call failed to complete within the DLITIMEOUT= value specified at gateway startup. The gateway task has terminated and any updates to DL/I should have been rolled back depending on the interface to DL/I being used USING(DLI/DBB/BMP/CICS).
 - RC(Q-LIMIT) - The number of DL/I GU/GN/ calls since the last CHKP/ROLB exceeds the DLIQUERYLIMIT value specified at startup.
 - RC(U-LIMIT) - The number of DL/I GHU/GHN/ISRT calls since the last CHKP/ROLB exceeds the DLIUPDATELIMIT value specified at startup.
 - If USING(CICS), the last four (4) hex digits of the RC contain the CICS-DL/I User Interface Block (UIB) Return Codes.

S6BIM222I

**DL/I (%) CALL; STATUS CODE (%); PSB (%)
RC(%) USING (%)**

Source: IMS/DB Gateway

Explanation: The call to access DL/I data did not complete successfully.

Action: Do the following:

- If the STATUS CODE is not blank, look up the STATUS CODE in the IMS messages and codes/application developers guide and take appropriate action:
- If the STATUS CODE is blank, then the RC value may contain more information.
 - RC(TIMEOUT) - The call failed to complete within the DLITIMEOUT= value specified at gateway startup. The gateway task has terminated and any updates to DL/I should have been rolled back depending on the interface to DL/I being used USING(DLI/DBB/BMP/CICS).
 - If USING(CICS), the last four (4) hex digits of the RC contain the CICS-DL/I User Interface Block (UIB) Return Codes.

S6BIM223I

**DL/I (;) CALL;; STATUS CODE (;); DBNAME
(;) PSB (;) RC(;) USING (;)**

Source: IMS/DB Gateway

Explanation: The call to access DL/I data did not complete successfully.

Action: Do the following:

- If the STATUS CODE is not blank, then look up the STATUS CODE in the IMS messages and codes/application developers guide and take appropriate action.

- If the STATUS CODE is blank, then the RC value may contain more information.
 - RC(TIMEOUT) - The call failed to complete within the DLITIMEOUT= value specified at gateway startup. The gateway task has terminated and any updates to DL/I should have been rolled back depending on the interface to DL/I being used USING(DLI/DBB/BMP/CICS).
 - RC(Q-LIMIT) - The number of DL/I GU/GN/ calls since the last CHKP/ROLB exceeds the DLIQUERYLIMIT value specified at startup.
 - RC(U-LIMIT) - The number of DL/I GHU/GHN/ISRT calls since the last CHKP/ROLB exceeds the DLIUPDATELIMIT value specified at startup.
 - If USING(CICS), the last four (4) hex digits of the RC contain the CICS-DL/I User Interface Block (UIB) Return Codes.

S6BIM250E

Gateway DL/I call limit exceeded: DL/I unit of work has been rolled back

Source: IMS/DB Gateway

Explanation: One of DLIQUERYLIMIT or DLIUPDATELIMIT was exceeded in a previous call. The gateway notified the caller of this but the caller did not request a CHKP or ROLB which are the only two allowed actions after a call limit has been exceeded. The gateway rolled back the current DL/I unit of work.

Action: Change the application so that on a Q-LIMIT or U-LIMIT from IMS Gateway does a commit/rollback.

S6BIM261E

Error building IMS segments: value was not received for data parameter: "%"

Source: IMS/DB Gateway

Explanation: Error occurred in IMSREC processing.

Action: Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.

S6BIM262E

Error building IMS segments: table definition does not contain segment: "%"

Source: IMS/DB Gateway

Explanation: Error occurred in IMSREC processing.

Action: Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.

S6BIM263E

Error building IMS segments: table definition contains invalid segment entries

Source: IMS/DB Gateway

Explanation: Error occurred in IMSREC processing.

Action: Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.

S6BIM264E

Error building IMS segments: maximum field size exceeded for: "%"

Source: IMS/DB Gateway

Explanation: Error occurred in IMSREC processing.

Action: Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.

S6BIM265E

Error building IMS segments: SSA segment pointers do not match table definition

Source: IMS/DB Gateway

Explanation: Error occurred in IMSREC processing.

Action: Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.

S6BIM266E

Error building IMS segments: conversion, internal to IMS, field: "%"

Source: IMS/DB Gateway

Explanation: Error occurred in IMSREC processing.

Action: Ensure the table definitions match the IMS databases definition. If the definitions match, contact TIBCO Support.

S6BIM271E**Error building SSA: no key provided for Delete****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.**S6BIM272E****Error building SSA: no row received****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.**S6BIM273E****Error building SSA: select error****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure that table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.**S6BIM274E****Error building SSA: maximum field size exceeded****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.**S6BIM275E****Error building SSA: invalid M1 request****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.**S6BIM276E****Error building SSA: SSA overflow****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.**S6BIM277E****Error building SSA: conversion, internal to IMS, field: "%"****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.**S6BIM278E****Error building SSA: unsupported request****Source:** IMS/DB Gateway**Explanation:** Error occurred in IMSSSA processing.**Action:** Ensure the table definitions match the IMS database definition. If the definitions match, contact TIBCO Support.

S6BIM280E**IMSROW - table search error****Source:** IMS/DB Gateway**Explanation:** Version mismatch**Action:** Contact your System Administrator**S6BIM281E****Row selection error****Source:** IMS/DB Gateway**Explanation:** Bad return code from selecnam.
Possible definition error.**Action:** Ensure selection criteria matches definition. If it does not match, contact your System Administrator.**S6BIM282E****%****Source:** IMS/DB Gateway**Explanation:** A message returned from the Data Object Broker at startup indicating the specific failure when trying to retrieve the Fail Safe table definition.**Action:** As of release 3.0 PUT05 the @IMSFSTRXDB Fail Safe table definition is required to be defined in each Data Object Broker that is using FSLEVEL=1.**S6BIM283E****Load of the Fail Safe table % failed****Source:** IMS/DB Gateway**Explanation:** The Fail Safe table named in the message could not be found.**Action:** The @IMSFSTRXDB Fail Safe table definition is required to be defined in each Data Object Broker that is using FSLEVEL=1.**S6BIM301E****DFSPZP; module not found****Source:** IMS/DB Gateway**Explanation:** The IMS DRA start up parameter table could not be found in the IMS gateway steplib.**Action:** Check that a valid DRASUFFIX has been specified in the IMS gateway start up parameters.**S6BIM302E****PAPLRETC # returned from the DRA interface****Source:** IMS/DB Gateway**Explanation:** A non zero return code was returned from IMS DRA.**Action:** See the current IMS Messages and Codes IBM manual for a possible explanation of the return code value.**S6BIM303I****IMS/DRA Initialization complete****Source:** IMS/DB Gateway**Explanation:** The IMS DRA interface has been successfully initialized.**Action:** No action required.**S6BIM304I****IMS/DRA Interface terminated****Source:** IMS/DB Gateway**Explanation:** The IMS DRA interface has been successfully terminated.**Action:** No action required.

S6BIM305I

IMS/DRA Control exit entered. PAPLFUNC=#, PAPLSFNC=#

Source: IMS/DB Gateway

Explanation: The IMS DRA control exit has been entered for the reason specified by PAPLFUNC and PAPLSFNC.

Action: For an explanation of the PAPLFUNC and PAPLSFNC, see the current IMS Customization Guide.

S6BIM306I

DBCTL % identified to DRA

Source: IMS/DB Gateway

Explanation: This message shows the IMS DBCTL name to which the IMS gateway is attached.

Action: No action is required.

S6BIM307E

IMS System abend code # detected

Source: IMS/DB Gateway

Explanation: An abnormal IMS system abend has been detected.

Action: See the current IMS Messages and Codes IBM manual for an explanation of the System abend codes.

S6BIM308E

IMS User abend code # detected

Source: IMS/DB Gateway

Explanation: An IMS DRA user abend code has been detected.

Action: See the current IMS Messages and Codes IBM manual for an explanation of IMS User abend codes.

S6BIM309I

Proceeding with DRA termination

Source: IMS/DB Gateway

Explanation: A message indicating that the IMS Server termination is proceeding.

Action: No action required.

S6BIM310E

PAPLFUNC=# code not handled

Source: IMS/DB Gateway

Explanation: The function code indicated is not valid.

Action: Possible IMS DRA versus IMS Gateway version mismatch.

S6BIM311E

IMS/DRA failure: % Reason: %

Source: IMS/DB Gateway

Explanation: A severe IMS DRA failure has occurred.

Action: See the current IMS Messages and Codes IBM manual for an explanation of possible failure.

S6BIM312I

Starting IMS/DRA Initialization

Source: IMS/DB Gateway

Explanation: Information message indicating that the IMS/DRA interface initialization has started.

Action: No action required.

S6BIM313E**DRA Startup/Router routine (DFSPRRC0) not found****Source:** IMS/DB Gateway**Explanation:** DFSPRRC0 could not be found in the STEPLIB**Action:** Make sure DFSPRRC0 is in one of the data sets in the STEPLIB concatenation. Either copy it from the IMS.RESLIB library or include IMS.RESLIB in the STEPLIB concatenation**S6BIM401I****% Gateway shutdown requested, reason="%"****Source:** IMS/DB Gateway**Explanation:** The gateway received a request to shut down from the TIBCO(r) Object Service Broker. The description of the reason codes follows:

- 0000 - TIBCO(r) Object Service Broker is shutting down.
- 0004 - A stopserver all*** was requested. All the gateways of this type will be terminated.
- 0008 - A stopserver gateway userid was requested. Only this gateway will be terminated.
- 0010 - The TIBCO(r) Object Service Broker resource directory is full. Contact TIBCO Support.
- 0014 - The maximum number of gateways has been exceeded. Increase the MAXDBMS parameter in the TIBCO(r) Data Object Broker and restart, or contact TIBCO Support.
- 00018 - The gateway anchor list has overflowed. Contact TIBCO Support.

Action: No further action is required.

JX: Journal Extract

S6BJX001I

COUNT = _____

Source: Journal Extract

Explanation: Upon completion of the Journal extract, the count message is displayed to indicate the number of Journal records processed.

Action: No action is required.

S6BJX002E

VSAM ERROR RC=__ FB=__ RBA=

Source: Journal Extract

Explanation: When attempting to read the Journal, VSAM detected an error as indicated by the return code and the feedback information provided in the message. The error itself occurred when processing the record at the RBA specified in the message.

Action: Refer to the VSAM message manual for error identification.

S6BJX003E

JOURNAL NOT PREFORMATTED

Source: Journal Extract

Explanation: When the Journal data set was opened, the VSAM catalog indicated that the data set was not properly formatted.

Action: Format the Journal using S6BTLFJR and then resubmit the program that failed.

S6BJX004E

JOURNAL OPEN ERROR

Source: Journal Extract

Explanation: When attempting to open the Journal data set, VSAM reported an error.

Action: View the SYSLOG for more information.

S6BJX005E

JOURNAL CI SIZE TOO SMALL

Source: Journal Extract

Explanation: When processing the Journal, it was determined that the control interval size (CI) is not valid for a Journal data set.

Action: Ensure that your JCL is correct and resubmit it. If your JCL is correct, contact TIBCO Support.

S6BJX006E

BACKUP OPEN FAILED

Source: Journal Extract

Explanation: When processing the backup Journal to determine the type (VSAM or sequential), an error was detected by the operating system.

Action: Ensure that your JCL is correct and resubmit it. If your JCL is correct, contact TIBCO Support.

S6BJX007E**VSAM OUTPUT ERROR ON BACKUP****Source:** Journal Extract**Explanation:** When attempting to add a record to the VSAM backup Journal, an error was detected.**Action:** View the SYSLOG for more information.**S6BJX008E****WRITE ERROR ON ERASING JOURNAL****Source:** Journal Extract**Explanation:** When attempting to clear the first record on a Journal to indicate its data has been extracted, VSAM detected a write error.**Action:** View the SYSLOG for more information.**S6BJX010W****BACKUP CANCELLED VIA DD DUMMY SPECIFICATION****Source:** Journal Extract**Explanation:** When the module was examining the backup data set, it detected that the data set was set to "dummy", which indicates that the backup is not required. To save processing, the Journal extract is not invoked. The Journal is simply re-initialized so it can be reused.**Action:** No action is required.**S6BJX011E****S6BSPCXO ERROR R15=X"XXXXXXXX"****Source:** Journal Extract**Explanation:** The optional compression processing was selected for the journal offload utility (using the COMPRESS parameter for S6BSPJEX). When the user-supplied compression exit was called for initialization processing, it returned with a completion code greater than 4.**Action:** Review the user-supplied compression exit.**S6BJX012W****COMPRESSION DISABLED BY S6BSPCXO****Source:** Journal Extract**Explanation:** The optional compression processing was selected for the journal offload utility (using the COMPRESS parameter for S6BSPJEX). When the user-supplied compression exit was called for initialization processing, it returned with a completion code of 4 indicating compression should be disabled.**Action:** Review the user-supplied exit to determine why it indicated the compression processing should be disabled.**S6BJX013E****S6BSPCXR ERROR R15=X"_____"****Source:** Journal Extract**Explanation:** The user-supplied compression exit returned control to the S6BSPJEX (Journal Offload) utility with a completion code that was greater than 4 or less than zero.**Action:** Review the user-supplied compression exit to determine the cause of the error condition code.

S6BJX014E

**BUFFER CONTROL ERROR DETECTED,
SPIN TERMINATED**

Source: Journal Extract

Explanation: When processing the journal in the
S6BSPJEX (Journal Offload) utility, an
internal control error was detected.

Action: Contact TIBCO Support.

KA: DOB Query Task

S6BKA002W

FREE LOCKS FAILED

Source: DOB Query Task

Explanation: During a transaction cleanup, the attempt to free logical locks failed.

Action: Contact TIBCO Support.

S6BKA003W

FREE LOCK REQUEST BUFFER FAILED

Source: DOB Query Task

Explanation: During a transaction cleanup, the attempt to free the lock buffer failed. Object Service Broker processing continues.

Action: Contact TIBCO Support.

S6BKA004E

UNDEFINED EVENT CODE X'____'

Source: DOB Query Task

Explanation: Object Service Broker logic error. The Query supervisor detected a physical event for which it does not have a service routine. The request is ignored. Object Service Broker processing continues.

Action: Contact TIBCO Support.

S6BKA008W

INVALID TDS REQUEST CODE

Source: DOB Query Task

Explanation: An invalid request code was received from TDS.

S6BKA005W

INVALID TDS REQUEST

Source: DOB Query Task

Explanation: Object Service Broker protocol error. The Query supervisor received an invalid request for service. The offending transaction is aborted.

Action: Contact TIBCO Support.

S6BKA006W

DATA ERROR - NOT PAGE REQUESTED

Source: DOB Query Task

Explanation: The page passed was not the page requested.

Action: Contact TIBCO Support.

S6BKA007W

INVALID RETURN CODE FROM PAGE LOOKUP

Source: DOB Query Task

Explanation: During Resident Page Lookup, an unexpected return code was returned by the lookup service routine.

Action: Contact TIBCO Support.

Action: Contact TIBCO Support.

S6BKA009W**USER GONE - UNEXPECTED LOGOFF**

Source: DOB Query Task

Explanation: Object Service Broker tried to communicate back to the user, but the user was not there.

Action: No action required.

S6BKA010E**USER CANCELLED OR FORCED,
TRANSACTION TERMINATED**

Source: DOB Query Task

Explanation: During the processing of a service request it was detected that a user connection had been cancelled or forced via the Operator/Administrator.

Action: The transaction in progress is abnormally terminated to allow the system to invoke session cleanup.

S6BKA011W**INVALID PAGE REQUESTED**

Source: DOB Query Task

Explanation: The page requested is not in the extents that are available to the user.

Action: Contact TIBCO Support.

S6BKA012W**ILLEGAL PAGE HOLD**

Source: DOB Query Task

Explanation: Object Service Broker protocol error. A Query transaction attempted to retrieve a page for update.

Action: Contact TIBCO Support.

S6BKA013W**HOLDING TOO MANY BUFFERS**

Source: DOB Query Task

Explanation: A query transaction requested more working set storage than allowed internally. The assumption is that the transaction might be looping. The offending transaction is aborted. Object Service Broker continues processing.

Action: Contact TIBCO Support.

S6BKA014W**PAGE POOL BUFFER ERROR**

Source: DOB Query Task

Explanation: Internal system error. An error occurred during an attempt to get a page pool buffer.

Action: Contact TIBCO Support.

S6BKA015W**INVALID FREE 4K ADDRESS**

Source: DOB Query Task

Explanation: Object Service Broker attempted to free a buffer at an invalid address.

Action: Contact TIBCO Support.

S6BKA016W**PAGE POOL BUFFER ERROR ON FREE****Source:** DOB Query Task

Explanation: Query transaction cleanup encountered an error in returning transient storage to the system. Processing continues, possibly with the loss of working set storage. Statistics are available on BUFFER pool operations. Object Service Broker processing continues.

Action: Contact TIBCO Support.**S6BKA017W****LOCK BUFFER ERROR****Source:** DOB Query Task

Explanation: A request was made to the lock manager, but the request failed.

Action: Contact TIBCO Support.**S6BKA018W****UNLOCK REQUEST IN ERROR****Source:** DOB Query Task

Explanation: An unlock request to the lock manager failed.

Action: Contact TIBCO Support.**S6BKA019W****LOCK INTERFERENCE****Source:** DOB Query Task

Explanation: Object Service Broker protocol error. The Execution Environment tried to start a new transaction without terminating the current transaction that is using this stream. Logical resources remain locked by the previous transaction.

Action: No action required. The user may have to log off to re-synchronize the session.

S6BKA020W**FILE UPDATES NOT ALLOWED IN PHASE 1****Source:** DOB Query Task

Explanation: Object Service Broker protocol error. A QUERY transaction attempted to update a page. The transaction is aborted.

Action: Contact TIBCO Support.**S6BKA021W****NO FREE CTABLE SLOTS****Source:** DOB Query Task

Explanation: This is a transient buffer shortage problem. All resident CTABLE build areas are currently in use. The transaction is aborted.

Action: The number of resident CTABLEs is an invocation parameter (CTABRESIDENT) to the Data Object Broker. Review the Installation and Operations manual for details. Contact the Object Service Broker system administrator to configure Object Service Broker to meet the requirements of a particular workload.

S6BKA022W**INVALID TABLE NAME ON CTABLE REQUEST****Source:** DOB Query Task**Explanation:** Object Service Broker protocol error. The table name specified in an internal access method request contains invalid characters. The transaction is aborted.**Action:** Contact the Object Service Broker System Administrator. Ensure that the Object Service Broker versions for both user and Data Object Broker are identical.**S6BKA024W****BUFFER NOT AVAILABLE TO SUPPORT PAGE RETRIEVAL REQUEST****Source:** DOB Query Task**Explanation:** When the Data Object Broker attempted to obtain a buffer to store a page image, the buffer was not available.**Action:** This should be a temporary condition; retry the transaction.**S6BKA026W****XTAB POOL BUFFER ERROR ON FREE****Source:** DOB Query Task**Explanation:** Object Service Broker internal logic error. A transient work area cannot be returned to its buffer pool. Object Service Broker processing continues, perhaps with degraded resources.**Action:** Contact TIBCO Support.**S6BKA027W****XTAB POOL BUFFER ERROR ON GET (SESSION LIMIT?)****Source:** DOB Query Task**Explanation:** The Query supervisor failed to acquire a transient work area. The transaction is aborted.**Action:** If the situation persists, ensure that the actual number of concurrent users is accurately reflected in the Object Service Broker startup parameters. Contact the Object Service Broker system administrator to configure Object Service Broker to match the expected workload. Refer to the Installation and Operations manual for details.**S6BKA030W****NO STORAGE FOR CTABLE POOL****Source:** DOB Query Task**Explanation:** During Object Service Broker startup, insufficient storage was available to provide the concurrent resource pools as configured.**Action:** Review the Installation and Operations manual and ensure that Object Service Broker is running with an appropriate job class and region size.

S6BKA031E**STORAGE NOT AVAILABLE FOR LOCK
MANAGER WORK AREAS****Source:** DOB Query Task**Explanation:** There was not sufficient virtual storage available during Data Object Broker initialization for the allocation of Lock Manager work areas.**Action:** Increase the amount of virtual storage available and restart the Data Object Broker.**S6BKA033I****APPL INITIALIZATION OK****Source:** DOB Query Task**Explanation:** The Query supervisor initialized successfully during the startup of the Data Object Broker.**Action:** No action required.**S6BKA034W****FREE PAGE BUFFER SERVICE FAILURE
DETECTED****Source:** DOB Query Task**Explanation:** When an attempt to release a previously obtain buffer, an error occurred.**Action:** Contact TIBCO Support.**S6BKA035W****TRANSACTION ABORTED - LOCK BUFFER
MEMORY LIMIT****Source:** DOB Query Task**Explanation:** The Object Service Broker lock manager ran out of LOCK BUFFER POOL memory during the last request. The transaction is aborted.**Action:** No action required.**S6BKA036W****CENTRAL SERVER ERROR DETECTED IN
TRANSACTION PROCESSING****Source:** DOB Query Task**Explanation:** An abend was detected during the processing of a transaction by the Query Processor. The Query Processor was able to recover from the abend; however, the transaction which was being processed at the time of the abend was aborted.**Action:** Retain the Job Log for the Data Object Broker, and contact TIBCO Support.**S6BKA037W****READ REQUEST REJECTED, SEGMENT
OFFLINE REQUEST IN PROGRESS****Source:** DOB Query Task**Explanation:** A Page read request has attempt to obtain a page that is resident on a segment that is in the process of being taken offline.**Action:** The page request is failed.**S6BKA038E****CTABLE BUILD FAILED, SEGMENT
OFFLINE REQUEST IN PROGRESS****Source:** DOB Query Task**Explanation:** When attempting to build a CTABLE (table definition block) it was determined that segment on which the table resides is currently in process of being taken offline.**Action:** The request is terminated.

S6BKA039W**LOGICAL LOCK PROCESSING ERROR DETECTED****Source:** DOB Query Task**Explanation:** The routine that manages logical locking of table instances responded with a return code that was out of range.**Action:** Contact TIBCO Support.**S6BKA040E****CTABLE CHAINING ERROR: SESSION QUEUE POINTER INCORRECT, DUMP GENERATION REQUESTED****Source:** DOB Query Task**Explanation:** An internal CTABLE management error was detected in the chains of sessions waiting for the completion of the CTABLE (table definition block) build.**Action:** The Data Object Broker generates an SVC dump in order to provide diagnostics. This dump should be packaged and included in an incident report. After the dump generation is complete the Data Object Broker processes through all the session control blocks in order to reconstruct the chain and then continues processing.**S6BKA041E****CTABLE CHAINING ERROR, SESSION QUEUE POINTER INCORRECT, DUMP GENERATION REQUESTED****Source:** DOB Query Task**Explanation:** While processing a CTABLE (table definition block) request the internal CTABLE Managements service detected an error in the pointer /chain processing.**Action:** The Data Object Broker reports the error, generates a dump, and then abends with a User 402 abend.**S6BKA042E****INVALID RETURN CODE FROM SERVICE ROUTINE, DUMP GENERATION REQUESTED.****Source:** DOB Query Task**Explanation:** When control returned from a Data Object Broker service routine the return code was found to be outside the expected range.**Action:** The Data Object Broker requests the generation of a dump and then terminates with a User 404 abend.**S6BKA043E****CTABLE REFERENCE COUNT FORCED TO ZERO, DUMP GENERATION REQUESTED****Source:** DOB Query Task**Explanation:** The CTABLE (table definition block) Manager detected a negative reference count when updating the current number of sessions accessing the CTABLE.**Action:** After the message a DIB Dump will be requested and the Data Object Broker terminates with a User 404 abend.

KC: DOB Communication Task

S6BKC000I

explanation of return/reason code for connection failure

Source: DOB Communication Task

Explanation: When a connection to a Data Object Broker fails, the error message displayed may contain a return code or a reason code in the "sense data" field. Some of the codes require the user to correct a setting and then retry; others represent severe problems over which the user has no control.

Other error messages reference this message for the descriptions of these codes.

The following are the return/reason codes:

- 08 - Logic Errors
 - 00 - Compatibility code not passed in connect parameters. Coding error.
 - 04 - Compatibility-level error, Execution Environment not compatible. Attempting to connect to a Data Object Broker that is at a different release level.
 - 08 - Connection type parameter not supplied (RGNTYPE=). Coding error.
 - 0C - USERID parameter not supplied. Coding error.
 - 10 - Connection type value is not supported. Coding error.
 - 14 - Fail Safe level 1 required. Attempting to connect to a Data Object Broker that requires at least Fail Safe level-1 (contingent commit) support with a gateway/server or Data Object
- Broker that supports only Fail Safe level 0 (serial commit).
- 18 - Server type/ID not specified (spec block too small). Coding error.
- 1C - TAM Server rejected, combined Execution Environment not specified. The remote peer server requires two connections: an Execution Environment and a server. During the attempt to connect the rule server, the Execution Environment to which it was to be coupled could not be found.
- 20 - Fail Safe level 2 required. Attempting to connect to a Data Object Broker that requires at least Fail Safe level-1 (contingent commit) support with a gateway/server or Data Object Broker that supports only Fail Safe level 0 (serial commit).
- 24 - Server type not specified. Coding error.
- 28 - Userid is invalid. Either the passed userid is blank or you are attempting to use a superseded version of S6BBRULH.
- 2C - Server path ID not specified. Coding error.
- 30 - Registration characteristics different than configured. The characteristics specified in the path management system do not match those supplied in the connection list.
- 34 - Expected associated connection not found. Some gateways require two connections: an Execution Environment and a gateway. During

the attempt to connect the gateway, the Execution Environment to which it was to be coupled could not be found.

- 38 - Specified associated userid is duplicated. Some gateways require two connections: an Execution Environment and a gateway. During the attempt to connect the gateway, a search of the user list determined that the target Execution Environment userid was used in more than one connection. Therefore it could not be determined which one was appropriate.
- 0C - Environmental Restrictions
 - 00 - Data Object Broker is not accepting logons. The Data Object Broker is currently in a status that prevents the acceptance of connections.
 - 04 - Storage not available to support connection. Each connection to the Data Object Broker requires a block of private space. The pool containing the space is currently completely allocated.
 - 08 - Connections currently restricted to operators. The Data Object Broker is currently in a status that prevents the acceptance of connections other than operator sessions (IR ADMIN CLIST).
 - OC - Batch connections are not being accepted. The Data Object Broker is currently in a status that prevents the acceptance of connections from batch jobs.
 - 10 - User/Server already logged on. The userid specified in the connection is the same as an existing connection.
 - 14 - Maximum Execution Environments limit exceeded. The number of Execution Environments

has reached the defined limit (usermax).

- 18 - An inbound connection from a Data Object Broker is not predefined to the resource management facility.
- 1C - Logon is rejected because the system is quiesced.
- 20 - An external DBMS gateway is not defined to the resource management facility.
- 24 - EXTN resource limits already at maximum for path.
- 28 - Connections only accepted via a Message Switch address space
- 2C - Reserved, not currently active.
- 30 - Reserved, not currently active.
- 34 - Nonzero alert pointer.
- 38 - DXE chaining not supported.
- 3C - Wild card resource exceeds defined resource limit.

Action: Based on the return and reason codes, do one of the following:

- 08
 - 00 - Contact TIBCO Support.
 - 04 - Use the same release-level libraries for the Data Object Broker and the item attempting to connect to it.
 - 08 - Contact TIBCO Support.
 - 0C - Contact TIBCO Support.
 - 10 - Contact TIBCO Support.
 - 14 - No longer supported.
 - 18 - Contact TIBCO Support.
 - 1C - Try to determine if the Execution Environment failed, and then contact TIBCO Support.
 - 20 - No longer supported.
 - 24 - Contact TIBCO Support.

- 28 - Contact TIBCO Support.
- 2C - Specify the gateway path ID.
- 30 - Check the joblog for a S6BKC081 message, which will identify the characteristics that were specified with the connection. Adjust the connection request or the path management so the characteristics match.
- 34 - Try to determine if the Execution Environment failed, and then contact TIBCO Support.
- 38 - Try to eliminate duplicate Execution Engine userids. If this does not work, contact TIBCO Support.
- 0C
 - 00 - Wait for the condition to clear and try again later - the Data Object Broker is not accepting logon requests at this time, check the log for outstanding error conditions.
 - 04 - Try again later or increase the MAXUSERS parameter.
 - 08 - Wait for the condition to clear and try again later - the Data Object Broker is only accepting logon requests for administration sessions.
 - 0C - Wait for the condition to clear and try again later - the Data Object Broker is not accepting logon requests for batch sessions at this time. Check the log for outstanding error conditions.
 - 10 - Try to determine why the userids are duplicated or retry the connection with a different userid.
 - 14 - Execution Environment session limit reached, retry later or increase the USERMAX limit.
 - 18 - Define the incoming Data Object Broker via the Administrator Resource Management function.
 - 1C - Check the joblog for outstanding journal spins and try again later.
 - 20 - Define the required gateway via the Administrator Resource Management Facility.
 - 24 - Increase the schedule limits or retry the connection later (see the Administrator Resource Management Facility).
 - 28 - Modify the connecting session to connect to a Message Switch address space.
 - 2C - No action is required.
 - 30 - No action is required.
 - 34 - Contact TIBCO Support.
 - 38 - Contact TIBCO Support.
 - 3C - Increase the MAXRESOURCES Data Object Broker parameter.

S6BKC001E

INVALID PEER COMMID SPECIFIED FOR PEERCANCEL REQUEST, REQUEST IGNORED

Source: DOB Communication Task

Explanation: An invalid PEERCANCEL command was issued. The COMMID specified in the console command is not defined to the Resource Manager.

Action: Reissue the PEERCANCEL command with a valid peer identifier.

S6BKC002W**INBOUND PEER CONNECTION REJECTED DUE TO DUPLICATE USERID, &, HIN &****Source:** DOB Communication Task**Explanation:** The message identifies the userid and source of an inbound peer connection that has been prevented from logging on to the Data Object Broker. Peer connections must have a unique userid, whether or not the DUPUSERID parameter has been coded. The peer connection has not been established.**Action:** Determine why a duplicate userid was generated by the remote peer and correct the situation.

The duplicate userid may be the result of a configuration error, such as multiple Data Object Brokers using the same userid prefix. In this case, correct the configuration and restart the HRN connections from the remote Data Object Broker.

S6BKC003W**SVC DUMP GENERATED VIA THE ADMINISTRATOR UTILITY****Source:** DOB Communication Task**Explanation:** An SVC dump of the Data Object Broker was requested via the Administrator Diagnostics Dumps feature.**Action:** No action is required.**S6BKC004E****SEVERE SESSION LIMIT MANAGEMENT ERROR DETECTED, DUMP REQUESTED-INCR****Source:** DOB Communication Task**Explanation:** During the process used to control licensed limits, the internal bitmap masks were not set. This error indicates a problem with the licensing process that is beyond the control of the site.**Action:** A system dump is generated. Please forward the dump and the Data Object Broker and Native Execution Environment joblogs to TIBCO Support.**S6BKC005E****SEVERE SESSION LIMIT MANAGEMENT ERROR DETECTED, DUMP REQUESTED-DECR****Source:** DOB Communication Task**Explanation:** During the processing of licensed limits, the in-use count was decremented when it was already zero. This is an internal control error that is beyond the control of the site.**Action:** A system dump is generated. Please forward the dump and the Data Object Broker and Native Execution Environment joblogs to TIBCO Support for analysis.

S6BKC007W**RESOURCE MANAGEMENT ERROR
DETECTED, DIAGNOSTIC DUMP
REQUESTED, PROCESSING CONTINUES**

Source: DOB Communication Task

Explanation: During the processing of a gateway /server logoff action, it was detected that a pointer in the gateway /server's control block was pointing to an invalid association.

Action: As a result of the error, a diagnostics dump will be requested, the invalid pointer will be cleared and processing will continue. The diagnostics dump generated should be forwarded to TIBCO Support.

S6BKC008W**USER CONNECTION CANCELLED DUE TO
ENDSERVER PROCESSING - USER=_____**

Source: DOB Communication Task

Explanation: An external resource utilized by the in-flight transaction has terminated. In order to avoid potential integrity issues the associated user session was cancelled.

Action: The user can reconnect at their convenience.

S6BKC013A**NO COMMUNICATION FACILITIES
AVAILABLE**

Source: DOB Communication Task

Explanation: Neither Cross Memory Services nor Network Communications are available to the Object Service Broker Data Object Broker. Object Service Broker terminates abnormally.

Action: Look for any associated messages which provide further explanation. If this is an initial installation, ensure that the communication definitions required by

Object Service Broker are in SYS1.VTAMLST and are activated. Verify that the correct VTAM application identifier initialization value was specified. If you are unable to resolve the situation, contact TIBCO Support.

S6BKC014L**_____ ACCESS VIA _____
TERMINATED**

Source: DOB Communication Task

Explanation: Access to the specified Object Service Broker node along the specified path was lost because the connection was terminated.

Action: If the termination was not expected, review the associated messages to determine if an error condition was reported.

S6BKC015L**_____ SERVER HAS BEEN STOPPED VIA
OPERATOR REQUEST**

Source: DOB Communication Task

Explanation: The specified gateway has been terminated as a result of an operator stopserver or shutdown request.

Action: No action required.

S6BKC016L**connectid CONNECTED #=num TYPE=type
COMM=comm-type SOURCE=xxxx**

Source: DOB Communication Task

Explanation: This notification message will identify the connection for a user or batch job to the Data Object Broker.

- connectid may or may not be unique depending on site configuration

- num is the relative connection block used to support this connection. It will always be unique.
- type identifies the type of session being connected, e.g., CICSUSER
- comm-type identifies the type of communication supported for the connection (VTAM, XMS or TCP/IP)
- If the connection is for a terminal-based user, the SOURCE value identifies the terminal through which the user is connected
- If the connection is for a Batch Job, the SOURCE value displays the job name and step name for the connection.

Action: No action is required.

S6BKC017L

connectid LOGGED OFF #=**num** TYPE=**type**
COMM=**comm-type** SOURCE=**xxx**

Source: DOB Communication Task

Explanation: This notification message identifies the logoff for a user or batch job from the Data Object Broker.

- connectid may or may not be unique depending on site configuration
- num is the relative connection block used to support this connection. It is always unique.
- type identifies the type of session logging off, e.g., CICSUSER
- comm-type identifies the type of communication supported for the connection (VTAM, XMS or TCP/IP)
- If the logoff is for a terminal-based user, the SOURCE value identifies the terminal through which the user is connected

- If the logoff is for a Batch Job, the SOURCE value displays the job name and step name for the connection.

Action: No action is required.

S6BKC018I

_____ SERVER AVAILABLE, TYPE=____,
SERVER ID=_____

Source: DOB Communication Task

Explanation: A gateway/server connection has been accepted by the Data Object Broker for a gateway/server with the specified unique identifier. This gateway/server has the specified type and serverid, which are used to group it with like gateways/servers.

Action: No action is required.

S6BKC019L

SERVER TERMINATED, SERVER ID =
_____, ID = _____

Source: DOB Communication Task

Explanation: A gateway/server that was connected to Object Service Broker with the specified type and serverid and unique identifier as specified by "ID=" has terminated its connection.

Action: No action is required.

S6BKC020I

ROUTING ERROR

Source: DOB Communication Task

Explanation: A communications exit received a request that it does not support.

Action: Try to identify the circumstances that trigger this message. An isolated occurrence may be insignificant. Contact TIBCO Support if there are multiple occurrences or related problems.

S6BKC021E

_____ OVERRUN, TRX ID = _____, USER
=

Source: DOB Communication Task

Explanation: Object Service Broker synchronization error. A new transaction arrived before the current transaction completed. The user who experienced the error, their current transaction ID, and the phase (COMMIT or QUERY) are included in the message to help identify the cause.

Action: Contact TIBCO Support. If the problem can be recreated make sure you turn snap on so a snap dump can be generated when the problem occurs.

S6BKC022I

SESS GETBUF FAILED

Source: DOB Communication Task

Explanation: The table processing required to satisfy the request could not be processed because a sessarea buffer could not be obtained.

Action: Ensure that the Object Service Broker startup configuration specifies a concurrency level that is appropriate for your workload. The concurrency level is set by the MAXTHREADS Data Object Broker parameter.

S6BKC024I

UNSOLICITED DBMS MESSAGE

Source: DOB Communication Task

Explanation: Object Service Broker protocol error. An unassigned DBMS gateway made an unsolicited request for service. The request is ignored.

Action: Contact TIBCO Support.

S6BKC025W

SERVER ACCESS IS NOT DEFINED

Source: DOB Communication Task

Explanation: A request was made for access to a gateway with a specific type and serverid. A matching gateway provider has not connected to the Object Service Broker Data Object Broker since it was started.

Action: Contact the person responsible for the Data Object Broker or the access you require and request the gateway be made available.

S6BKC026I**SERVER ACCESS NOT AVAILABLE****Source:** DOB Communication Task**Explanation:** A request was made for a service provider with a specific type and serverid. Service providers with match characteristics have registered with the Data Object Broker but they are either all in use or the connection is no longer active.**Action:** Either wait for a service provider to be freed up (try again) or contact the person responsible for the Data Object Broker and have more service providers made available.**S6BKC027W****USER CURRENTLY ACCESSING MAXIMUM NUMBER OF SERVERS****Source:** DOB Communication Task**Explanation:** During the execution of a transaction there is a limit of six service providers. The request for an additional gateway provider has been rejected because it would exceed this limit.**Action:** Redesign the application to adhere to the limits.**S6BKC028W****REQUEST REJECTED, MESSAGE FLOW RESTRICTED****Source:** DOB Communication Task**Explanation:** A request has arrived at the Object Service Broker Data Object Broker which is currently not able to process any new requests. The restriction could be temporary or the Data Object Broker could be in the

process of shutting down. Preceding S6BDB095A messages may also have been issued indicating another cause of the problem.

Action: Retry your request at a later time. If S6bDB095A messages were issued, take the appropriate actions as documented for S6BDB095A.**S6BKC029E****WORK BUFFER NOT AVAILABLE TO SUPPORT PROCESSING, REQUEST REJECTED****Source:** DOB Communication Task**Explanation:** A work buffer was not available to retain vital information when the request processing was being initialized. The information could not be retained so the request was rejected.**Action:** Ensure the system is configured with the MAXUSERS parameter at a level appropriate for the current workload. During the retrieval of the buffer an attempt is first made to obtain a work buffer; if that fails, a page buffer is retrieved. The S6BKC029E message is only generated if no buffers are available from either of these pools. If both pools are exhausted, there is a good chance that other problems have occurred or are occurring. Check the joblog to try to determine the cause of these failures.

S6BKC030E**UNDEFINED EVENT CODE X'____'****Source:** DOB Communication Task

Explanation: The Communications subtask received a request that it does not support. The request is ignored. Normal processing continues.

Action: Try to identify the circumstances which trigger this message. An isolated occurrence may be insignificant. Contact TIBCO Support if there are multiple occurrences or related problems.

S6BKC031A**D.O.B. ACTIVE, NO COMMUNICATION AVAILABLE****Source:** DOB Communication Task

Explanation: An unrecoverable condition in the communication environment has resulted in the termination of all communication to the Object Service Broker Data Object Broker.

Action: Refer to the joblog to determine what the error condition is. When the condition is corrected, restart the Data Object Broker communication using the COMRESTART command via the console.

S6BKC032L**'_'****Source:** DOB Communication Task

Explanation: This message is displayed in response to the receipt of a command from an administrator. The message displays the first 20 characters of the command text, and the ID of the operator who issued the command.

Action: No action required.

S6BKC033L**USER LIMIT EXCEEDED, CONNECTION REJECTED - _____****Source:** DOB Communication Task

Explanation: When attempting to connect a user session the configured limit was exceeded.

Action: Review the MAXUSERS parameter to determine if it is set appropriately for the required workload.

S6BKC034L**CONNECTION MANAGEMENT POOL EXHAUSTED, CONNECTION REJECTED****Source:** DOB Communication Task

Explanation: Each connection made to the Data Object Broker requires a block of private memory to retain information about the connection and statistics. The pool from which this memory is acquired (the COMMPOOL) has exhausted its supply of buffers. The number of buffers available is based on the MAXUSERS parameter and the path management data available at startup. If the schedule for paths have been increased or new paths have been added it may account for the pools shortfall.

Action: The only way to reset the size of the pool is to recycle the Data Object Broker. If there has been a lot of changes to the path management limits, the Data Object Broker should be recycled when it is convenient.

S6BKC035L

INITIATING PEER CONNECTION TO luname:node name

Source: DOB Communication Task

Explanation: Notification that the connection to the identified peer node is being attempted.

Action: No action required.

S6BKC036L

connectid REJECTED TYPE=type REASON=ee/rr

Source: DOB Communication Task

Explanation: When a connection to the Data Object Broker is rejected, this message appears to identify the reason why.

- connectid is the name used to connect to the Data Object Broker. It may or may not be unique depending on site settings
- type is the type of session, e.g., CICSUSER
- ee is the error code; it can be either 08 or 12
- rr is the reason code

For Error Code 08 - Logic error, the following reason codes apply:

- 00 - compatibility code not passed in connection data
- 04 - compatibility error - check for wrong load library
- 08 - connection data incomplete, region type missing
- 12 - connection data incomplete, connection ID block missing
- 16 - connection data invalid, connection type not supported
- 20 - Data Object failed to accept the session
- 24 - connection data incomplete, specification block too small

- 28 - rules-based gateway rejected, partner connection not specified
- 32 - no longer used
- 36 - gateway connection data incomplete
- 40 - invalid connection ID specified (note: S6BBRULH not acceptable)
- 44 - gateway connection data incomplete, group ID not specified
- 48 - gateway connection data invalid, characteristic error
- 52 - rule-based gateway rejected, connection partner not found
- 56 - rule-based gateway rejected, connection partner associated already

For Error code 12 - Environmental errors, the following reason codes apply:

- 00 - Data Object Broker is not accepting connection request
- 04 - storage not available for the required connection block
- 08 - connection currently restricted to operators
- 12 - batch jobs are not permitted to connect at this time
- 16 - connection ID is already present
- 20 - MAXUSERS users already connected
- 24 - Inbound Peer connection not defined in Resource Manager
- 28 - system quiesced, connection requests are not being accepted
- 32 - gateway type/group combination not defined to the resource management system
- 36 - gateway connection already at maximum as per resource manager
- 40 - In a multi Data Object Broker system connections to the Data Object Broker are only accepted from Message Switches

- 44 - no longer used
- 48 - no longer used
- 52 - connection information is not in acceptable format
- 56 - connection block format error detected
- 60 - wild card gateway definition exceeds resource limits
- 64 - CICS display user limit exceeded
- 68 - Data Object Broker is not licensed for CICS access

Action: Contact TIBCO Support if you need further clarification.

S6BKC039W

TRANSACTION NUMBER EXTRACTION ERROR ON PATH SELECTION

Source: DOB Communication Task

Explanation: An internal error or message structure problem has been detected during external gateway/server path selection. The selection process fails and the user is returned an error.

Action: Contact TIBCO Support.

S6BKC041W

SERVER LOST BEFORE COMMIT PROCESSING INVOKED

Source: DOB Communication Task

Explanation: During the edit processing before a commit is initiated, an external gateway/server required for the commit is no longer available. The commit is rejected before any updates are processed.

Action: Retry the transaction. If available, another gateway/server will be used automatically.

S6BKC042I

ERROR DETECTED DURING PREPARE TO COMMIT PHASE

Source: DOB Communication Task

Explanation: Internal indicators show pending updates for a DBMS gateway. However, the gateway association does not exist.

Action: Invoke the transaction again. If the error recurs, contact TIBCO Support.

S6BKC043W

PREPARE TO COMMIT FAILURE DETECTED

Source: DOB Communication Task

Explanation: A discrepancy has been detected in the user/DBMS gateway cross-reference.

Action: Invoke the transaction again. If the error recurs, contact TIBCO Support.

S6BKC044W

NO CONTINGENCY LOG RECORDS AVAILABLE

Source: DOB Communication Task

Explanation: This request had exceeded the configured limit for concurrent indoubt transactions. All tracks within the REDO.PENDING file are in use. This request is aborted.

Action: Expand the contingency log allocation.

S6BKC045E**REMOTE COMMIT REQUIRING FAIL SAFE PROCESSING HAS FAILED****Source:** DOB Communication Task**Explanation:** The response to a Prepare-To-Commit or Commit request sent to an external resource has indicated an inability to satisfy the request.**Action:** System Action: The commit group failed, none of the commit processing for the sync point is processed. User Action: Review the logs of the external resource to determine what cause the prepare to commit failure.**S6BKC047I****SERVER COMMIT FAILURE DETECTED, TRANSACTION REJECTED****Source:** DOB Communication Task**Explanation:** A DBMS gateway has responded with a nonzero return code for the first gateway updated within the COMMIT group. The COMMIT group is aborted.**Action:** Retry the application.**S6BKC048I****SERVER LOST, PENDING TABLE UPDATES HELD IN-DOUBT****Source:** DOB Communication Task**Explanation:** A DBMS gateway session was lost after the point it was issued a commit and before it could acknowledge the COMMIT complete. The pending TDS table updates are held in-doubt until the system can determine if the DBMS updates were completed or the transaction is manually resolved.**Action:** Restart the gateway or manually resolve the error by using the administrator utility.**S6BKC049I****SERVER LOST, REQUEST REJECTED****Source:** DOB Communication Task**Explanation:** While a service provider was processing a request, its connection to the Object Service Broker Data Object Broker was terminated.**Action:** View the system log to determine why the service provider was terminated, or retry your request at a later time.**S6BKC050I****SERVER FAILURE, COMMIT CURRENTLY IN PROGRESS ABORTED****Source:** DOB Communication Task**Explanation:** The COMMIT group has been aborted because the session for a DBMS gateway with updates responded with an error return code during its commit processing.**Action:** Refer to the gateway's job log to determine the reason for the failure.**S6BKC051A****CONTINGENCY LOG WRITE FAILURE DETECTED****Source:** DOB Communication Task**Explanation:** When attempting to record the TDS intent list on the contingency log (REDO.PENDING), physical write errors were reported. The Data Object Broker will be terminated if continuing after this error could result in a data integrity issue.**Action:**

- If this error does not result in termination of the Data Object Broker, then shut the Data Object Broker down at the earliest

convenient time and address the problem with the contingency log.

- If this error terminates the Data Object Broker, address the problem with the contingency log, restart the Data Object Broker and use the administration utility to resolve any IN*DOUBT transactions.
- If necessary contact TIBCO support for guidance.

S6BKC052A

CONTINGENCY LOG IS NOT EMPTY

Source: DOB Communication Task

Explanation: At Data Object Broker initialization time the contingency log contained data records. This means that manual intervention may be required to clean up any in*doubt transactions.

Action: Once the Data Object Broker has completed initialization use the Administrator utility to review the contingency log and perform any required actions.

S6BKC053E

SERVER ERROR, TDS UPDATES ABORTED, SERVER DATA INCONSISTENT

Source: DOB Communication Task

Explanation: During the COMMIT cycle, a DBMS gateway (not running under Fail Safe constraints) reported a COMMIT error. The default action of the system is to abort the COMMIT, snap the pending TDS updates and roll back any other DBMS gateways.

Data between the DBMS gateways and Object Service Broker may now be out of sync because of a partially completed COMMIT group.

Action: Try to resolve any data inconsistencies and then retry the application.

S6BKC054I

IN-DOUBT RESOLVED, TDS COMMIT ISSUED

Source: DOB Communication Task

Explanation: An outstanding in-doubt transaction has been resolved either automatically or due to manual intervention. The pending TDS table updates have been submitted for processing.

Action: No action required.

S6BKC055I

IN-DOUBT RESOLVED, TDS REQUEST ABORTED

Source: DOB Communication Task

Explanation: An outstanding in-doubt transaction has been resolved either automatically or due to manual intervention. The pending TDS table updates have been rejected.

Action: No action required.

S6BKC057I**NO STORAGE AVAILABLE FOR MESSAGE INBOUND POOL****Source:** DOB Communication Task**Explanation:** A message was received that must be copied into a work buffer to support large inbound messages. When an attempt was made to acquire a buffer from the pool there were no buffers available. This could indicate an internal buffer release issue or a pool size that is inadequate to meet your needs.**Action:** Take a COMM dump and create an incident with TIBCO Support. To alleviate the problem for now, recycle the Data Object Broker with a larger MAXTHREAD parameter value to cause the number of MSGI pool buffers to be increased.**S6BKC058I****NO STORAGE AVAILABLE FOR CONTINGENCY LOG POOL****Source:** DOB Communication Task**Explanation:** During Object Service Broker initialization, sufficient storage (above the line) was not available for use by the contingency log. The Object Service Broker address space may require a larger region size, or authorization to exceed site-imposed limits (IEFUSI).**Action:** Contact your site's system administrator.**S6BKC059E****CONTINGENCY LOG ERROR DETECTED****Source:** DOB Communication Task**Explanation:** An error was detected when attempting to process the contingency log (REDO.PENDING).**Action:** See the job log for accompanying messages with more detail.**S6BKC060E****GROUP SYNCHRONIZATION FAILED-UPDATED SERVER LOST****Source:** DOB Communication Task**Explanation:** When preparing to commit changes, the Object Service Broker Data Object Broker detected that a service provider which had updates against it was no longer available. The pending transaction will be aborted.**Action:** Retry the transaction.**S6BKC061E****GROUP SYNCHRONIZATION FAILED-SERVER MANAGEMENT ERROR****Source:** DOB Communication Task**Explanation:** When preparing to commit changes, the Object Service Broker Data Object Broker detected that its internal pointers were not set as expected. The pending transaction will be aborted.**Action:** Retry the transaction. If the problem recurs contact TIBCO Support.

S6BKC062E**GROUP SYNCHRONIZATION FAILED-MIXED COMMIT PROTOCOLS****Source:** DOB Communication Task**Explanation:** When preparing to commit changes, the Object Service Broker Data Object Broker detected that multiple service providers were updated that supported different levels of Fail Safe processing. The pending transaction will be aborted.**Action:** Redesign the application to conform to Fail Safe requirements. See the discussions of Fail Safe processing in the Backup and Recovery manual and the appropriate Gateway manual.**S6BKC063E****GROUP SYNCHRONIZATION FAILED-COMMIT CONSTRAINT VIOLATION****Source:** DOB Communication Task**Explanation:** When preparing to commit changes, the Object Service Broker Data Object Broker detected that multiple service providers that require Fail Safe support were updated. This violates the constraints of Fail Safe level-1 processing. The pending transaction is aborted.**Action:** Redesign the application to conform to Fail Safe requirements. See the discussions of Fail Safe processing in the Backup and Recovery manual and the appropriate Gateway manual.**S6BKC064E****GROUP SYNCHRONIZATION FAILED-OUTSTANDING INDOUBT TRX****Source:** DOB Communication Task**Explanation:** When preparing to commit changes, the Object Service Broker Data Object Broker detected that a Fail Safe level-1 commit was required against a DBMS service provider which already had an in-doubt transaction against it. The pending transaction is aborted.**Action:** Retry the transaction and/or resolve the in-doubt transaction. See the discussions of Fail Safe processing in the Backup and Recovery manual and the appropriate Gateway manual.**S6BKC065E****GROUP SYNCHRONIZATION FAILED-PREPARE TO COMMIT FAILURE****Source:** DOB Communication Task**Explanation:** A prepare to commit request was made to a peer Object Service Broker during the processing of a transaction which utilized Object Service Broker distributed data. The PEERS parameter on the remote Object Service Broker indicated Fail Safe support; however, when "prepare to commit" request was received the remote Object Service Broker was unable to support the request. The pending transaction will be aborted.**Action:** Correct the PEERS parameter on the local Object Service Broker. See the discussions of Fail Safe processing in the Backup and Recovery manual and the appropriate Gateway manual.

S6BKC066E**GROUP SYNCHRONIZATION FAILED DURING COMMIT CYCLE, HELD IN-DOUBT****Source:** DOB Communication Task**Explanation:** A Fail Safe level-2 commit has failed. The contingency log is retained until all peer Object Service Broker systems have acknowledged a release of their contingency logs.**Action:** Review the system log for accompanying messages to determine why the Fail Safe level-2 commit aborted.**S6BKC067E****INCOMPLETE PREPARE TO COMMIT ABORTED DURING RESTART****Source:** DOB Communication Task**Explanation:** During the restart of an Object Service Broker Data Object Broker, a contingency log in the "prepare to commit" phase of a Fail Safe level-2 commit was recovered. In the "prepare to commit" phase, no updates were committed, the transaction is aborted, and all service providers will be requested to release their contingency logs if they are present.**Action:** No action is required.**S6BKC068A****INDOUBT TDS UPDATES COULD NOT BE RETAINED****Source:** DOB Communication Task**Explanation:** When a transaction is determined to be in-doubt the TDS intents are transferred from the user controlled space to an Object Service Broker control buffer. A buffer could not be acquired.**Action:** The transaction is aborted and held in-doubt; the TDS is already safe, stored in the REDOLOG.PENDING data set.**S6BKC069E****UNABLE TO ESTABLISH INDOUBT LOCKS DURING RESTART****Source:** DOB Communication Task**Explanation:** During the startup processing of a Data Object Broker, logical locks for in-doubt transactions are reacquired. During the attempt to acquire the logical lock, an error was detected.**Action:** Check the joblog for an error from the lock manager, which may help identify the nature of the problem. Contact TIBCO Support for additional assistance.**S6BKC070I****GROUP SYNCHRONIZATION INCOMPLETE-PEER UPDATES DEFERRED****Source:** DOB Communication Task**Explanation:** During a disrupted two phase commit, communications to one of the peer regions was lost. The commit cycle is held until the status of the peer commit is determined.**Action:** Restart the communications link to the peer region as soon as possible.

S6BKC071I**GROUP SYNCHRONIZATION
ORIGINATOR STATUS INDOUBT****Source:** DOB Communication Task**Explanation:** The contingent resource of a contingent two phase commit has suffered a communication interruption. The originating Data Object Broker put the transaction into in-doubt status. The message will be produced by the peer when it is informed of the in-doubt condition.**Action:** Reactivate the lost communication link as soon as possible.**S6BKC072W****2 PHASE GROUP SYNC ABORTED;
ORIGINATOR LOST, PENDING FAIL SAFE 1
RESOURCE UPDATES****Source:** DOB Communication Task**Explanation:** The remote commit coordinator of a transaction doing a contingent two phase commit has aborted a transaction. It was determined that the connection with the originator was lost before any of the commit group was filed. The transaction has ended abnormally with no updating taking place.**Action:** No action required.**S6BKC073W****GROUP SYNCHRONIZATION
TERMINATED BY ORIGINATOR****Source:** DOB Communication Task**Explanation:** The remote commit coordinator has been instructed by the originator to cancel the two phase commit processing for a transaction and release the remote resources.

There was a problem in the commit group coordinated by the originator which could not be overcome, therefore the transaction was aborted.

Action: No action required.**S6BKC074A****RESOURCE ____ - _____ IDENTIFIED IN
CLOG, NOT IN PATH CONTROL****Source:** DOB Communication Task**Explanation:** When Object Service Broker restarted, it found an indoubt transaction with an external resource that is no longer named in the configuration repositories.**Action:** Ensure the repository is still intact and determine why the identified path is no longer defined. Either correct the configuration and retry or use the S6BTLADM utility to delete the indoubt transaction.**S6BKC075E****LOGON REJECTED - CICS DISPLAY LIMIT
EXCEEDED userid****Source:** DOB Communication Task**Explanation:** The connection request for the identified user was rejected because the number of CICS display-type connections is already at the value specified by the MAXDISPLAY parameter.**Action:** Retry your transaction or wait for a CICS display-type connection to terminate.

S6BKC077E**ATTEMPTED TO CHANGE REMOTE RULE PROCESSOR WITHIN A TRANSACTION****Source:** DOB Communication Task

Explanation: When processing remote tables a remote rule server is used. Normally the rule server will default; this can be overridden using the session table. If you do wish to override the rule server selection process it must be done prior to the first remote access on that node within the current transaction. The current transaction has been abended because the rule server had already been selected prior to the failing attempt.

Action: Override the Remote Rule Server earlier in your transaction.

S6BKC080I**- _____ CONNECTION REJECTED, REGISTRATION DIFFERENT THAN RESOURCE MANAGER****Source:** DOB Communication Task

Explanation: An external resource (DBMS gateway, Remote Rule Server or Peer Object Service Broker) connection was rejected with a return code of x'08' and a reason code of x'30'. This means the flags identifying the characteristics of the resource do not match the requirements specified in the Resource Management system. A KC081 message follows this message and identifies the resource characteristics that failed at connection time.

Action: Review the KC081 message that follows.

S6BKC081I**SUPPLIED: INT.RLBK _ EARLY RELEASE _ LAST USER _ AND FAIL SAFE****Source:** DOB Communication Task

Explanation: An external resource (DBMS gateway, Remote Rule Server or Peer Object Service Broker) connection was rejected with a return code of x'08' and a reason code of x'30'. This means the flags identifying the characteristics of the resource do not match the requirements specified in the Resource Management system. This message identifies the resource characteristics that failed at connection time.

Action: Compare the indicators in the KC081 message for the path identified by the preceding KC080 message against those defined in the Resource Management function via the Administrator utility.

S6BKC082A**CONFIGURATION ERROR, PEER HAS LOCAL VTAMID****Source:** DOB Communication Task

Explanation: In the definition of a peer Object Service Broker connection, the serverid specified is the applid of the target Object Service Broker. During start-up processing for a peer connection, it was detected that the target applid matched the VTAMID of the local Data Object Broker. The connection is not logically or physically valid.

Action: The administrator should go into the path management facility via S6BTLADM and remove the invalid path control entry.

S6BKC083W

DUPLICATE USERID (PREFIX ____) ALREADY ON PEER

Source: DOB Communication Task

Explanation: When a Data Object Broker was attempting to make a connection to a remote Data Object Broker, the connection was rejected because there is already a session on the remote Data Object Broker with the same userid.

Action: In the Administrator Resource Management Facility, edit the outbound Peer detail entry (HRN) and ensure a unique PREFIX is specified for the generated userid.

S6BKC084E

DATA EXCHANGE ELEMENT NOT AVAILABLE FOR RESPONSE

Source: DOB Communication Task

Explanation: A buffer to build an operator response could not be obtained from the system.

Action: The request is rejected.

S6BKC085E

DATA EXCHANGE ELEMENT LENGTH OUT OF RANGE; TRANSACTION REJECTED

Source: DOB Communication Task

Explanation: A message length greater than the acceptable limit has been detected by the query processor.

Action: The system will abend the transaction. If a snap dump was produced (optional, based on start-up parameters) contact TIBCO Support and forward the snap dump in an incident report.

S6BKC086W

SERVER COMMAND TO _____ TYPE=____, GROUP=_____ REJECTED, COMMAND ALREADY ACTIVE

Source: DOB Communication Task

Explanation: A gateway/server command operator modify command was received which includes processing a gateway/server which already has a gateway/server command outstanding.

Action: The request is ignored for the gateway/server path.

S6BKC087E

BUFFER NOT AVAILABLE TO CHAIN DEFERRED SERVER COMMANDS

Source: DOB Communication Task

Explanation: When attempting to obtain a buffer to support a gateway/server command request, the required buffer space was not available.

Action: The requested gateway/server command processing is terminated.

S6BKC088I

SRVR CMD: ISS=____, DEFER=____, RSC=_____, CMD=_____

Source: DOB Communication Task

Explanation: This informational message is produced at the completion of the gateway command resource identification process. It identifies how many requests were issued immediately, how many had to be deferred because the path was in use, the name of the resource and the requested command text.

Action: No action required

S6BKC089I

SRVR CMD: OK=____, FAILED=____,
RSC=_____, CMD=_____

Source: DOB Communication Task

Explanation: This informational message present the gateway /server command processing results when the last candidate path has responded.

Action: No action required

S6BKC090E

SRVR CMD REJECTED, NO PATHS MATCH

Source: DOB Communication Task

Explanation: When attempting to select appropriate paths to send the requested gateway /server command it was found that no active paths existed.

Action: The gateway /server command request is rejected

S6BKC091W

NO SESSAREA AVAILABLE, TASK
DELAYED

Source: DOB Communication Task

Explanation: A new query or commit request is to be processed by the Data Object Broker. At this time no SESSAREA is available for this request. The request is delayed until a SESSAREA becomes available. This message may occur while the Data Object Broker is frozen.

Action: If this message occurs regularly during normal processing, increase the value of the MAXTHREADS Data Object Broker parameter until this message no longer appears.

S6BKC105W

SPIN IN PROGRESS SHUTDOWN REQUEST
REJECTED

Source: DOB Communication Task

Explanation: A SHUTDOWN request was received while a journal spin is active.

Action: The operator command:

MODIFY jobname, JOURNALSTATUS

S6BKC106W

USER NOT PERMITTED TO SHUT DOWN
SYSTEM

Source: DOB Communication Task

Explanation: An Object Service Broker shutdown request was issued by the operator utility, but the Object Service Broker parameters are set to disallow the shutdown.

Action: Issue the shutdown request from the operator console.

S6BKC186W

JOURNAL SPIN FLAG ALREADY IN
REQUESTED STATE

Source: DOB Communication Task

Explanation: A job executed the S6BSPJEX program to change the Journal spin status. The SPIN flag is already set to whatever was requested. No action is taken.

Action: No action is required, but it is recommended that access to the S6BSPJEX program be restricted.

S6BKC187W**JOURNAL SPIN FLAG RESET ONLY - NO OFFLINE JOURNAL****Source:** DOB Communication Task**Explanation:** A job executed the S6BSPJEX program to enable Journal spins. However, no Journal was offline, and therefore no Journal was reopened.**Action:** No action is required. You may want to display the Journal status. It is recommended that access to the S6BSPJEX program be restricted.**S6BKC188W****SRBMODE=Z SPECIFIED BUT NO ZIIP AVAILABLE****Source:** DOB Communication Task**Explanation:** The SRBMODE parameter has been set to Z, but no zIIP processor is available to offload work to.**Action:** None. The Data Object Broker reverts to SRBMODE=Y for this instance.**S6BKC200E****REPOSITORY DYNALLOC FAILURE****Source:** DOB Communication Task**Explanation:** When attempting to dynamically allocate the repository data set for the Resource Manager, an error was detected.**Action:** The communication subtask will fail during initialization.**S6BKC201E****ERROR DETECTED IN GENCB FOR "GENCB" FOR REPOSITORY****Source:** DOB Communication Task**Explanation:** When attempting to build a control block to support Resource Management processing, an error was detected.**Action:** The communication sub-task will fail initialization.**S6BKC202E****ERROR DETECTED ON REPOSITORY****Source:** DOB Communication Task**Explanation:** During the initialization of the Data Object Broker, an error was detected with the repository open or read.**Action:** The Data Object Broker initialization fails.**S6BKC204E****RESOURCE ENTRY NOT SPECIFIED IN DBDLIB, REBUILD DBDLIB****Source:** DOB Communication Task**Explanation:** The remote Data Object Broker and gateway/server definitions are saved in a KSDS 128 data set. The required data set could not be located.**Action:** Rebuild your DBDLIB.

S6BKC228L**TRANSACTION MANAGEMENT
DIRECTIVE INVALID**

Source: DOB Communication Task

Explanation: An Object Service Broker user transaction issued a transaction management directive to cause the Data Object Broker to do user accounting or user update. The request has been rejected because of an invalid function code or other format error.

Action: The transaction management request should be investigated and corrected.

KF: DOB Commit Task

S6BKF000E

INVALID TDS REQUEST

Source: DOB Commit Task

Explanation: Internal TDS server error. An unsupported request for service was received by the supervisory code. The transaction is aborted.

Action: Contact TIBCO Support.

S6BKF001W

NO INLINE WRITES ALLOWED

Source: DOB Commit Task

Explanation: A request was received to write a page, but the request is illogical, reflecting an internal TDS server error.

Action: Contact TIBCO Support

S6BKF003W

NO MESSAGES ALLOWED FROM SYNCH POINT

Source: DOB Commit Task

Explanation: Object Service Broker protocol error. A commit process is not permitted to have a dialog with an Object Service Broker user.

Action: Contact TIBCO Support.

S6BKF006W

ILLEGAL GET LOCK DURING SYNCH

Source: DOB Commit Task

S6BKF004W

INVALID PAGE NUMBER SPECIFIED

Source: DOB Commit Task

Explanation: An invalid page number was requested. The transaction is aborted. Associated information is displayed through a generalized abort message.

Action: Contact the Object Service Broker System Administrator. The error may indicate internal data corruption errors within certain index pages. Alternatively, several administrator-only tools do allow data access that bypass normal Object Service Broker navigation. The error may represent keying errors by the System Administrator.

S6BKF005W

PAGE POOL BUFFER ERROR

Source: DOB Commit Task

Explanation: Object Service Broker failed to obtain transient storage for this transaction.

Action: Contact the Object Service Broker System Administrator and verify that Object Service Broker was configured to handle the current level of concurrency. Refer to the Installation and Operations manual for details.

Explanation: Protocol error. The COMMIT process is not allowed to acquire additional logical locks.

Action: Contact TIBCO Support.

S6BKF008W**NO PAGE BUFFERS AVAILABLE****Source:** DOB Commit Task**Explanation:** No more page buffers are available.**Action:** Do one of the following:

- Refer to the Installation and Operations manual for configuration options
- Change the Object Service Broker startup parameters
- Contact TIBCO Support.

S6BKF009W**NO FREE PAGES AVAILABLE IN SEGMENT****Source:** DOB Commit Task**Explanation:** The underlying Pagestore does not have any more free pages. Consequently new data cannot be stored in this segment.**Action:** Object Service Broker Pagestores must be regularly administered to ensure that sufficient space is available for the anticipated workload. Numerous tools are available to the System Administrator to manage the Pagestores and extend the public space available. Review the relevant documentation in the Application Administration manual.**S6BKF011W****PAGE NOT FOUND IN HOLD LIST****Source:** DOB Commit Task**Explanation:** Object Service Broker logic error. A page to be written was not held by the current transaction. The transaction is aborted with a snap dump.**Action:** Contact TIBCO Support.**S6BKF012E****ATTEMPT TO WRITE PAGE ZERO****Source:** DOB Commit Task**Explanation:** Object Service Broker logic error. The commit process attempted to overwrite a reserved page. The transaction is aborted with a snap dump.**Action:** Contact TIBCO Support.**S6BKF013W****TDS PAGE CONTROL VIOLATION****Source:** DOB Commit Task**Explanation:** Object Service Broker logic error. The commit process attempted to write invalid data. The transaction is aborted with a snap dump.**Action:** Contact TIBCO Support.**S6BKF014W****CTABLE SLOTS IN USE****Source:** DOB Commit Task**Explanation:** Refer to message S6BKA021W.**Action:** No action required.**S6BKF016W****TOO MANY BUFFERS REQUIRED****Source:** DOB Commit Task**Explanation:** The users exceeded the maximum number of buffers allowed for a session.**Action:** Do one of the following:

- Shorten the transaction by issuing more intermediate commits.
- If the WORKINGSET Data Object Broker parameter is not at a maximum, consider increasing it to allow for more data and

index pages to participate in the transaction.

S6BKF017W

INVALID FREE BUFFER ATTEMPT

Source: DOB Commit Task

Explanation: An attempt to free a buffer failed.

Action: Contact the Object Service Broker System Administrator.

S6BKF018W

PAGE POOL BUFFER ERROR

Source: DOB Commit Task

Explanation: An attempt to free a page buffer failed.

Action: Contact the Object Service Broker System Administrator.

S6BKF019E

INVALID HOLD LIST MANAGEMENT DIRECTIVE

Source: DOB Commit Task

Explanation: An invalid request was made of the routine that manages pages held for update. The transaction executing at the time this error is encountered abends.

Action: This is an internal processing error and should be reported to TIBCO Support.

S6BKF020E

PAGE TO BE ADDED TO HOLD LIST ALREADY EXISTS

Source: DOB Commit Task

Explanation: The page being added to the list of pages held for update by this transaction was already in the list. The transaction executing at the time this error occurred will be aborted.

Action: This is an internal processing error and should be reported to TIBCO Support.

S6BKF021E

DATA PAGE UPDATE LIMIT EXCEEDED, TRANSACTION ABORTED

Source: DOB Commit Task

Explanation: The current transaction attempted to access more Data pages than were permitted based on the DATAPAGELIMIT run time parameter.

Action: The transaction is aborted. To avoid the problem either add an intermediate commit to the application or increase the DATAPAGELIMIT parameter value.

S6BKF025W**UNABLE TO OBTAIN HOLD LIST BUFFER****Source:** DOB Commit Task**Explanation:** While processing a commit request, the Data Object Broker was not able to obtain a buffer to contain the list of held pages. The failing transaction is aborted, and processing continues normally.**Action:** This problem will only occur when processing very large transactions which utilize external buffers for the held page list. The problem is that these buffers are a finite resource, and there are too many large transactions executing concurrently. Retry the failing transaction.**S6BKF026E****CANNOT UPDATE - REQUIRED SEGMENT IS IN READ ONLY MODE****Source:** DOB Commit Task**Explanation:** One or more of the segments required by this commit are in read only mode and cannot make the requested updates. The transaction is aborted.**Action:** If possible, change the mode of the required segment to read/write and rerun the failed transaction.**S6BKF028E****ATTEMPTED TO READ A PAGE THAT IS CURRENTLY FREE, SEG=____, PAGE=____****Source:** DOB Commit Task**Explanation:** The processing routine that services page reads determined that the requested page is indicated as a free page. These problems tend to be the results of dirty reads that occur when a query is accessing pages via an index where the index is in the process of being changed by another transaction.**Action:** Depending on your preceding actions, do one of the following:

- If you were doing an administration function to view a page image, such as using option U from the Administration Menu, no action is required.
- In all other situations, this message means that you have a corrupted segment. Do the following:
 1. Immediately take the segment offline.
 2. Run S6BTLBPS (Back Up Page Data Sets utility).
 3. Run S6BBRPTR (Batch Pointer Check utility) with the HDR option.
 4. Contact TIBCO Support, supplying the output from Pointer Check.

S6BKF029W**PAGESTORE SEGMENT NOT AVAILABLE****Source:** DOB Commit Task**Explanation:** The system requested a segment that is currently unavailable.**Action:** Contact the Object Service Broker System Administrator because the segment may be offline.

S6BKF030W

INVALID SEGMENT SPECIFIED

Source: DOB Commit Task

Explanation: A GETPAGE request was received with a segment number greater than the maximum number of segments defined.

Action: Contact TIBCO Support.

S6BKF032W

DEADLOCK AVOIDANCE FAILED

Source: DOB Commit Task

Explanation: Deadlock avoidance logic was invoked and a request redriven. The redriven request was again intercepted by deadlock avoidance, and aborted as a result.

Action: Requests are interfering with one another. Retry the request and contact TIBCO Support.

S6BKF033W

PAGE READ IS NOT PAGE REQUESTED

Source: DOB Commit Task

Explanation: Internal error.

Action: Contact TIBCO Support.

S6BKF034W

TRANSACTION PAGE READ LIMIT EXCEEDED

Source: DOB Commit Task

Explanation: The transaction currently being processed by the Data Object Broker has read more pages from the Pagestore data sets than permitted by the Object Service Broker System Administrator. The transaction is aborted.

Action: Contact the System Administrator to determine a method by which the transaction can be executed within the constraints of the Object Service Broker system. If needed, the TRXREADLIMIT can be adjusted to allow more pages to be read by a transaction.

S6BKF035W

**RETRY LIMIT EXCEEDED, USER _____
BLOCK BY USER _____ ON TABLE**

Source: DOB Commit Task

Explanation: During the processing of a transaction, an attempt to gain exclusive rights to a resource failed and the retry limit was exceeded. The transaction was not able to wait because it retained resources needed directly or indirectly by other transactions that held the resource the transaction was trying to obtain.

Action: The transaction fails.

S6BKF036W**DBOFFLINE REQUEST DEFERRED,
SEGMENT IN USE****Source:** DOB Commit Task**Explanation:** While validating a request to take a segment offline it was determined that one or more CTABLEs (table definition blocks) for tables resident on segment were still in use.**Action:** Segment offline processing is deferred until the CTABLEs are no longer required.**S6BKF037E****UNABLE TO OPEN SEGMENT, CACHE
CAPACITY EXCEEDED****Source:** DOB Commit Task**Explanation:** The actions required to bring a segment online requires enough output processing to exceed the available space remaining in the checkpoint write-ahead log (CACHE). The segment online attempt was requested twice without success.**Action:** Try your request again. You should review your configuration; your cache may be too small.**S6BKF038W****PAGESWEEP LIMIT EXCEEDED, -user---, ---
table name -,commarea, trx#****Source:** DOB Commit Task**Explanation:** The site specified a Page Sweep Limit to identify transactions that access more than a "threshold" number of pages. This message attempts to identify the user and transaction that exceeded the coded limit.**Action:** No action is required.**S6BKF039E****PAGE NOT FOUND IN HOLD LIST DURING
PAGE FREE PROCESS****Source:** DOB Commit Task**Explanation:** When attempting to change a previously used page to a free page, it was determined that the page was not properly recorded in the internal control tables.**Action:** Contact TIBCO Support.**S6BKF041E****UNEXPECTED RESIDENT PAGE
MANAGEMENT RESULT, TRANSACTION
TERMINATED****Source:** DOB Commit Task**Explanation:** When processing a transaction the return code from the Resident Page Manager was unexpected in the given scenario. There is a very good chance that the cause of the problem is temporary.**Action:** Re-invoke the transaction after the abnormal transaction termination has completed.**S6BKF042E****RTUQTASK LOAD FAILED,
INITIALIZATION TERMINATED****Source:** DOB Commit Task**Explanation:** During Data Object Broker initialization, a subtask (RTUQTASK) was not able to perform its initialization successfully. The Data Object Broker will fail during startup.**Action:** Review the joblog and contact TIBCO Support.

S6BKF043A**SYSTEM IS FROZEN AND CHECKPOINT REQUIRED FOR %****Source:** DOB Commit Task**Explanation:** During this period when the Object Service Broker system named is frozen, sufficient commit activity has occurred for a checkpoint to be necessary. No more commit processing will be performed until the system is UNFROZEN.**Action:** Verify that the system should remain frozen. To resume normal Object Service Broker processing, use the Unfreeze command.**S6BKF044I****LONG RUNNING TASK(S) IN PROGRESS
FREEZE DELAYED 10 SECONDS FOR %****Source:** DOB Commit Task**Explanation:** A Freeze command was issued for the named Object Service Broker system. This command cannot execute until tasks that may span a checkpoint boundary are complete. Examples of such tasks are Clear Table, Building Secondary Indices, and Deleting Secondary Indices while the data is online.**Action:** The Freeze request will be retried in 10 seconds. You may list the long running tasks using the Status command.**S6BKF045A****FREEZE REQUEST CANCELLED FOR %****Source:** DOB Commit Task**Explanation:** The Freeze request has been delayed by long running tasks, but no work buffers are available to reschedule the request.**Action:** Contact the system administrator.**S6BKF046W****SYSTEM IS FROZEN AND CHECKPOINT %
IS %% COMPLETE FOR %****Source:** DOB Commit Task**Explanation:** The system is FROZEN and the next checkpoint has completed to the indicated percentage. The commit will stop when this reaches 100%.**Action:** If possible, use the Unfreeze command to enable checkpoint processing to continue. Commit processing will stop when this checkpoint is full.**S6BKF047E****UNEXPECTED BWO STATE %****Source:** DOB Commit Task**Explanation:** During an attempt to open either a journal data set or a page data set, the BWO status was not one of the expected values.**Action:** Use IDCAMS to determine the BWO status and then find the reason for this status in the IBM DFSMS documentation. If you are still unable to resolve the problem, contact TIBCO Support.

S6BKF048E**BWO STATUS READ FAILED (%-%) %****Source:** DOB Commit Task**Explanation:** During an attempt to open a journal data set or a page data set, the read of the BWO failed with the indicated return/reason code for the indicated data set.**Action:** Use the IBM DFSMS documentation to determine the cause of the read failure. If you are still unable to resolve the problem, contact TIBCO Support.**S6BKF049E****BWO STATUS SET TO % FAILED (%-%) %****Source:** DOB Commit Task**Explanation:** While processing either a journal data set or a page data set, a request to set the BWO status failed with the indicated return/reason code for the indicated data set.**Action:** Use the IBM DFSMS documentation to determine the cause of this failure. If you are still unable to resolve the problem, contact TIBCO Support.**S6BKF050E****LOAD FAILED FOR BWO INTERFACE
MODULE IGWABWO****Source:** DOB Commit Task**Explanation:** On a system with BWO support, the load for the BWO interface module IGWABWO failed.**Action:** Using the IBM documentation, determine the cause of the load failure and rectify it.**S6BKF051I****CURRENT BWO STATUS % % (%-%) %****Source:** DOB Commit Task**Explanation:** As a result of a BWOSTATUS command, this message is issued for online page and journal data sets that support BWO. The BWO status value appears, followed by the last action requested, with the return/reason code from this action, followed by the data set name. Where:

- BWO_Status - is the BWO 3-byte status field maintained by IBM DFSMSdftp Advanced Services module IGWABWO. The contents of this field, bwo_flags, is described in the IBM DFSMSdftp documentation, part of the DFHSM library.
- BWO_Last_Action - this is an internal Object Service Broker BWO request function. Values are:
 - READ - READ status
 - RESET - set BWO_Status to 000
 - BWO - set BWO_Status to 100
 - FORWARD - set BWO_Status to 001
 - ANALYSE - ANALYSE BWO status
 - DISPLAY - DISPLAY BWO status
- (return-reason code from this action) - see the IBM DFSMSdftp documentation for interpretation of IGWABWO Return and Reason Codes.
- {datasetname} - the Object Service Broker data set being processed.

Action: No action is required.

S6BKF052E

**REDOLOG-1 USER EXIT FAILURE
DETECTED, DOB ABNORMALLY
TERMINATED**

Source: DOB Commit Task

Explanation: The Redolog-1 user exit returned a nonzero return code in GPR 15. The Data Object Broker is terminated with a U320abend.

Action: Contact the Object Service Broker system administrator.

S6BKF053E

**REDOLOG-2 USER EXIT FAILURE
DETECTED, DOB ABNORMALLY
TERMINATED**

Source: DOB Commit Task

Explanation: The Redolog-2 user exit returned a nonzero return code in GPR 15. The Data Object Broker is terminated with a U320abend.

Action: Contact the Object Service Broker system administrator.

S6BKF054E

**FILECHPT USER EXIT FAILURE DETECTED,
DOB ABNORMALLY TERMINATED**

Source: DOB Commit Task

Explanation: The File Management Checkpoint user exit returned a nonzero return code in GPR 15. The Data Object Broker is terminated with a U320abend.

Action: Contact the Object Service Broker system administrator.

S6BKF055E

**TABLE @CRITICALMSGSGS IS NOT
CORRECTLY DEFINED**

Source: DOB Commit Task

Explanation: During Data Object Broker initialization, table @CRITICALMSGSGS was found to be incorrectly defined.

Action: Contact the Object Service Broker system administrator to rectify the definition of @CRITICALMSGSGS.

S6BKF056E

@CRITICALMSGSGS IS NOT EMPTY

Source: DOB Commit Task

Explanation: During Data Object Broker initialization, table @CRITICALMSGSGS was found to contain critical system messages.

Action: Contact the Object Service Broker system administrator, who should review the messages in table @CRITICALMSGSGS, take any action required, and then delete the messages from the table.

S6BKF057I

BWO NOT SUPPORTED FOR %

Source: DOB Commit Task

Explanation: As a result of a BWOSTATUS command, this message is issued for online page and journal data sets that do not support BWO where % is the data set name.

Action: No action is required unless BWO should be supported for this data set. If BWO is required check that the data set is correctly allocated on a DASD device that supports BWO and is managed by DFSMS.

S6BKF099I**TRANSACTION REQUEUED**

Source: DOB Commit Task

Explanation: Deadlock avoidance logic has been invoked and a request redriven. The transaction is rolled back and retried with the expectation that any deadlock will be resolved on the subsequent attempt.

Action: No action required.

KL: Lock Manager

S6BKL010E

UNSUPPORTED LOCK MANAGER
REQUEST CODE ____

Source: Lock Manager

Explanation: The Lock Manager received a request code which it is not designed to process.

Action: Contact TIBCO Support.

S6BKL011E

LOCK MANAGER INSUFFICIENT STORAGE
CODE ____

Source: Lock Manager

Explanation: There is insufficient Lock Manager storage to store the Lock Manager data structures for all the concurrent transactions, tables, parameters, keys, and granted/waiting lock units on hand / being requested. Any transaction reporting this error gets the LOCKFAIL exception.

Action: If this error frequently interferes with Object Service Broker operation, then Data Object Broker parameter changes should be attempted (increase LOCKBUFFERS and/or decrease MAXTHREADS). These changes only take effect after Object Service Broker is restarted. If problems persist, contact TIBCO Support.

S6BKL012E

LOCK STORAGE MANAGEMENT ERROR
CODE ____ - ____

Source: Lock Manager

Explanation: An error has occurred in the Object Service Broker Lock Manager's Storage Management.

Action: Contact TIBCO Support. They will need the complete message text including the error code. A Lock Manager Dump may be useful (option Z, suboption 3 from the Object Service Broker Administration menu).

S6BKL013E

LOCK MANAGER INTERNAL ERROR CODE

Source: Lock Manager

Explanation: An Internal error has been detected in the Object Service Broker Lock Manager.

Action: Contact TIBCO Support. They will need the complete message text including the error code. A Lock Manager Dump may be useful (option Z, suboption 3 from the Object Service Broker Administration menu).

S6BKL014W**DEFUNCT TRANSACTION LOCKS****DETECTED, USER=_____****Source:** Lock Manager

Explanation: The Lock Manager has detected Lock Manager structures for a user who is no longer logged on to Object Service Broker. These structures are purged. This message is issued to warn that this has occurred - normally a transaction's storage should all be released at transaction end.

Action: If this message occurs regularly, then contact TIBCO Support.

KP: DOB Operator Tasks

S6BKP001I

OPER INITIALIZATION COMPLETED

Source: DOB Operator Tasks

Explanation: Initialization was successful for the task supporting operator console MODIFY commands. You can enter Object Service Broker MODIFY commands and receive a response.

Action: No action required.

S6BKP002E

OPER INITIALIZATION FAILED

Source: DOB Operator Tasks

Explanation: An error has been encountered during the initialization of the Data Object Broker's console interface. Data Object Broker initialization continues but console services are not available.

Action: Review the initialization messages in the Data Object Broker's job log to determine the reason for the failure. Terminate and restart the Data Object Broker at the earliest opportunity after the problem is resolved.

S6BKP007E

UNDEFINED EVENT CODE X' '

Source: DOB Operator Tasks

Explanation: This message indicates that an invalid post code has been received by the Data Object Broker's operational support task and cannot be processed.

S6BKP005L

MODIFY ' _____ ' _____ ,

Source: DOB Operator Tasks

Explanation: The command received from the console is echoed. This verifies command recognition and records the command in the console log for the Object Service Broker Data Object Broker task.

Action: No action required.

S6BKP006I

MODIFY COMMAND ACCEPTED

Source: DOB Operator Tasks

Explanation: This message is the standard acknowledgement that the command is valid when no more specific reply exists. Parameter assignment has completed successfully.

Action: No action usually required. If the command triggers an action other than parameter assignment, check for subsequent responses that are issued from the task which actually performs the request.

Action: This is an internal processing error and should be reported to TIBCO Support.

S6BKP008L**TIMED COMMAND INITIATED -****Source:** DOB Operator Tasks**Explanation:** This message is issued to record the processing of a command initiated by a timed event.**Action:** No action required.**S6BKP010W****SYSTEM IS DRAINING****Source:** DOB Operator Tasks**Explanation:** The command issued was:`MODIFY jobname,QUIESCE`

This prevents any new user logons to Object Service Broker and helps existing work drain out of the system. Setting the QUIESCE state helps prepare for an Object Service Broker system shutdown.

Action: An Object Service Broker SHUTDOWN command may be issued, or normal operation can continue by issuing the command:`MODIFY jobname,RESUME`**S6BKP011I****TRAFFIC ENABLED (QUIESCE OFF)****Source:** DOB Operator Tasks**Explanation:** The command issued was:`MODIFY jobname,RESUME`

The flag for the QUIESCE state that occurred in Object Service Broker was reset.

Action: The command that displays the QUIESCE flag setting is:`F jobname,JOURNALSTATUS`

Investigate cases, other than during a shutdown, where Object Service Broker enters a QUIESCE state.

S6BKP013W**CONSOLE MESSAGE BUFFER FREE FAILED****Source:** DOB Operator Tasks**Explanation:** The processing of operator console messages encountered a problem while freeing a message buffer. This may result in failure of the Operator Command Interface.**Action:** If operator console MODIFY commands are no longer being accepted, contact TIBCO Support.**S6BKP014A****SERVICES SUSPENDED - INITIALIZATION FAILURE****Source:** DOB Operator Tasks**Explanation:** Services provided by the operations support task indicated in the message are not available due to the failure of this task to initialize.**Action:** Review the initialization messages in the Data Object Broker's job log to determine the reason for the failure. Terminate and restart the Data Object Broker at the earliest opportunity after the problem is resolved.

S6BKP015E

LENGTH OF SPECIFIED USER ID IS OUT OF RANGE FOR THE CANCEL OR FORCEUSER COMMAND

Source: DOB Operator Tasks

Explanation: A CANCELUSER or FORCEUSER command was entered and the specified userid was not between 1 and 8 characters long, for example, CANCELUSER=uuuuuu;nnnn. The userid (uuuuuu) must be 1 to 8 characters long.

Action: Enter the command again with the correct format.

S6BKP016A

SERVICES TERMINATED

Source: DOB Operator Tasks

Explanation: The operations support services task indicated in the message terminated due to an unrecoverable failure. The system will attempt a restart of the failing task.

Action: Review the Data Object Broker's job log to determine the reason for the failure and report this problem to TIBCO Support.

S6BKP017A

RE-INSTATING _____, SERVICES

Source: DOB Operator Tasks

Explanation: This message indicates that automatic recovery is in progress for the service indicated in the message.

Action: Begin an investigation into the cause of the initial failure. If the service is successfully reinstated, no immediate action is required.

S6BKP018A

RESTART OF _____ SERVICES _____

Source: DOB Operator Tasks

Explanation: This message is issued to indicate the success or failure of the restart action for the indicated operations service.

Action: No action required.

S6BKP019A

_____ SERVICES SUSPENDED - RESTART LIMIT EXCEEDED

Source: DOB Operator Tasks

Explanation: The operations support service indicated in the message could not be recovered after a failure. These services are disabled until the Data Object Broker is restarted.

Action: Review the Data Object Broker's job log to determine the reason for the failure and report this problem to TIBCO Support.

S6BKP020E

_____ CANNOT BE ASSIGNED A VALUE

Source: DOB Operator Tasks

Explanation: A MODIFY command was issued in the form "command=value". The particular command verb specified is defined to be a one word action command without any assigned value. The command is rejected.

Action: The command can be reissued without an assigned value, if appropriate. If in doubt, refer to the operator command documentation in the Installation and Operations manual.

S6BKP021E**_____ COMMAND CONTAINS
INVALID CHARACTER(S)****Source:** DOB Operator Tasks**Explanation:** The indicated command contains characters that are not alphabetic. The command is rejected.**Action:** Verify the spelling of the command. Refer to the Installation and Operations manual if necessary.**S6BKP022E****_____ COMMAND IS AMBIGUOUS****Source:** DOB Operator Tasks**Explanation:** The indicated command has been abbreviated so that it is no longer unique. The command is rejected. Object Service Broker MODIFY commands may be spelled in full or abbreviated through truncation. For example, SNAPOVERRIDE, SNAPOVER, or SNAPO are all accepted. Excessive truncation results in abbreviations that can be one of several commands. For example, SNAP might be any one of SNAPCLASS, SNAPREMOTE, SNAPQUERY, SNAPOVERRIDE, or SNAPVOLSER.**Action:** Spell the parameter keyword name more fully, or completely. Generally, 5 characters are adequate to achieve uniqueness. (TRACEID and TRACEOFF are exceptions). Refer to the Installation and Operations manual if necessary.**S6BKP023E****_____ COMMAND IS NOT DEFINED****Source:** DOB Operator Tasks**Explanation:** The indicated command (only the first 12 characters appear in the message) is not defined to Object Service Broker. You may have used an unrecognizable abbreviation. The command is rejected.**Action:** Verify the spelling of the command. Refer to the Installation and Operations manual if necessary. Abbreviations are only recognized if they are spelled the same as the full command up to the point of truncation.**S6BKP025E****COMMAND NOT PROCESSED, COULD NOT
OBTAIN BUFFER****Source:** DOB Operator Tasks**Explanation:** The Data Object Broker was not able to obtain the work area needed to process an operator request. This is usually a temporary situation and should be resolved almost immediately.**Action:** Reenter the rejected operator command. If the problem persists, obtain a dump of the Data Object Broker and terminate it at your earliest convenience. Notify TIBCO Support.

S6BKP026E**COULD NOT OBTAIN WORK BUFFER FOR
TIMER COMMAND****Source:** DOB Operator Tasks**Explanation:** The Data Object Broker was not able to obtain the work area needed to process an the indicated timed service. This is usually a temporary situation and should be resolved almost immediately.**Action:** If possible enter the command from the operator console. If the problem persists, obtain a dump of the Data Object Broker and terminate it at your earliest convenience. Notify TIBCO Support.**S6BKP027E****xxxxxxx PARM NOT DYNAMICALLY
MODIFIABLE****Source:** DOB Operator Tasks**Explanation:** xxxxxxxx parameter is only modifiable at STARTUP**Action:** None - self-explanatory.**S6BKP030E****_____ MUST BE ASSIGNED A VALUE****Source:** DOB Operator Tasks**Explanation:** A MODIFY was issued as a one word action command. The particular command verb is defined to be for a "keyword=value" command. The command is rejected.**Action:** Provide an appropriate value when issuing this command. Refer to the Installation and Operations manual if necessary.**S6BKP031E****_____ SPECIFIED VALUE HAS TOO
MANY CHARACTERS****Source:** DOB Operator Tasks**Explanation:** The value assigned to the keyword has too many characters. The command is rejected.**Action:** Reenter the command with an acceptable value. Refer to the Installation and Operations manual if necessary.**S6BKP032E****_____ SPECIFIED VALUE
CONTAINS INVALID CHAR(S)****Source:** DOB Operator Tasks**Explanation:** The value assigned to the command failed its edit validity check. This error occurs for any non-alphanumeric value, or for a discrepancy between edit specifications and the input provided. The command is rejected.**Action:** Reenter the command with an acceptable value. Refer to the Installation and Operations manual if necessary.**S6BKP033E****_____ SPECIFIED VALUE NOT
VALID QUALIFIER/DSNAME****Source:** DOB Operator Tasks**Explanation:** The value assigned to the command failed its validity check. A data set name or qualifier, member name, or other entity with similar syntax was expected. The command is rejected.**Action:** Reenter the command with an acceptable value. Refer to the Installation and Operations manual if necessary.

S6BKP034E

_____ SPECIFIED VALUE IS OUT OF RANGE

Source: DOB Operator Tasks

Explanation: The value assigned to the keyword is too big or too small.

Action: Reenter the command with an acceptable value. Refer to the Installation and Operations manual if necessary.

S6BKP035E

_____ ALREADY ASSIGNED - CANNOT MODIFY

Source: DOB Operator Tasks

Explanation: The specified parameter was previously assigned a value. Further changes are not permitted. The MODIFY command for this parameter is provided to permit assignment only if the parameter was omitted from the initialization parameters.

Action: This parameter is normally specified as a Data Object Broker Initialization parameter. Changes are effective at the next Data Object Broker startup.

S6BKP036E

_____ REJECTED, SHUTDOWN IN PROGRESS

Source: DOB Operator Tasks

Explanation: The specified request was rejected because Object Service Broker had already accepted a shutdown request.

Action: Object Service Broker is coming down -- no action required.

S6BKP037E

NOT MODIFIED

Source: DOB Operator Tasks

Explanation: The value of the parameter indicated in the variable portion of the message text is not changed as requested. Refer to any preceding messages for the cause of the failure.

Action: Correct the request as indicated by the accompanying messages and resubmit the request.

S6BKP038E

JOURNAL ____ CANNOT SUPPORT CHPAGELIMIT OF ____

Source: DOB Operator Tasks

Explanation: A request has been made to increase the value of the CHPAGELIMIT parameter; however, while validating this request, the Data Object Broker determined that there was not sufficient space in the Journal data set indicated in the message to support this change. The request is rejected.

Action: Select a lower value and retry the request or reallocate the failing Journal data set to a size which will support this request and reissue the request.

S6BKP039E

REDO LOG CANNOT SUPPORT CHTRANLIMIT OF ____

Source: DOB Operator Tasks

Explanation: A request has been made to increase the value of the CHTRANLIMIT parameter; however, while validating this request, the Data Object Broker determined

Action: Select a lower value and retry the request or reallocate the REDOLOG data set to a size which will support this request and reissue the request.

SYSTEM RUNNING _____:

Explanation: This message provides a timestamp in the SYSLOG.

S6BKP041E

Source: DOB Operator Tasks

Explanation: While validating a request to increase the value of the CHPAGELIMIT parameter, the Data Object Broker determined that the new value would exceed the maximum allowed based on the size of the Resident Page Pool. The request is rejected.

Action: Select a lower new value for
CHPAGELIMIT and reissue the request.

CHECKPOINT MAXIMUM PAGES = _____,
TRANSACTIONS = _____

Source: DOB Operator Tasks

Explanation: This message is issued as confirmation of the new values set by a request to modify either the CHPAGELIMIT parameter or the CHTRANLIMIT parameter.

Action: No action required.

TASK STATUS BUSY-TIME TCB-SEC
EVENTS MSGS INFLT M-CON

Source: DOB Operator Tasks

Explanation: This is the heading line for information displayed in response to the Object Service Broker Data Object Broker Status command:

F jobname,CRSTATUS

Action: No action is required. Refer also to the explanations for messages S6BKP046I and S6BKP047I.

S6BKP046I

• • • •

Source: DOB Operator Tasks

Explanation: These lines display information in response to the Object Service Broker Data Object Broker Status command:

```
F jobname,CRSTATUS.
```

One status line appears for the Data Object Broker main task and attached subtasks. During routine operation these are numbers 0-4 and 6. If issued while a shutdown is in progress, any task which has properly terminated is absent.

Subtasks are most commonly in READY status; they go into ACTIVE status when handling a unit of work and return to READY state when complete. Busy time and TCB time are displayed for each. CRSTATUS always shows Task 6 as ACTIVE because it is actively generating the CRSTATUS display.

The presence of one or more asterisks between BUSY MM:SS and TCB TIME identifies a situation where the TCB has been active nonstop processing events - A task has been active in excess of one second of clock time (*) or over 10 seconds (**). In such cases the TCB SEC amount shown may be less than the actual current value. A problem may have occurred in the TCB.

Action: If any task is flagged with two asterisks (**), investigation is required. Start the Object Service Broker ADMINISTRATOR clist check system activity (option s monitoring), user activity and usage statistics. Contact TIBCO Support if a system problem is detected. Otherwise, no action is required. Refer to explanations for messages S6BKP045I and S6BKP047I.

S6BKP047I

_____ I/O _____.____ SRB _____.____ TCB

Source: DOB Operator Tasks

Explanation: This is the final summary line for information displayed in response to the Data Object Broker Status command:

F jobname , CRSTATUS

Data Object Broker Address Space totals are shown. In general the TCB time value reported on this line will be greater than but close to the sum of the individual task TCB SEC values.

Action: No action required. Refer also to explanations for messages KP045I and KP047I.

S6BKP050I

D/S MODE JRN PAGES USED READ WRITES

Source: DOB Operator Tasks

Explanation: These are the headings for data displayed in response to the command:

F jobname , DBSEGMENTSTATUS

One status line appears for each database segment defined in the DBDLIB. The first letter is the status:

- O (Online)
- F (Offline)

Action: No action is required.

S6BKP051I

a num name d/s mode jrn pages used read writes

Source: DOB Operator Tasks

Explanation: This informational message provides the display under the S6BKP050 headings:

- A (a) can be O for online or F for offline (if offline, Pages, Used, Read, and Writes are not displayed)
- ID (num) is the segment number as specified in the DBDLIB
- NAME (name) is the name of the segment as specified in the DBDLIB
- MODE (mode) is the processing mode (can be R/W -- read/write, R -- read only, and - S -- system segment)
- JRN (jrn) indicates whether journaling is active for the segment (yes or no)
- PAGES (pages) is the number of pages in the segment
- USED (used) is the number of used pages in the segment

- READ (read) is the number of physical page reads against the segment
- WRITES (writes) is the number of physical pages written to the segment

Action: No action is required.

S6BKP052E

DBSEGMENT _____ IS A 'SYSTEM' SEGMENT - REQUEST DENIED

Source: DOB Operator Tasks

Explanation: You entered one of the following commands:

F jobname,DBONLINE=segment_number

F jobname,DBONLINE=segment_name

against a segment which has been defined in the DBGEN as required by the system (or segment 0 which is required by definition). The request is rejected.

Action: Do not attempt to take a required segment offline while Object Service Broker is running. Any batch maintenance of these segments requires that the Object Service Broker system be shut down.

S6BKP053W

DBSEGMENT _____ IS NOT DEFINED

Source: DOB Operator Tasks

Explanation: You entered one of the following commands:

F jobname,DBOFFLINE=identifier

F jobname,DBONLINE=identifier.

The DBSEGMENT that you specified is not defined.

Action: To see the names and numbers of the segments that are available, enter this command:

F jobname,DBSEGMENTSTATUS

S6BKP054W

DBSEGMENT _____ IS ALREADY ONLINE

Source: DOB Operator Tasks

Explanation: You entered the command:

F jobname,DBONLINE=identifier

but the segment is already online.

Action: No action required.

S6BKP055W

DBSEGMENT _____ IS ALREADY OFFLINE

Source: DOB Operator Tasks

Explanation: You entered the command

F jobname,DBOFFLINE=identifier

but the specified DBSEGMENT is already offline.

Action: No action required.

S6BKP056W

DBSEGMENT _____ VARY ALREADY ACTIVE - REQUEST DENIED

Source: DOB Operator Tasks

Explanation: The DBONLINE or DBOFFLINE command you entered was rejected because there was already another DBONLINE or DBOFFLINE command being processed for the requested segment.

Action: Wait for the previous DBONLINE or DBOFFLINE command to complete, and then reenter your request if needed.

S6BKP057W

**DBSEGMENT _____ IS ONLINE -
REQUEST DENIED**

Source: DOB Operator Tasks

Explanation: An operator initiated request to disable Journaling for the segment identified in the message was denied as the segment was still online to the Data Object Broker.

Action: Take the desired segment offline via the DBOFFLINE command, and reissue the command to disable journaling for the segment.

S6BKP058A

**WARNING, SEGMENT=_____ IS ____%
FULL**

Source: DOB Operator Tasks

Explanation: When Object Service Broker execution crosses the midnight boundary, all segments are checked to ensure that the space utilization has not exceeded the 80% threshold. This message is issued once for each segment that has exceeded the threshold.

Action: It is recommended that you increase the number of free pages available either by cleaning up or moving existing tables, or by increasing the size of the data sets within the segment.

S6BKP060I

**JRNL# STATUS % DATE TIME BKUP DEFR
QSCE**

Source: DOB Operator Tasks

Explanation: You issued the command:

`F jobname , JOURNALSTATUS`

Messages S6BKP060I and S6BKP061I are headings and data in response.

Normally, one of the Journals is ACTIVE, the other is READY, and all flags are N. When a Journal becomes full, its status becomes OFFLINE or DEFER and the BKUP and DEFR flags are set to Yes. When the corresponding Journal spin job completes successfully, the BKUP and DEFR flags are reset, and the OFFLINE Journal becomes READY.

The PEND flag is set to Yes by the commands:

`SPINSUBMIT=Checkpoint`

`SPINSUBMIT=Immediate`

The flag is reset to No by using:

`SPINSUBMIT=Notnow`

The QUIESCE flag is set to Yes during an Object Service Broker Shutdown. It may also be set to Yes if a Journal fills and there is no READY alternate Journal. In such a case, steps must be taken to resolve the Journal situation and the QUIESCE state can then be ended using:

`F jobname , RESUME`

Action: Usually no action is required. Correct detected Journal problems as necessary.

S6BKP061I

_____, _____, _____, _____

Source: DOB Operator Tasks

Explanation: Refer to message S6BKP060I.

Action: Refer to message S6BKP060I.

S6BKP062W

JOURNALLING ALREADY _____ FOR
SEGMENT _____

Source: DOB Operator Tasks

Explanation: An operator initiated request to modify the Journaling status for the segment identified in the message was denied since the Journaling status for the segment was already in the requested state.

Action: Reissue the command specifying the correct Journaling status.

S6BKP063W

JOURNALLING _____ FOR SEGMENT

Source: DOB Operator Tasks

Explanation: This message is issued to confirm a change in the Journaling status for the segment shown in the message text.

Action: No further action required.

S6BKP064I

MAXIMUM USERS = _____ (AS INITIALIZED)

Source: DOB Operator Tasks

Explanation: You issued the command

`F jobname,USERMAX=####`

is a one to four digit maximum user count. The message was issued because #### exceeded the MAXUSERS value in effect when Object Service Broker was started. This value can be adjusted but not increased beyond the initial value until the next time that Object Service Broker is restarted.

Action: No further action required.

S6BKP065I

LOGGED ON USERS/DBMS/OPER/JOBS

Source: DOB Operator Tasks

Explanation: You issued the command

`F jobname,USERLIST`

S6BKP065I and S6BKP066I are headings and data in response. They are followed by summary messages S6BKP067I and S6BKP068I. If no Object Service Broker users are logged on, only S6BKP067I and S6BKP068I are issued.

Object Service Broker connections are identified by their userid. The format of the display is ctuuuuuuuu, where:

- c is the connection type
- t is a trace indicator
- uuuuuuuu is the userid

If the trace indicator is "+", it indicates the connection is currently being traced. A blank or "-" has no significance other than a separator.

The valid connection types are:

- blank - TSO Execution Environment User
- C - CICS Execution Environment user
- N - Native Execution Environment user
- I - IMS/DC Execution Environment user
- U - Solaris Execution Environment user
- t - Other Execution Environment user
- J - Batch Job
- D - DBMS Server connection or Outbound Peer (HRN)
- O - Operator connection
- P - Inbound Peer connection (HIN)
- L - Connection that is in the process of logging on
- ? - Unknown connection type

Action: No action is required.

S6BKP067I**USERS DBMS OPER JOBS OTHER AVAIL****Source:** DOB Operator Tasks**Explanation:** You issued one of the following commands

- . F jobname,USERLIST
- . F jobname,USER

S6BKP067I and S6BKP068I are headings and data in response. The count of users, DBMS gateways, batch jobs, and operator interface users is provided, as well as the number of available slots.

Action: No action is required.**S6BKP068I**

_____' _____'

Source: DOB Operator Tasks**Explanation:** Refer to message S6BKP067I.**Action:** No action required.**S6BKP069I****JOURNALLING DISABLED BY
INITIALIZATION PARAMETER****Source:** DOB Operator Tasks

Explanation: This message is issued in response to an operator request to display the status of the Data Object Broker's JOURNAL data sets. Status cannot be displayed as journaling was disabled at initialization by the JOURNALS=NO directive in the initialization parameters.

Action: No action required.**S6BKP070I****GTF STATUS GTF ID SSTRACE MSGTRACE****Source:** DOB Operator Tasks**Explanation:** You issued the following command:

F jobname,GTFSTATUS

S6BKP070I and S6BKP071I are headings and data in response to the command. The current settings of the various tracing controls are displayed.

Action: No action is required.**S6BKP071I**

ACTIVE X'0__' ____

Source: DOB Operator Tasks**Explanation:** This message provides the data display for message S6BKP070I.**Action:** No action is required.**S6BKP072E****REQUEST DENIED - CANNOT CHANGE
MODE FOR SEGMENT 000****Source:** DOB Operator Tasks

Explanation: An operator request was made to change the base segment's recording mode to read-only. This segment MUST remain in read/write mode. The request is rejected.

Action: No action is required.

S6BKP073E

SEGMENT _____ ALREADY IN _____
MODE

Source: DOB Operator Tasks

Explanation: An operator request has been received to change the recording mode of the indicated segment; however, the Data Object Broker found that the segment was already set to the requested mode.

Action: No action required.

S6BKP075W

GET WORK BUFFER FAILED

Source: DOB Operator Tasks

Explanation: A CANCELUSER or STOPSERVER command was issued to terminate a user or DBMS gateway. Because no work buffer was available, the request could not be processed.

Action: The command may succeed if reissued. If this message occurs again, the reason for the lack of work buffers should be investigated.

S6BKP076W

FREE WORK BUFFER FAILED

Source: DOB Operator Tasks

Explanation: Upon completion of external command processing (e.g., from S6BTLCMD), the work buffer used to carry the command could not be released.

Action: Contact TIBCO Support.

S6BKP078E

CANCEL DENIED - LOGOFF INITIATED AT
_____ ON _____, WAITING
FOR _____

Source: DOB Operator Tasks

Explanation: A request was received by the Data Object Broker to cancel a specified user session that is currently being terminated. The request cannot be fulfilled because the processing for termination has already partially completed. The connection has been waiting for a response from the displayed date and time from the identified external resource.

Action: No action is required.

S6BKP079E

CANCEL DENIED - USER LOGOFF
DEFERRED

Source: DOB Operator Tasks

Explanation: You issued the command

F jobname,CANCELUSER=userid

The specified user is in deferred logoff status. The user's logoff cannot proceed until a coordinated external resource update happens. No action is taken.

Action: If unable to resolve a problem with a user hung up in deferred logoff status, then contact TIBCO Support.

S6BKP080W

SPECIFIED USER NOT LOGGED ON

Source: DOB Operator Tasks

Explanation: You issued the command

F jobname,action=userid

The specified USER was not logged on to Object Service Broker. No action is taken.

Action: No action required. The command:

```
F jobname,USERLIST
```

displays a list of the userids logged on to Object Service Broker.

S6BKP081E

CANCEL DENIED - DBMS SERVER, USE STOPSERVER

Source: DOB Operator Tasks

Explanation: You issued the command:

```
F jobname,CANCELUSER=server_id
```

The ID specified is a DBMS gateway. No action is taken.

Action: Use the STOPSERVER command to shut down a DBMS gateway.

S6BKP086W

JOURNAL SPIN FLAG ALREADY IN REQUESTED STATE

Source: DOB Operator Tasks

Explanation: You entered the command:

```
F jobname,SPINENABLE=YES or NO
```

The spin flag is already set to whatever you requested. No action is taken.

Action: No action required.

S6BKP087W

JOURNAL SPIN FLAG RESET ONLY - NO OFFLINE JOURNAL

Source: DOB Operator Tasks

Explanation: You entered the command:

```
F jobname,SPINENABLE=YES
```

No Journal was offline; therefore, no Journal was reopened. Probably, a previous MODIFY command forced SPIN deferral for maintenance purposes.

Action: No action is required. You may want to display the current Journal status with the command:

```
F jobname,JOURNALSTATUS
```

S6BKP089W

UNEXPECTED USER ID FOUND IN SPECIFIED COMMAREA

Source: DOB Operator Tasks

Explanation: A cancel user request was issued from the S6BTLADM utility. The buffer identified as containing the user information is invalid.

Action: Retry the cancel request. If the error recurs, contact TIBCO Support.

S6BKP090I

CHECKPOINT REQUEST TERMINATED - NO PENDING UPDATES

Source: DOB Operator Tasks

Explanation: An operator has entered the CHECKPOINT command to flush the pending changes to the database. There were no updates pending, so the request is ignored.

Action: No action required.

S6BKP091E**REQUEST DENIED - NO ALTERNATE JOURNALS AVAILABLE FOR RECORDING****Source:** DOB Operator Tasks**Explanation:** An attempt was made to spin the last available journal via the SPINSUBMIT operator command. The request is rejected.**Action:** Determine the reason that the alternate journal is not available. Correct the situation and reissue the command.**S6BKP092E****REQUEST DENIED - JOURNAL ____ IS NOT CONFIGURED****Source:** DOB Operator Tasks**Explanation:** An operator request to vary the indicated journal data set has been rejected as the journal data set was not defined in the DBGEN.**Action:** If more journal data sets are required, modify the journals definition in the DBGEN so that more are available the next time the Data Object Broker is started.**S6BKP093E****REQUEST DENIED - JOURNAL ____ IS ALREADY****Source:** DOB Operator Tasks**Explanation:** An operator request has been received to vary the indicated journal data set; however, the Data Object Broker found that the journal was already set to the requested state.**Action:** No action required.**S6BKP094E****REQUEST DENIED - CANNOT CHANGE STATUS OF ACTIVE JOURNAL****Source:** DOB Operator Tasks**Explanation:** An attempt has been made to vary offline the active journal data set. This request is rejected.**Action:** If the active journal data set must be taken offline, issue a journal spin command. Once the spin completes, the journal can be safely taken offline.**S6BKP095E****REQUEST DENIED - JOURNALLING SERVICES ARE NOT AVAILABLE****Source:** DOB Operator Tasks**Explanation:** An operator command has been entered to manipulate one or more journal data sets; however, JOURNALS=NO was specified in the Data Object Broker's initialization parameters. The request is ignored.**Action:** No action required.**S6BKP096E****VARY REQUEST ACCEPTED FOR JOURNAL****Source:** DOB Operator Tasks**Explanation:** An operator initiated vary request for the indicated journal data set has been successfully received by the Data Object Broker.**Action:** No action required.

S6BKP097L**_____ TERMINATED BY SHUTDOWN****Source:** DOB Operator Tasks**Explanation:** This message displays the name of a user session that has been terminated because Object Service Broker is being shut down.**Action:** No action required.**S6BKP098E****VARY REQUEST ALREADY ACTIVE FOR JOURNAL ____ - REQUEST DENIED****Source:** DOB Operator Tasks**Explanation:** A vary request has been received for the indicated journal data set, however, the Data Object Broker is already processing a vary request for this journal.**Action:** Wait for the current vary request to complete and then reenter your request. If the current request does not complete, take a dump of the Data Object Broker, and restart at your earliest convenience. Contact TIBCO Support.**S6BKP099W****SHUTDOWN COMMAND ACCEPTED****Source:** DOB Operator Tasks**Explanation:** The command:

```
F jobname , SHUTDOWN
executed successfully.
```

Action: No action required.**S6BKP100E****REQUEST DENIED - SPIN OPTION IS STC****Source:** DOB Operator Tasks**Explanation:** A request has been issued against the Data Object Broker which acts upon SPIN JCL; however, the Data Object Broker was initialized to use STC for spin jobs. This request is denied.**Action:** If the intent of the request was to modify the SPIN JCL, then simply modifying the STC PROC is all that is necessary. Otherwise, this request is illogical for the environment, and subsequently no further action is required.**S6BKP101I****SPIN LOAD REQUEST FOR JOURNAL ____ ACCEPTED****Source:** DOB Operator Tasks**Explanation:** This message is issued as an acknowledgement of a SPINLOAD request for the indicated Journal's SPIN JCL.**Action:** No action required.**S6BKP102E****SPECIFIED PEER NOT DEFINED, STARTPEER COMMAND REJECTED****Source:** DOB Operator Tasks**Explanation:** The peer you specified is not defined.**Action:** Check the spelling, or check the peer definitions with S6BTLADM.

S6BKP103E

SPECIFIED PEER IS ALREADY ATTEMPTING CONNECTIONS, STARTPEER COMMAND REJECTED

Source: DOB Operator Tasks

Explanation: The Peer connection is currently in progress. When processing of the Peer completes, all required connections that are viable should have been established.

Action: Retry the command at a later time if required.

S6BKP104I

LOCKTRACE (ON/OFF/MARK POINT), ON TABLE _____, ON USER _____

Source: DOB Operator Tasks

Explanation: This informational message is presented to show the lock trace characteristics for the trace just activated.

Action: No action

S6BKP105W

INVALID LOCKTRACE PARAMETER; "ON", "OFF", "T=...", "U=..." OR "*" ACCEPTABLE

Source: DOB Operator Tasks

Explanation: This warning identifies the acceptable parameters for a locktrace request.

Action: Reenter the locktrace request with the correct parameter values.

S6BKP106W

LOCKTRACE "T=" OR "U=" REQUIRE TABLE NAME OR USER ID

Source: DOB Operator Tasks

Explanation: The LOCKTRACE request was invalid because of missing information.

Action: Reenter the request with all required information.

S6BKP107W

"FORCEUSER" COMMAND REPLACED WITH "CANCELUSER" FOR USER _____, NO PREVIOUS CANCEL

Source: DOB Operator Tasks

Explanation: Before a FORCEUSER command can be processed a CANCELUSER must already be active for the specified user. The FORCEUSER is intended to provide a last resort method terminating a hung user, before it is attempted a CANCELUSER must be attempted.

Action: The command is downgraded to a CANCELUSER and processed.

S6BKP108A

FORCEUSER COMMAND ISSUED AGAINST USER _____

Source: DOB Operator Tasks

Explanation: This message is produced to ensure there is a record of the use of the FORCEUSER command.

Action: No action required

S6BKP109W

**SHUTDOWN COMMAND ACCEPTED,
DEFERRED DUE TO CURRENT
PROCESSING**

Source: DOB Operator Tasks

Explanation: The shutdown command has been accepted. There is currently work outstanding that must be completed before the shutdown can proceed. In particular, there is a long running transaction such as a table clear or secondary index build or delete in flight. When the long running transaction completes, the shutdown request will automatically continue and the Data Object Broker will terminate.

Action: No user intervention is required.

S6BKP110I

DUPLICATE _____ DETECTED

Source: DOB Operator Tasks

Explanation: The console command detected multiple userid/termids and needs to know which userid/termid to act upon.

Action: Reissue the command with ";xxxx", where xxxx is the commnum from message S6BKP112I.

S6BKP111I

**USERID TERMID JOBNAME TYPE
COMMNUM**

Source: DOB Operator Tasks

Explanation: These are the headings for message S6BKP112I.

Action: No action is required.

S6BKP112I

uuuuuuu tttttttt jjjjjjjj tttttttttt cccccc

Source: DOB Operator Tasks

Explanation: S6BKP111I shows headings for the data rows in S6BKP112I; the data in S6BKP112I is used to determine the different userid/termids.

Action: Determine which commnum to use when the console command is reissued.

S6BKP113I

TOTAL NUMBER OF DUPLICATES _____

Source: DOB Operator Tasks

Explanation: This message displays the count of duplicate entries.

Action: No action required.

S6BKP114A

**REPEAT COMMAND WITH "command =
userid;commnum"**

Source: DOB Operator Tasks

Explanation: The console command could not determine which duplicate entry to act on. S6BKP112I lists the commnum of all duplicates.

Action: Reissue the console command with ";commnum" at the end of the command, where the commnum is from the preceding S6BKP112I messages.

S6BKP115E**NO DATA SENT, COMMAND REJECTED****Source:** DOB Operator Tasks**Explanation:** The console command was reissued but no data was detected beyond ";".**Action:** Reissue the command with the commnum.**S6BKP116E****COMMNUM NOT NUMERIC, COMMAND REJECTED****Source:** DOB Operator Tasks**Explanation:** The console command after the ";" was not numeric. The commnum is a numeric value.**Action:** Reenter the console command with a numeric value for the commnum.**S6BKP117E****COMMNUM TOO LARGE, COMMAND REJECTED****Source:** DOB Operator Tasks**Explanation:** The commnum entered was greater than the highest allocated commnum.**Action:** Check the value of the commnum and reenter the command.**S6BKP118I****SPECIFIED COMMAREA NUMBER OUT OF RANGE, REQUEST REJECTED****Source:** DOB Operator Tasks**Explanation:** A CANCELUSER request was issued with an explicate commarea number, the supplied commarea number is out of range.**Action:** Correct the CANCELUSER request and resubmit.**S6BKP119E****SWEEPLIMIT FORMAT INVALID; EXPECTED "SWEEPLIMIT=(LIMIT,USERID)"****Source:** DOB Operator Tasks**Explanation:** When attempting to set a Sweep Limit for a specific user, you used an invalid command format.**Action:** Re-enter the command in the required format.**S6BKP120E****SWEEPLIMIT REQUEST COMMAREA NUMBER CONTAINS INVALID NUMERIC CHARACTERS****Source:** DOB Operator Tasks**Explanation:** When entering a command to set a sweep limit, you used invalid characters in the numeric portion of the command.**Action:** Re-enter the command with the correct format.

S6BKP121E

SWEEPLIMIT REQUEST SPECIFIED A COMMAREA NUMBER THAT IS OUT OF RANGE

Source: DOB Operator Tasks

Explanation: When entering a Sweep Limit, you specified an out-of-range value.

Action: Refer to the Object Service Broker documentation and re-enter the command with a valid limit.

S6BKP122E

SWEEPLIMIT REQUEST IDENTIFIES A USERID AND COMMAREA NUMBER THAT DO NOT MATCH

Source: DOB Operator Tasks

Explanation: In your Sweep Limit command, either the userid or the relative connection number are in error.

Action: Re-enter the command with the correct userid and COMMAREA number.

S6BKP124E

SWEEPLIMIT REQUEST LIMIT CONTAINS INVALID NUMERIC CHARACTERS

Source: DOB Operator Tasks

Explanation: The Sweep Limit specified in the command has invalid numeric characters.

Action: Re-enter the command with a valid Sweep Limit value.

S6BKP125E

SWEEP ACTION FORMAT INVALID; EXPECTED "SWEEP ACTION=(ACTION,USERID)"

Source: DOB Operator Tasks

Explanation: The specified action to be invoked when a user exceeds the Sweep Limit threshold is invalid.

Action: Refer to the Object Service Broker documentation for valid actions and re-enter the command.

S6BKP126E

SWEEP ACTION REQUEST COMMAREA NUMBER CONTAINS INVALID NUMERIC CHARACTERS

Source: DOB Operator Tasks

Explanation: When specifying the action to be invoked when a Sweep Limit Threshold is exceeded, you entered a COMMAREA number that contains invalid numeric characters.

Action: Re-enter the command with a valid COMMAREA number.

S6BKP127E

SWEEP ACTION REQUEST SPECIFIED AN COMMAREA NUMBER THAT IS OUT OF RANGE

Source: DOB Operator Tasks

Explanation: In your attempt to specify the action to be taken when the Sweep Limit threshold is exceeded, the COMMAREA number specified is not valid. It exceeds the number of the pool buffers available.

Action: Re-enter the command with a correct COMMAREA number.

S6BKP128E

SWEEP ACTION REQUEST IDENTIFIES A USERID AND COMMAREA NUMBER THAT DO NOT MATCH

Source: DOB Operator Tasks

Explanation: The COMMAREA number specified in the command identifies a connection for a userid other than the one supplied.

Action: Re-enter the command with the correct userid and COMMAREA number.

S6BKP129E

SWEEP ACTION SPECIFIED USERID COULD NOT BE LOCATED

Source: DOB Operator Tasks

Explanation: The userid specified in the SWEEP ACTION command could not be located on the Data Object Broker.

Action: Verify the userid and re-enter the command.

S6BKP130E

SERVER COMMAND - PROCESSING BUFFER NOT CURRENTLY AVAILABLE, RETRY

Source: DOB Operator Tasks

Explanation: A buffer to retain the gateway command control block could not be obtained from the system.

Action: This is most likely a temporary situation, retry the gateway command.

S6BKP131E

SERVER COMMAND - SERVER TYPE MUST BE A 3 CHARACTER VALUE FOLLOWED BY A COMMA

Source: DOB Operator Tasks

Explanation: The system was not able to identify the desired resource type to process because the message format was incorrect.

Action: Correct the message format and reissue the request.

S6BKP132E

SERVER COMMAND - SERVER TYPE WILDCARD MUST BE "*", OR "*",**

Source: DOB Operator Tasks

Explanation: The gateway command was issued with the gateway type value with wildcards. However the format of the wildcard is invalid. The type value must either be completely specified or completely wildcards.

Action: Correct the gateway command request and reissue it.

S6BKP133E

SERVER COMMAND - FORMAT "TYPE,GROUP,COMMAND" ONE OR MORE SUB-PARAMETERS MISSING.

Source: DOB Operator Tasks

Explanation: The format of the gateway command was incorrect.

Action: Resubmit the request using the correct format.

S6BKP134E

SERVER COMMAND - SERVER GROUP MUST BE 1 TO 8 CHARACTERS FOLLOWED BY A COMMA

Source: DOB Operator Tasks

Explanation: When extracting the group name from the input command, either the group name was too long or a comma was missing.

Action: Correct the request and reissue it.

S6BKP135E

SERVER COMMAND - SERVER GROUP WILD-CARD VALUE DOES NOT ACCEPT EMBEDDED "*"

Source: DOB Operator Tasks

Explanation: The group ID was entered using a * to indicate a wildcard the * must be followed immediately by a "," to indicate the end of the group name.

Action: Correct the request and reissue it.

S6BKP136E

SERVER COMMAND - SERVER COMMAND IS TOO LONG TO PROCESS, LIMITED TO 48 CHARACTERS

Source: DOB Operator Tasks

Explanation: The longest gateway command that can be processed is 48 bytes. The request exceeds this limit. If this restriction causes a problem, contact TIBCO Support.

Action: Correct the request and reissue it.

S6BKP137E

SWEEP ACTION COMMAND ACTION INVALID; USE LOG,NOLOG,SMF,NOSMF,DUMP OR NODUMP

Source: DOB Operator Tasks

Explanation: The action specified in a SWEEP ACTION command is invalid. The message identifies the acceptable actions.

Action: Re-enter the command with a valid action.

S6BKP138E

SWEEP ACTION REQUEST SET ACTION TO SMF, SMF RECORD IS NOT ACTIVE

Source: DOB Operator Tasks

Explanation: The action specified in the SWEEP ACTION command specifies an SMF record to be cut when the threshold is exceeded. The current Data Object Broker environment is not producing any SMF records.

Action: Either select a different action or set the SMFRECORD parameter to start SMF logging and re-enter the command.

S6BKP200W

TIMER _____ COMPLETED, RC = __, ENTRY =

Source: DOB Operator Tasks

Explanation: This message is provided as feedback of the completion of a timed services maintenance request.

Action: No action required.

S6BKP201E

**TIMER INTERVAL GREATER THAN 1 DAY,
ENTRY DISABLED**

Source: DOB Operator Tasks

Explanation: A timed services entry has been encountered which specifies an interval greater than 1 day (1440). This entry is disabled, and Data Object Broker processing continues normally.

Action: This is an internal error condition. Contact TIBCO Support for further assistance.

S6BKP202E

**PROCESSING BUFFER NOT AVAILABLE TO
PROCESS _____**

Source: DOB Operator Tasks

Explanation: A buffer was not available to process the indicated timed services request. The request is ignored.

Action: Contact TIBCO Support for further assistance.

S6BKP203E

**COMMAND % REJECTED; SYSTEM IS
FROZEN: %**

Source: DOB Operator Tasks

Explanation: Only certain commands may be issued while the system is frozen.

Action: Wait until the system is unfrozen and reissue the command.

S6BKP204I

SYSTEM IS % %

Source: DOB Operator Tasks

Explanation: This message is issued as a result of a Status operator command. The system status is ACTIVE, FROZEN, FREEZING, or UNFREEZING.

Action: No action is necessary.

S6BKP205L

**LONG RUNNING TASK ACTIVE id #=num
TYPE=_ COMM=comm-type SOURCE= xxxx**

Source: DOB Operator Tasks

Explanation: This message is issued for each long running task active at the time of a Status operator command. See message S6BKC016 for the meaning of the fields displayed in this message.

Action: No action is required.

S6BKP206E

**COMMAND % REJECTED; INVALID STATE
FOR %**

Source: DOB Operator Tasks

Explanation: This message appears as a result of one of the following actions:

- You issued a Freeze command and you do not have a valid license for this feature
- You issued a Freeze command while the system was already frozen
- You issued an Unfreeze command while the system was not frozen.

Action: Reissue the command when the system state is the appropriate one.

S6BKP208I**BACKUP WHILE OPEN SUPPORT ENABLED****Source:** DOB Operator Tasks**Explanation:** This message is issued as a result of a STATUS command on a system where BWO support is licensed and enabled.**Action:** No action is required.**S6BKP209I****BACKUP WHILE OPEN NOT ENABLED****Source:** DOB Operator Tasks**Explanation:** This message is issued as a result of a BWOSTATUS command on a system that is not enabled for BWO support.**Action:** BWO support may be enabled using the BWO Data Object Parameter if required.**S6BKP210E****COMMAND _____ REJECTED;
SYSTEM IN SECONDARY MODE****Source:** DOB Operator Tasks**Explanation:** The system is in secondary mode and a command that is only valid when the system is in primary mode has been entered.**Action:** Correct the command that is entered.**S6BKP211E****COMMAND REJECTED:****Source:** DOB Operator Tasks**Explanation:** A switch command was for one of the following reasons:

- **FORCE OR ALLOW REQUIRED:** The switch command requires either the FORCE or ALLOW option to complete successfully.

- **INVALID MEMBER NAME:** The member name specified is not a member of the current XCF group
- **XCF NOT ENABLED:** The Data Object Broker is not running in XCF mode, the Switch command is not supported.
- **SWITCH IN PROGRESS:** A SWITCH is already in progress for this Data Object Broker
- **LRT IN PROGRESS:** A Long Running Transaction, such as a Clear Table, is in progress. The SWITCH command is ignored. Retry the SWITCH command after the Long Running Transaction has completed.
- **WORK BUFFER UNAVAILABLE:** A work buffer was not available to schedule the SWITCH. Retry the SWITCH later.

Action: Correct the Switch command and re-issue it.

KQ: Ready To Use Queue Task

S6BKQ001I

RTUQTASK INITIALIZATION COMPLETED SUCCESSFULLY

Source: Ready To Use Queue Task

Explanation: This informational message notifies the operator that the sub-task RTUQTASK has been started successfully.

Action: No action is required.

S6BKQ002W

RTUQTASK HAS INITIATED A CHECKPOINT DUE TO INSUFFICIENT BUFFER ALLOCATION

Source: Ready To Use Queue Task

Explanation: The RTUQTASK is responsible for ensuring that there are an adequate number of buffers available to store online page images. When attempting to replenish the supply due to critically low levels, no buffers were available.

Action: No immediate action is required. The Object Service Broker administrator should consider increasing the size of the RESIDENTPAGES.

KR: DOB Redo Tasks

S6BKR000I

DB RECOVERY IN PROGRESS

Source: DOB Redo Tasks

Explanation: The Recovery task is performing the required recovery.

Action: No action required.

S6BKR001I

_____ REDO TRANSACTIONS RECOVERED

Source: DOB Redo Tasks

Explanation: The Recovery task is indicating how many transactions will be redone from the redolog.

Action: No action required.

S6BKR002A

REDOLOG RECOVERY INFORMATION NOT AVAILABLE, RECOVERING CACHE ONLY

Source: DOB Redo Tasks

Explanation: During the restart processing in the Data Object Broker, data was expected in the REDOLOG to be reapplied. This data was not available.

Action: There is little that can be done from the Object Service Broker standpoint. The data is recovered to the last completed checkpoint. Any changes since that point will be lost.

S6BKR003E

PRIMARY AND DUPLEX REDOLOG DIFFERENCE FOUND

Source: DOB Redo Tasks

Explanation: When processing the primary and the duplex copy of the REDOLOG it was determined that the two were not identical.

Action: Recovery is failed and the Data Object Broker initialization will terminate.

S6BKR004E

REDOLOG FORMAT ERROR DETECTED

Source: DOB Redo Tasks

Explanation: When reading the REDOLOG to determine recovery requirements the format of the REDOLOG was deemed to be invalid. This should only occur after the REDOLOG has been reformatted to upgrade to a new level of code.

Action: Reformat the REDOLOG using the correct level of S6BTLFRL.

S6BKR005E**REDOLOG NOT FORMATTED AFTER PREVIOUS FAILURE****Source:** DOB Redo Tasks**Explanation:** Access to the redolog was terminated during the previous execution of the Data Object Broker. In order for Object Service Broker to restart after this, the redolog must be formatted.**Action:** Follow the relevant recovery procedure in the Object Service Broker Backup and Recovery for z/OS manual.**S6BKR006A****REDOLOG AND CACHE FORMATTED. REPLY TO S6BKR098****Source:** DOB Redo Tasks**Explanation:** All the recovery data sets have been formatted. A reply to the subsequent S6BKR098 message is required to continue initialization.**Action:** If this is the first initialization of this Data Object Broker, or if it is a restart after a clean shutdown followed by data set formatting, reply G to the subsequent S6BKR098 message to continue initialization. Otherwise, reply C to the S6BKR098 message to cancel Data Object Broker initialization and contact your system administrator.**S6BKR007I****RESTART CANCELLED BY OPERATOR****Source:** DOB Redo Tasks**Explanation:** The operator replied C to a S6BKR098 message. System initialization is terminated.**Action:** No further action is required.**S6BKR008A****CACHE DATA MISSING. REPLY TO S6BKR098****Source:** DOB Redo Tasks**Explanation:** One of the two cache data sets is in a formatted state. This is expected only if the other cache data set contains data for checkpoint number one. A subsequent S6BKR098 message is issued to determine if initialization should be allowed to continue.**Action:** Contact the person responsible for this system. If it is determined that the formatted cache data set is NOT required for this initialization, reply G to the subsequent S6BKR098 message. Otherwise reply C.**S6BKR009E****CHECKPOINT OUTSTANDING AND NO CACHE DATA AVAILABLE****Source:** DOB Redo Tasks**Explanation:** Both cache data sets are in a formatted state, yet there is an outstanding checkpoint to be recovered. The only valid checkpoint number for which this can occur is one, but this is not the case.**Action:** The system will terminate this initialization. Report this message to the person responsible for the system.

S6BKR010E**CHECKPOINT COMPLETE YET NO CACHE DATA AVAILABLE**

Source: DOB Redo Tasks

Explanation: A checkpoint has completed yet the cache data for this checkpoint is not complete.

Action: The system initialization is terminated. Contact the person responsible for this system.

S6BKR011A**REDOLOG FORMATTED YET CACHE DATA AVAILABLE. REPLY TO S6BKR098**

Source: DOB Redo Tasks

Explanation: The redolog is in a formatted state, yet the cache data sets are not empty. A subsequent S6BKR098 message is issued.

Action: Contact the person responsible for the system. If it is determined that recovery may continue, reply G to the S6BKR098 message. Otherwise, reply C to cancel system initialization.

S6BKR012I**RECOVERY NOT REQUIRED**

Source: DOB Redo Tasks

Explanation: The system has determined that no recovery is required for this initialization, even though the previous execution of this Data Object Broker did not shut down cleanly.

Action: No action is required.

S6BKR013I**INVALID RDF IN REDOLOG**

Source: DOB Redo Tasks

Explanation: The Recovery task was unable to decipher the redolog data. Recovery transactions may be lost.

Action: Contact TIBCO Support.

S6BKR014A**DOBRESTART PROCESSING FAILED DUE TO REDO TRANSACTION FAILURE**

Source: DOB Redo Tasks

Explanation: During the application of changes to a Data Object Broker during restart following an abnormal termination, a transaction failed. To ensure integrity, the Data Object Broker terminates with an error.

Action: Contact TIBCO Support.

S6BKR015E**REDOLOG SMALLER THAN REQUIRED FOR RESTART**

Source: DOB Redo Tasks

Explanation: During a system restart, the starting offset in the REDOLOG data set is greater than the maximum offset allowed. A subsequent message S6BKX002I indicates the name of the REDOLOG data set being used.

Action: Contact the person responsible for the system. A possible cause is that the REDOLOG has been reallocated while the system was not active and the new REDOLOG is smaller than the original REDOLOG.

S6BKR016E

**RECOVERY USER EXIT FAILURE
DETECTED, STARTUP ABNORMALLY
TERMINATED**

Source: DOB Redo Tasks

Explanation: The Recovery user exit returned a nonzero return code in GPR 15. The Data Object Broker is terminated with a U502abend.

Action: Contact the Object Service Broker system administrator.

S6BKR098A

**READ message_ AND REPLY G TO GO, C TO
CANCEL**

Source: DOB Redo Tasks

Explanation: The system issues this message to find out if you want it to continue initialization.

Action: Read the previous message, then reply either G to continue initialization or C to cancel it.

S6BKR099I

END OF DATABASE RECOVERY

Source: DOB Redo Tasks

Explanation: The Recovery Task is indicating that recovery is complete.

Action: No action required.

KS: DOB Supervisor Tasks

S6BKS001E

EVENT (xxxx) REJECTED IN taskname, DOB TERMINATING termtype

Source: DOB Supervisor Tasks

Explanation: The module identified by "taskname" received an event to process "xxxx" and the Data Object Broker started the termination process. The "termtype" value can be either "NORMALLY" indicating a SHUTDOWN request was issued or "ABNORMALLY" indicating a task abended. The requested event processing is ignored.

Action: Wait for the termination to complete and then recycle the Data Object Broker.

S6BKS002E

DUMP GENERATION SUPPRESSED, TWO OCCURRENCES ALREADY REPORTED

Source: DOB Supervisor Tasks

Explanation: A transaction error has occurred more than 2 times, on the third and subsequent time no dump will be build to diagnose the problem.

Action: No action required.

S6BKS004W

DATA OBJECT BROKER DUMP COMPLETE

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker requested dump has been completed.

Action: No action is required.

S6BKS005W

DATA OBJECT BROKER DUMP FAILED RC(____), REASON (____)

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker requested a dump. The dump which is generated by the SDUMP macro was not successful for the return and reason code provided in the message. Review the SDUMP macro document in the IBM Authorized Reference Manual.

Action: No action

S6BKS006W

DATA OBJECT BROKER DUMP PARTIALLY COMPLETED

Source: DOB Supervisor Tasks

Explanation: When the Data Object Broker was generating an SVC dump, the dump was not completed. The most probable cause was a lack of space in the dump data set.

Action: Consider expanding the allocation for the dump data set.

S6BKS010I

DATA OBJECT BROKER VERSION '_____'

Source: DOB Supervisor Tasks

Explanation: The Object Service Broker Data Object Broker software version and application identifier are displayed when Object Service Broker starts up.

Action: No action is required.

S6BKS011I

TASK NAME _____ **ASID** ' ____ '

Source: DOB Supervisor Tasks

Explanation: The Object Service Broker Data Object Broker job or task name and the Address Space Identifier are displayed when Object Service Broker starts up.

Action: No action is required.

S6BKS012I

APPLID _____ **NODENAME**
' _____ '

Source: DOB Supervisor Tasks

Explanation: This message is present to identify the Object Service Broker Data Object Broker for both a VTAM application identifier and peer Object Service Broker node name used for distributed data access.

Action: No action is required.

S6BKS013W

SMF 24 OR SMF 27 MAY BE REQUESTED BUT NOT BOTH

Source: DOB Supervisor Tasks

Explanation: In the run time parameters for the Data Object Broker, you specified a nonzero value for the SMF27INTERVAL Data Object Broker parameter (default 0) and the SMF24INTERVAL parameter was nonzero (it defaults to 30). Data Object Broker processing does not allow the creation of both the default response time SMF record (SMF24) and the extended response time SMF record (SMF27). If you require the extended response time record, the SMF24INTERVAL parameter must explicitly

be set to zero. If you want to use the default response time record, either omit the SMF27INTERVAL parameter or explicitly set it to zero.

Action: Correct the Data Object Broker run time parameters and retry.

S6BKS014I

MAXIMUM CONNECTIONS OBSERVED FOR THIS DOB INSTANCE WAS number

Source: DOB Supervisor Tasks

Explanation: This message appears at the time of Data Object Broker shutdown and the number in the message is the highest number of end users connected simultaneously to this instance of the Data Object Broker.

Action: This message is for information only.

S6BKS030I

SYSTEM __ **SWAPPABLE**

Source: DOB Supervisor Tasks

Explanation: The Object Service Broker Data Object Broker is executing from an Authorized library. The following features are available to assist performance and tuning when you execute. Object Service Broker from an Authorized library:

- Object Service Broker non-swappable
- Cross Memory Services for Object Service Broker inter-region communication
- Internal Object Service Broker SMF records (optional)
- Journal offload (spin) by Started System Task (optional)

Action: No action is required.

S6BKS031W**NO SMF - LOAD LIBRARY NOT AUTHORIZED****Source:** DOB Supervisor Tasks**Explanation:** SMFRECORD=### was specified as a Data Object Broker initialization parameter with a valid value between 128 and 255. No internal SMF recording is possible because the Data Object Broker is executing from a data set or concatenation that is not Authorized.**Action:** If Object Service Broker internal SMF records are required, the Object Service Broker Data Object Broker load library must be Authorized. Contact the System Programmer responsible for Object Service Broker installation.**S6BKS032E****GETMAIN FAILURE ON ____ POOL, ____ SPACE ____ THE LINE ON A ____ BOUNDARY, RC=****Source:** DOB Supervisor Tasks**Explanation:** Object Service Broker manages its own storage in blocks referred to as pools. When attempting to acquire storage to support, the specified pool the storage was not available.**Action:** Determine why the storage requirements were not satisfied. Check the memory control parameters on the run and increase as needed. Contact TIBCO Support if further support is required.**S6BKS033E****DATA OBJECT BROKER INITIALIZATION FAILURE - APF AUTHORIZATION REQUIRED****Source:** DOB Supervisor Tasks**Explanation:** During Data Object Broker initialization, it was determined that the Data Object Broker was not executed in an APF Authorized state as required. The Data Object Broker will abend with user code 33.**Action:** Refer to the Object Service Broker Documentation for instructions on how to APF Authorize your Data Object Broker.**S6BKS034E****COMMPOOL SPACE COULD NOT BE ACQUIRED ABOVE THE 16M LINE****Source:** DOB Supervisor Tasks**Explanation:** When acquiring storage to build the pool used to retain connection information (COMMPOOL) the storage was not available above the line. The COMMPOOL must reside above the 16 MB line in order to support some processing issues.**Action:** Increase the step or job region size and rerun the startup.

S6BKS038E**GETMAIN FAILED DURING
INITIALIZATION****Source:** DOB Supervisor Tasks**Explanation:** During Data Object Broker initialization, a failure was encountered in obtaining Virtual Storage. The job will abend with user code 38.**Action:** Increase the amount of Virtual Storage available to the Data Object Broker. Refer to the Planning, Installation, and Customization Manual for further instructions, if needed.**S6BKS039E****GLOBAL ____ POOL BUILD FAILED****Source:** DOB Supervisor Tasks**Explanation:** Insufficient storage was available to build Object Service Broker resources for the specified configuration.**Action:** Refer to the Installation and Operations Manual. Validate that the concurrency options are compatible with the region size specified at Object Service Broker startup.**S6BKS040E****SUBTASK INITIALIZATION FAILED****Source:** DOB Supervisor Tasks**Explanation:** An error occurred during the initialization of the indicated subtask. Object Service Broker terminates abnormally.**Action:** See the previous messages on the console and refer to the Installation and Operations Manual.**S6BKS045E****SUBTASK ATTACH FAILED****Source:** DOB Supervisor Tasks**Explanation:** The module for the indicated subtask cannot be accessed. Object Service Broker terminates abnormally.**Action:** See the previous messages on the console and refer to the Installation and Operations Manual.**S6BKS047E****SDWA NOT AVAILABLE FOR ESTAE
PROCESSING****Source:** DOB Supervisor Tasks**Explanation:** During Abnormal Termination of the Data Object Broker, the ESTAE routine was not provided with an SDWA from RTM. Due to this, the ESTAE routine was unable to report on the cause of the ABEND.**Action:** No action required.**S6BKS048E****ESTAE PROCESSING TERMINATED -
ENVIRONMENT ERROR****Source:** DOB Supervisor Tasks**Explanation:** During Abnormal Termination of the Data Object Broker, the ESTAE routine was unable to locate certain control blocks needed for cleanup processing. Due to this circumstance, certain fixed storage pools will not be release back to the system.**Action:** Certain portions of REAL storage will remain unavailable to the system until an IPL is performed. If the amount of storage occupied by these orphaned control blocks

causes system performance problems, an immediate IPL may be required. Contact System Programming and/or Operations staff for further assistance.

S6BKS049E

INITIALIZATION ABORTED

Source: DOB Supervisor Tasks

Explanation: Object Service Broker is terminating abnormally after encountering a severe error or errors during initialization.

Action: Refer to the job log for preceding error messages that explain why Object Service Broker cannot start up.

S6BKS050I

SYSTEM READY ____ _:

Source: DOB Supervisor Tasks

Explanation: The Supervisor task issues this message to notify you that the initialization of Object Service Broker is complete.

Action: No action is required.

S6BKS059E

UNDEFINED EVENT CODE X' ____ '

Source: DOB Supervisor Tasks

Explanation: The Object Service Broker Supervisor task received a request code which it is not defined to handle. The request is ignored.

Action: Contact TIBCO Support.

S6BKS060W

DAIR ERROR ____/____ FOR WTOMSG SYSOUT

Source: DOB Supervisor Tasks

Explanation: A dynamic allocation error occurred during initial or subsequent allocation of a SYSOUT file to receive copies of all WTO messages issued by the Data Object Broker. For an explanation of the codes, refer to the appropriate IBM manual that describes dynamic allocation (SVC99) and its functionality.

Action: Review the WTO ____ initialization parameters that define the attributes of the WTO Sysout file. If unable to resolve, contact TIBCO Support.

S6BKS062W

OPEN FAILED FOR WTOMSG SYSOUT

Source: DOB Supervisor Tasks

Explanation: A SYSOUT file allocated to receive copies of all WTO messages issued by the Data Object Broker could not be opened.

Action: If unable to resolve, contact TIBCO Support.

S6BKS070I

SNAP DUMP COMPLETED TO ' _____ ...'

Source: DOB Supervisor Tasks

Explanation: This message is issued upon the successful completion of a snap dump. The variable portion of the message indicates the final destination of the dump.

Action: No action required.

S6BKS077E**UNRECOVERABLE FAILURE DETECTED IN SRB PROGRAM****Source:** DOB Supervisor Tasks**Explanation:** The Object Service Broker SRB program responsible for Pagestore I/O functions has abnormally terminated. The Data Object Broker is terminated as this failure may cause a loss of data integrity. User abend code 77.**Action:** Contact TIBCO Support.**S6BKS088E****SUBTASK ABEND - S___/U****Source:** DOB Supervisor Tasks**Explanation:** A severe error occurred during the indicated subtask. The Object Service Broker Data Object Broker terminates abnormally. S___ is the system abend code and U___ is the Object Service Broker abend code.**Action:** If an Object Service Broker return code is provided, look at previous console messages for more information. If only a system return code is provided and you cannot resolve the problem based on this code, contact TIBCO Support.**S6BKS101E****INITPARM FILE BYPASSED - OPEN UNSUCCESSFUL****Source:** DOB Supervisor Tasks**Explanation:** An INITPARM DD statement was provided but failed to open properly. Data Object Broker initialization continues. Parameter values are default values unless a PARM= string containing override values is**S6BKS089A****ABEND S___/U___ REAS=_____ DETECTED IN MODULE****Source:** DOB Supervisor Tasks**Explanation:** The Data Object Broker has abended as described in the message. If a SYSxDUMP data set was allocated to the Data Object Broker, it will contain the dump for the error.**Action:** Collect as much information about the failure as possible and contact TIBCO Support.**S6BKS090I****SUBTASK DETACH****Source:** DOB Supervisor Tasks**Explanation:** The indicated subtask has shut down successfully.**Action:** No action required.**S6BKS099I****SHUTDOWN COMPLETED****Source:** DOB Supervisor Tasks**Explanation:** Object Service Broker execution has ended successfully.**Action:** No action required.

provided.

Action: If Object Service Broker started with incorrect parameter values, shut it down. Investigate the INITPARM file problem. When the problem is resolved, restart Object Service Broker.

S6BKS102E**INITPARM FILE BYPASSED - INVALID RECFM OR LRECL****Source:** DOB Supervisor Tasks

Explanation: An INITPARM DD statement was provided, but its record format was not fixed block, or its record length was not 80. Data Object Broker initialization continues. Parameter values are default values unless a PARM= string containing override values is provided.

Action: If Object Service Broker started with incorrect parameter values, shut it down. Do one of the following:

- Allocate an INITPARM file with RECFM=FB and LRECL=80, and supply the correct parameter assignments.
- If Object Service Broker runs as a batch job, you can use //INITPARM DD * to define parameters in- stream.
- If the parameter specifications are 100 characters or less, you can omit //INITPARM and just use the PARM= string.

When ready, restart Object Service Broker.

S6BKS105W**MAXIMUM CICS DISPLAY LIMIT RESET TO MAXUSERS****Source:** DOB Supervisor Tasks

Explanation: The MAXDISPLAY parameter specified a value that was greater than the setting of MAXUSERS. It is not possible to have more users on than MAXUSERS, therefore the Display CICS limit is reduced to the MAXUSERS level.

Action: No action is required. Adjust the MAXDISPLAY parameter to avoid the message from occurring again.

S6BKS121E**_____ PARM CONTAINS INVALID CHARACTER(S)****Source:** DOB Supervisor Tasks

Explanation: The indicated parameter contains characters which are not alphabetic. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Verify and correct the spelling of the parameter. Refer to the Installation and Operations manual if necessary.

S6BKS122E**_____ PARM IS AMBIGUOUS****Source:** DOB Supervisor Tasks

Explanation: The indicated parameter was abbreviated so that it is no longer unique. The parameter is rejected. Object Service Broker startup terminates abnormally.

You can spell Data Object Broker parameters in full or abbreviate them through truncation. For example, SNAPOVERRIDE or SNAPOVER or SNAPO are all accepted. Excessive truncation, however, results in abbreviations that can be one of several parameters. For example, SNAP might be any one of SNAPCLASS, SNAPREMOTE, SNAPQUERY, SNAPOVERRIDE, or SNAPVOLSER.

Action: Spell the parameter keyword name more fully or completely. In general, five characters are sufficient to achieve uniqueness. Refer to the Installation and Operations manual if necessary.

S6BKS123E**_____ PARM IS NOT DEFINED**

Source: DOB Supervisor Tasks

Explanation: The indicated parameter (only the first 13 characters appear in the message) is not defined to Object Service Broker. You may have used an unrecognizable abbreviation. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Verify the spelling of the parameter. Refer to the Installation and Operations manual if necessary. Abbreviation through truncation is permitted, but it is recommended that at least the first five letters be supplied to ensure uniqueness.

S6BKS124I**_____ PARM DISCONTINUED - NO FUNCTION**

Source: DOB Supervisor Tasks

Explanation: The indicated parameter used to be functional in a previous Object Service Broker release but has been superseded. The parameter is ignored. Object Service Broker initialization continues.

Action: Update the file referenced by the INITPARM DDNAME in your Object Service Broker Data Object Broker JCL, or by the PARM= string in the Object Service Broker EXEC statement to discard obsolete parameters.

S6BKS126E**_____ PARM NOT DYNAMICALLY MODIFIABLE**

Source: DOB Supervisor Tasks

Explanation: An operator console command was issued, of the form:

MODIFY jobname,PARM=keyname=value

The keyname specified was a recognized Object Service Broker Data Object Broker parameter, but it is not eligible for modification after startup or once set. The parameter change is rejected. Object Service Broker execution continues.

Action: If the parameter must be changed then this change must be made to the Object Service Broker Data Object Broker initialization parameters and will take effect the next time Object Service Broker is restarted.

S6BKS127E**_____ COMPULSORY PARM OMITTED**

Source: DOB Supervisor Tasks

Explanation: The parameter name listed is compulsory and the Object Service Broker Data Object Broker cannot be initialized successfully without it. Object Service Broker Data Object Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //INITPARM or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BKS130E**_____ MUST BE ASSIGNED A VALUE**

Source: DOB Supervisor Tasks

Explanation: The indicated parameter does not have an associated assigned value. All Data Object Broker parameters are of the form: keyword=value. Spaces are not permitted

between the keyword, equal sign, or value. The parameter is rejected. Object Service Broker Data Object Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //INITPARM or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BKS131E

SPECIFIED VALUE HAS TOO MANY CHARACTERS

Source: DOB Supervisor Tasks

Explanation: The value assigned to the keyword has too many characters. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //INITPARM or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BKS132E

SPECIFIED VALUE CONTAINS INVALID CHAR(S)

Source: DOB Supervisor Tasks

Explanation: The value assigned to the parameter has failed its edit validity check. This occurs for any non-alphanumeric value, or for a discrepancy between edit specifications and the input provided. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //INITPARM or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BKS133E

SPECIFIED VALUE NOT VALID QUALIFIER(S)

Source: DOB Supervisor Tasks

Explanation: The value assigned to the parameter has failed its validity check. A data set name or qualifier, member name, or other entity with similar syntax was expected. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //INITPARM or PARM= string. Refer to the Installation and Operations if necessary.

S6BKS134E

SPECIFIED VALUE OUT OF RANGE

Source: DOB Supervisor Tasks

Explanation: The value assigned to the parameter is too big or too small. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //INITPARM or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BKS135W

INTERVAL OF '9999' NO LONGER SUPPORTED - USE '0' TO DISABLE ____

Source: DOB Supervisor Tasks

Explanation: The special value of 9999 for the indicated interval parameter is no longer supported. This value was used in previous releases to disable the indicated parameter.

Effective with this release, a value of 0 is used to disable an interval value. This message is only a warning. The indicated parameter is still disabled.

Action: Modify the Data Object Broker initialization parameter indicated in the message, replacing the value of 9999 with 0.

S6BKS140I

REFER TO DATA OBJECT BROKER PARMS IN INSTALLATION MANUAL

Source: DOB Supervisor Tasks

Explanation: An error was detected in your Object Service Broker initialization parameters.

Action: Refer to the Job message log for preceding specific parameter error(s). Refer to the Object Service Broker Documentation for parameter syntax, spelling, ranges, defaults.

S6BKS141I

RESIDENT CTABLE VALUE INCREASED BASED ON MAXTHREADS

Source: DOB Supervisor Tasks

Explanation: During the initialization of the Data Object Broker, it was determined that the number of resident CTABLEs was too low for the maxthread limit set. In an attempt to keep physical CTABLE builds to a minimum, the CTABRESIDENT parameter value has been overridden. The value is increased to the maxthread limit or the maximum allowable resident CTABLEs, whichever is lower.

Action: Adjust the CTABRESIDENT parameter to avoid the message in the future.

S6BKS142E

PAGESWEEP ACTION MUST BE "LOG/NOLOG", "SMF/NOSMF" OR "DUMP/NODUMP", CORRECT AND RETRY

Source: DOB Supervisor Tasks

Explanation: The PAGESWEEP ACTION parameter is invalid.

Action: Correct the parameter and restart the Data Object Broker.

S6BKS143E

PAGESWEEP ACTION WAS NOT SPECIFIED WHEN EXPECTED BASED ON PAGESWEEPLIMIT

Source: DOB Supervisor Tasks

Explanation: The PAGESWEEPLIMIT and PAGESWEEP ACTION are related parameters. Either both must exist or neither should.

Action: Correct the parameters and restart the Data Object Broker.

S6BKS144E

PAGESWEEP ACTION SPECIFIED SMF REPORTING BUT THE SMFRECORD PARAMETER OMITTED OR 0

Source: DOB Supervisor Tasks

Explanation: The PAGESWEEP ACTION specifies that an SMF record should be cut and the PAGESWEEPLIMIT threshold is exceeded.

Action: Either select a new PAGESWEEP ACTION or specify a valid SMFRECORD number.

S6BKS145E

XCF MEMBER NAME AND GROUP NAME BOTH SET TO

Source: DOB Supervisor Tasks

Explanation: The XCF member name and group name must be different

Action: Correct the Data Object Broker parameters

S6BKS200W

TRANSACTION ABORTED

Source: DOB Supervisor Tasks

Explanation: An Object Service Broker transaction has aborted. Depending on the type of database access (QUERY/COMMIT) and the settings of the control flags (SNAPQUERY/SNAPOFF) a snap dump may be produced for diagnosis. Object Service Broker standard recovery is taken.

Action: Look for and investigate associated write-to-operator messages and any snap dumps. Corrective action is indicated if messages are frequent or related to important tables, or if application problems result.

S6BKS201L

T TRX=_____ USER=_____ SEG=_____
PAGE=_____ TBL=_____

Source: DOB Supervisor Tasks

Explanation: This message accompanies a transaction abend in order to help identify the problem. Included in the message is the: transaction type, transaction number, userid, requested segment id, requested page number, calling program and table name.

Action: No action is required.

S6BKS210W

DAIR ERROR ____/____ FOR SNAP SYSOUT

Source: DOB Supervisor Tasks

Explanation: A dynamic allocation error occurred for an Object Service Broker snap dump SYSOUT file. The snap dump cannot be printed. Object Service Broker execution continues. The first code is the error reason code, and the second code is the information code. For an explanation of the codes, refer to the appropriate IBM manual that describes dynamic allocation (SVC99) and its functionality.

Action: Look up the codes and take corrective action, if possible. Operator MODIFY commands are available to change the SYSOUT class (SNAPCLASS) or remote printer (SNAPREMOTE). Contact the System Programmer responsible for Object Service Broker if the problem persists.

S6BKS211W

DAIR ERROR ____/____
DSN='_____._____._____'

Source: DOB Supervisor Tasks

Explanation: A dynamic allocation error occurred for an Object Service Broker snap dump data set. The snap dump cannot be printed. Object Service Broker execution continues. The first code is the error reason code and the second code is the information code. For an explanation of the codes, refer to the appropriate IBM manual that describes dynamic allocation (SVC99) and its functionality.

Action: Look up the codes and take corrective action, if possible. Operator MODIFY commands are available to change the target volume (SNAPVOLUME). Contact the system programmer responsible for Object Service Broker if the problem persists.

S6BKS212W**OPEN FAILED FOR SNAP SYSOUT****Source:** DOB Supervisor Tasks**Explanation:** The snap dump cannot be printed. Object Service Broker execution continues.**Action:** Use the operator MODIFY command`SNAPOVERRIDE=Yes`

to direct snap dumps to a data set and compare results. Contact TIBCO Support if the problem persists.

S6BKS213W**OPEN FAILED FOR SNAP DATASET****Source:** DOB Supervisor Tasks**Explanation:** No snap dump is printed. Object Service Broker execution continues.**Action:** Investigate with particular attention to the allocation and DCB of the data set. Use the operator MODIFY command:`MODIFY command SNAPOVERRIDE=No`

to direct snap dumps to a SYSOUT class and compare results. Contact TIBCO Support if the problem persists.

S6BKS215W**SNAPDSN DYNALLOC FAILED, WILL SNAP TO PRINTER****Source:** DOB Supervisor Tasks**Explanation:** You entered one of the following commands:`F jobname ,SNAPOVERRIDE=Yes``F jobname ,SNAPVOLSER=volume`

Trial allocation of a snap disk data set failed and SNAPS are routed to SYSOUT. Some routine causes of this problem include:

- Invalid data set high-level qualifiers

- A nonexistent disk volume
- Insufficient space on the volume

Action: A DAIR ERROR message accompanies this message and provides error reason codes. Operator MODIFY commands are available to change the target volume (SNAPVOLUME).**S6BKS311E****USEREXIT PARAMETER IS INCONSISTENT****Source:** DOB Supervisor Tasks**Explanation:** If the USEREXIT parameter value was Y then the user exit initialization module was not found during system initialization. If the USEREXIT parameter value was N then the user exit initialization module was found during system initialization. System initialization is terminated.**Action:** Contact the Object Service Broker system administrator.**S6BKS312I****USER EXITS HAVE BEEN ACTIVATED****Source:** DOB Supervisor Tasks**Explanation:** Any user exits activated by INITIALIZATION user exit routine USRX0000 will be taken during subsequent Data Object Broker processing.**Action:** No action is required.

S6BKS313E

INITIALIZATION USER EXIT FAILED, DOB START-UP WILL FAIL

Source: DOB Supervisor Tasks

Explanation: USRX0000 returned a nonzero return code in GPR 15. The Data Object Broker is terminated with a U0049 abend.

Action: Contact the Object Service Broker system administrator.

S6BKS400I

XCF INITIALIZATION COMPLETED

Source: DOB Supervisor Tasks

Explanation: The XCF control task has started

Action: None

S6BKS401E

XCF INITIALIZATION FAILED

Source: DOB Supervisor Tasks

Explanation: The XCF control task has not started. Other messages will indicate the reason for this failure. Data Object Broker initialization will be terminated

Action: Correct the error and restart the Data Object Broker

S6BKS402E

UNDEFINED EVENT CODE X" ____"

Source: DOB Supervisor Tasks

Explanation: The Object Service Broker XCF Control task received a request code which it is not defined to handle. The request is ignored.

Action: Contact TIBCO Support

S6BKS403E

EVENT (____) REJECTED IN XCFTASK, DOB TERMINATING'

Source: DOB Supervisor Tasks

Explanation: XCFTASK received an event to process "xxxx" and the Data Object Broker had started the termination process. The "termtype" value can be either "NORMALLY" indicating a SHUTDOWN request was issued or "ABNORMALLY" indicating a task abended. The requested event processing is ignored.

Action: Wait for the termination to complete and then recycle the Data Object Broker.

S6BKS404I

GROUP STATUS FOR XCF GROUP gggggggg

Source: DOB Supervisor Tasks

Explanation: Output from a Memberlist Data Object Broker command. gggggggg is the XCF group to which the Data Object Broker belongs

Action: No action required.

S6BKS405I

MEMBER JOBNAME SYSTEM SYSTEM STATE USER STATE

Source: DOB Supervisor Tasks

Explanation: Memberlist display heading

Action: No action required.

S6BKS406I

Source: DOB Supervisor Tasks

Explanation: Memberlist display heading

Action: No action required.

S6BKS407I

mmmmmmmm jjjjjjjj xxxxxxxx ssssssss t
uuuuuuuu

Source: DOB Supervisor Tasks

Explanation: Output from a Memberlist Command. One line for each member in the XCF group

- mmmmmmm XCF Member name
- jjjjjjj Job Name
- xxxxxxxx System Name
- ssssssss System State
- t Member Type
 - P Primary Data Object Broker
 - S Secondary Data Object Broker
 - M Message Switch
- uuuuuu User State

Action: No action required.

S6BKS408E

XCF REQUEST aaaaaaa FAILED RETURN
CODE hhhh REASON CODE jjjj

Source: DOB Supervisor Tasks

Explanation: An XCF request failed.

Action: Look up the return and reason code in appropriate IBM z/OS Sysplex Services Reference manual. If you are unable to determine the cause of error message contact TIBCO Support.

S6BKS409E

SWITCH REQUEST FAILED

Source: DOB Supervisor Tasks

Explanation: An operator initiated switch has failed.

Action: Other messages will have been issued indicating the reason for the failure. If you are still unable to determine the cause of the switch failure contact TIBCO Support. The system will terminate the switch process

S6BKS410E

SUITABLE DATA OBJECT BROKER NOT
FOUND

Source: DOB Supervisor Tasks

Explanation: A switch command was entered but a valid target Data Object Broker could not be located

Action: Ensure a suitable target Data Object Broker is available for the SWITCH command

S6BKS411E

IXCQUERY ____ RECORDS NOT RETRIEVED

Source: DOB Supervisor Tasks

Explanation: As part of an IXCQUERY issued by XCFTASK a number of records were not returned by XCF.

Action: Contact TIBCO Support.

S6BKS412E**ACTIVE PRIMARY DATA OBJECT BROKER
LOCATED**

Source: DOB Supervisor Tasks

Explanation: A SWITCH command was entered for a secondary Data Object Broker but there was already an active primary Data Object Broker in the group

Action: Issue the SWITCH command via the Primary Data Object Broker.

S6BKS413E**INVALID STATE FOR SWITCH**

Source: DOB Supervisor Tasks

Explanation: A SWITCH command was issued to a Data Object Broker that was not able to accept it for one of the following reasons:

- For the Primary Data Object Broker it was not in a READY1 state.
- For the Secondary Data Object Broker it was not in either a READY2 or NSWITCH2 state.

Action: Use the XCF display command to determine the state of the Data Object Broker and wait until the Data Object Broker enters the desired state.

S6BKS414E**SWITCH REQUEST FAILED TARGET
_____ IN INVALID STATE**

Source: DOB Supervisor Tasks

Explanation: The target of a SWITCH was not in the correct state for the SWITCH command to continue processing.

Action: The SWITCH is cancelled. Re-issue the SWITCH command to a target Data Object Broker to accept a SWITCH.

S6BKS415I**SWITCH WAITING FOR FOLLOWING
MEMBERS OF GROUP _____**

Source: DOB Supervisor Tasks

Explanation: A SWITCH is in progress and some members of the XCF group have not completed the SWITCH in a timely manner. A list of members delaying the switch completion follows this message.

Action: Try to determine the reason the listed XCF group members have not completed the SWITCH and correct them. Otherwise contact TIBCO Support.

S6BKS416I**SWITCH COMMENCED TO TARGET
_____**

Source: DOB Supervisor Tasks

Explanation: A SWITCH has commenced to the target Data Object Broker.

Action: No action required.

S6BKS417E**SWITCH DISALLOWED:**

Source: DOB Supervisor Tasks

Explanation: The secondary Data Object Broker cannot be the target of a switch command for one of the following reasons:

- **DATABASE DEFINITION DATASETS NOT IDENTICAL:** The DBD dataset is not identical to that of the current Primary Data Object Broker.
- **PARAMETER DIFFERENCES FOUND:** One of the following parameters was not identical to that of the current Primary Data Object Broker:
 - NODENAME

- MAXUSERS
- LOCKBUFFERS

Action: See also messages KS420, KS421 and KS422 for details. Either terminate the Secondary Data Object Broker and correct the error or if a SWITCH is to be allowed ignoring the differences then use SWITCH command ALLOW option to ignore the differences. WARNING only do this if you are sure that the differences will not impact the system. For example to increase the number of users, buffers or to add extra datasets to the DBD. Attempting to reduce any of the parameters may cause the system to fail.

S6BKS418E

SWITCH=ALLOW FAILED:

Source: DOB Supervisor Tasks

Explanation: The SWITCH ALLOW command failed for the following reason:

1. ALLOW NOT SUPPORTED FOR PRIMARY
2. SWITCH ALREADY ALLOWED
3. DATA OBJECT BROKER STATUS NOT NSWITCH:
4. STATUS SET FAILED

Action:

1. No action required
2. No action required
3. Determine current status using the MEMBERLIST command. If still unable to determine the cause contact TIBCO support.
4. Contact TIBCO Support

S6BKS419I

SWITCH=ALLOW SUCCESSFUL

Source: DOB Supervisor Tasks

Explanation: A SWITCH command has completed

Action: No action required.

S6BKS420I

**MEMBER NODENAME DBDJOB DATE TIME
MAXUSERS LOCKBUFFERS**

Source: DOB Supervisor Tasks

Explanation: Heading for KS421

Action: No action required.

S6BKS421I

Source: DOB Supervisor Tasks

Explanation: Heading for KS422

Action: No action required.

S6BKS422I

**mmmmmmmm nnnnnnnn jjjjjjjj dddddd tttttt
xxxx llll**

Source: DOB Supervisor Tasks

Explanation: Informational message following error message KS417

- mmmmmmmm XCF DOB group member name
- nnnnnnnn DOB Node name
- jjjjjjjj Job name that generated the DBD
- dddddd Date the DBD was generated
- tttttt Time the DBD was generated
- xxxx MAXUSER parameter

- IIII LOCKBUFFERS parameter

Action: No action required.

KX: DOB Checkpoint Tasks

S6BKX001E

VSAM HEX REQ=__ RC=__ FB=__
R15=_____

Source: DOB Checkpoint Tasks

Explanation: A VSAM error occurred during checkpoint processing. Standard z/OS system messages of the form IECxxx accompany the Object Service Broker message.

Action: Contact the Object Service Broker System Administrator. VSAM return codes are documented in the IBM z/OS DFP VSAM Macro Instructions.

S6BKX002I

DSN='_____.'_____.'_____...'

Source: DOB Checkpoint Tasks

Explanation: This message is issued to indicate the name of a data set on which an action is being performed, or for which an error has occurred.

Action: Refer to the associated messages to determine whether further action should be taken.

S6BKX004A

JOURNAL PROPAGATION ERROR

Source: DOB Checkpoint Tasks

Explanation: Object Service Broker internal logic error. The number of pages written to the Journal do not match the number of pages written to the Pagestore. The message will be followed by a user 105abend.

Action: Contact TIBCO Support with the following information:

- A printout of the Data Object Broker initialization parameters
- A list of any maintenance (including field modifications) made to the Data Object Broker beyond that included in PUT07
- The dump at the time the Data Object Broker fails
- The output from S6BTLDDBR run immediately after the Data Object Broker fails
- The output from S6BTLPCA run immediately after the Data Object Broker fails
- A copy of the failing journal data set

Restart the Data Object Broker; restart recovery will correct the problem.

S6BKX005A**NO ALTERNATE JOURNAL AVAILABLE -
SYSTEM QUIESCED FOR COMMITS****Source:** DOB Checkpoint Tasks**Explanation:** The system is preparing to spin the journal and no alternate journal is available because the alternate journal was taken off-line. The Data Object Broker does not accept any more commits until such time as a journal becomes available.**Action:** Determine why the alternate journal was taken offline and make one available. Note: As soon as the current spin completes, the quiesce will be reset.**S6BKX006A****ALL JOURNALS FULL - SYSTEM QUIESCED
FOR COMMITS****Source:** DOB Checkpoint Tasks**Explanation:** All Journal space has been used and COMMIT processing is suspended - Object Service Broker is quiesced.**Action:** Display the current situation with the command:`MODIFY jobname,JOURNALSTATUS`

Check for a Journal offload (spin) job awaiting execution, requiring a tape mount, or failed, and resolve the situation immediately. As soon as the spin job completes successfully, QUIESCE status is automatically removed.

Manual intervention by using the command:

`MODIFY jobname,RESUME`

cancels the QUIESCE state, but leaves your continuous backups in an indeterminate state.

S6BKX007A**ACTIVE JOURNAL ___% FULL - SPIN
REQUIRED FOR JOURNAL _****Source:** DOB Checkpoint Tasks**Explanation:** The currently active Journal is nearing the end of its extent, and the alternate Journal is still offline. When this Journal reaches 100% capacity, message S6BKX006A will be issued and the Data Object Broker will stop accepting COMMIT requests.**Action:** Display the current situation with the command:`MODIFY jobname,JOURNALSTATUS`

Check for a Journal offload (spin) job awaiting execution, requiring a tape mount, or failed, and resolve the situation immediately. As soon as the spin job completes successfully, this condition will be relieved.

S6BKX008A**JOURNAL ___ SPIN IN PROCESS****Source:** DOB Checkpoint Tasks**Explanation:** A Journal backup is being taken. The Journal is now offline to Object Service Broker. A system task or job is submitted automatically to offload this filled Journal. When the offload is complete the S6BSPJEX utility will notify the Data Object Broker to bring the Journal back online.**Action:** No action is usually required, unless other messages indicate a problem.

S6BKX009A

JRNL ___ SPIN:JOB=_____ PG=_____
 STATUS= _- _ DUR= _: _ CHT= _____ -

Source: DOB Checkpoint Tasks

Explanation: A Journal backup is signalled finished. The Journal is ready for Object Service Broker use. It becomes active when it is the next available journal after a spin is initiated.

Action: No action is required.

S6BKX010E

UNDEFINED EVENT CODE X'_____'

Source: DOB Checkpoint Tasks

Explanation: The Checkpoint task detected the completion of an unknown event.

Action: Contact TIBCO Support.

S6BKX011A

JOURNAL SPINS DEFERRED - SPIN
 REQUIRED FOR JOURNAL _

Source: DOB Checkpoint Tasks

Explanation: The currently active Journal has exhausted its available space and needs to be spun; however, the operator has requested (via the SPINENABLE command) that Journal spins are to be delayed until a more appropriate time. The filled journal is taken offline.

Action: When spins are to once again be processed, the SPINENABLE command must be issued to inform the Data Object Broker of the change in status:

MODIFY jobname, SPINENABLE=Y

When this command is issued, the spin job for the offline Journal will be submitted or started as appropriate.

S6BKX012I

NO PAGE UPDATES FOUND

Source: DOB Checkpoint Tasks

Explanation: No page updates were found for the current checkpoint. This may occur during Object Service Broker shutdown if no activity occurred since the previous checkpoint.

Action: No action required.

S6BKX013I

RPE CHAIN IN ERROR

Source: DOB Checkpoint Tasks

Explanation: Object Service Broker internal logic error. The resident page entry chain is incorrect. The system shuts down.

Action: Contact TIBCO Support.

S6BKX014I

UNABLE TO SCHEDULE LAST CHPT

Source: DOB Checkpoint Tasks

Explanation: Object Service Broker cannot issue a final checkpoint because a checkpoint is still in progress. No action is taken.

Action: Retry the shutdown command.

S6BKX015W

SHUTDOWN INITIATED

Source: DOB Checkpoint Tasks

Explanation: Object Service Broker is shutting down as requested.

Action: No action required.

S6BKX016W**EXCP FAILURE X'__'****Source:** DOB Checkpoint Tasks**Explanation:** An I/O error occurred during the writing of a checkpoint.**Action:** Do the following:

1. Contact the Object Service Broker System Administrator in case there is a hardware problem.
2. Contact TIBCO Support.

S6BKX017E**INVALID DEVICE CLASS FOR CACHE****Source:** DOB Checkpoint Tasks**Explanation:** This message occurs during initialization if the cache is not cataloged on an appropriate device.**Action:** Change the device for the cache to a direct access device.**S6BKX018E****JOURNAL NOT PREFORMATTED****Source:** DOB Checkpoint Tasks**Explanation:** Either no Journals are available, or the Journal size is less than 10 cylinders. A Journal size of at least 50 cylinders is recommended. A Journal size of less than 10 cylinders is not permitted. Object Service Broker does not startup.**Action:** Do the following:

1. Check if an associated message S6BDA013E was issued. If it was, take appropriate action to make Journals available.
2. If S6BDA013E was not issued, increase the Journal size. A Journal offload (spin) may be required.

S6BKX019E**INSUFFICIENT STORAGE FOR CACHE BUFFER****Source:** DOB Checkpoint Tasks**Explanation:** The system failed to get storage for a cache buffer. The system shuts down.**Action:** Contact the Object Service Broker system administrator to increase the region size through the Object Service Broker JCL.**S6BKX020E****CACHE DATASET NOT FOUND****Source:** DOB Checkpoint Tasks**Explanation:** The cache data set identified to Object Service Broker is not found.**Action:** Contact the Object Service Broker system administrator.**S6BKX021E****CACHE READ ERROR****Source:** DOB Checkpoint Tasks**Explanation:** The system tried to read the cache and failed. This is probably an I/O error.**Action:** Contact the Object Service Broker system administrator about a possibly bad device.**S6BKX022E****CHPT RECOVERY ERROR****Source:** DOB Checkpoint Tasks**Explanation:** During initialization or recovery, the system tried to recover a page that is not logically within the defined extents of Pagestores.**Action:** Contact the Object Service Broker system administrator to check the DBGEN. Also, verify that the page should be recovered.

S6BKX023I**CHPT RECOVERY IN PROGRESS****Source:** DOB Checkpoint Tasks**Explanation:** The Checkpoint task is recovering a checkpoint.**Action:** No action required.**S6BKX024I****VSAM I/O ERROR ON CHPT RECOVERY****Source:** DOB Checkpoint Tasks**Explanation:** During recovery, a VSAM I/O error occurred.**Action:** Contact the Object Service Broker System Administrator to investigate a possible hardware error.**S6BKX025I****_____ PAGES RECOVERED****Source:** DOB Checkpoint Tasks**Explanation:** The message indicates the number of pages that are recovered.**Action:** No action required.**S6BKX026E****UNABLE TO OPEN SPIN JCL MEMBERS - MEMBER NAME PREFIX TOO LONG****Source:** DOB Checkpoint Tasks**Explanation:** During initialization, the Data Object Broker was not able to load the SPIN job JCL due to the value specified for the SPINMEMBER initialization parameter. This

value cannot exceed (8 - the number of digits in the highest numbered journal data set ID) characters in length. Data Object Broker initialization is terminated.

Action: Correct the value specified for the SPINMEMBER initialization parameter and restart the Data Object Broker.**S6BKX027E****SPIN JCL DAIR ERROR ____/____ MEMBER='_____'****Source:** DOB Checkpoint Tasks**Explanation:** During Object Service Broker initialization, SPIN JCL is loaded for later submission. A dynamic allocation error occurred for the indicated SPINDSNAME member. The first code is the error code, and the second code is the information code. Object Service Broker initialization continues. Unless the problem is resolved and Object Service Broker is shut down and restarted, automatic Journal spin job submission does not function. An explanation of the codes is in the IBM Application Development Guide for z/OS system programming.**Action:** Do the following:

1. Verify that the indicated member is in the SPINDSNAME data set.
2. Refer to the appropriate z/OS manual for an explanation of the error and information codes.
3. If the problem cannot be resolved, contact TIBCO Support.
4. When the situation is resolved, do one of the following: shut down and restart Object Service Broker to restore automatic spin job submission, or be prepared to submit spin jobs manually.

S6BKX028E**SPIN JCL _____ DCB FAILED TO OPEN****Source:** DOB Checkpoint Tasks

Explanation: During Object Service Broker initialization, SPIN JCL is loaded for later submission. The OPEN for the indicated spin data set member has failed. Object Service Broker initialization continues. Unless the problem is resolved and Object Service Broker is shut down and restarted, automatic Journal spin job submission does not function.

Action: Investigate possible SPINDSNAME specification error or deleted data set. When the situation is resolved, do one of the following: shut down and restart Object Service Broker to restore automatic Journal spin job submission, or be prepared to manually submit spin jobs.

S6BKX029E**SPIN JCL _____ STORAGE BUFFER GETMAIN FAILED****Source:** DOB Checkpoint Tasks

Explanation: During Object Service Broker initialization, SPIN JCL is loaded for later submission. The request for storage in which to load the SPIN JCL has failed. The required amount of virtual storage may not be available. Object Service Broker initialization continues. Unless the problem is resolved and Object Service Broker is shut down and restarted, automatic Journal spin job

submission does not function. It is unlikely that an Object Service Broker system that cannot obtain enough virtual storage to load its SPIN JCL can function successfully.

Action: Increase the Object Service Broker Data Object Broker memory specification (REGION=). Shut down and restart Object Service Broker to restore automatic Journal spin job submission, or be prepared to submit spin jobs manually.

S6BKX030E**SPIN JCL _____ LINECOUNT EXCEEDS STORAGE CAPACITY****Source:** DOB Checkpoint Tasks

Explanation: During Object Service Broker initialization, SPIN JCL is loaded for later submission. Sufficient storage for 300+ JCL cards per spin job is obtained, not including comment cards which are discarded to conserve space. The number of cards supplied for the indicated member exceeds this capacity. Object Service Broker initialization continues. Unless the problem is resolved and Object Service Broker is shut down and restarted, a partial JCL deck is submitted whenever the Journal fills.

Action: 300 cards are sufficient for any normal spin process. It is recommended that the JCL loaded consist of job cards and EXEC procedure cards only, with the necessary procedure stored in a PROCLIB. This greatly reduces the card count, and if JCL errors occur, most can be corrected without reloading the SPIN JCL decks.

S6BKX031E**SPIN JCL _____ IS EMPTY, INVALID, OR MISSING****Source:** DOB Checkpoint Tasks

Explanation: During Object Service Broker initialization, SPIN JCL is loaded for later submission. The indicated member is empty, invalid, or missing. Object Service Broker

initialization continues. Unless the problem is resolved and Object Service Broker is shut down and restarted, automatic Journal spin job submission does not function.

Action: Provide suitable JCL. When the situation is resolved, do one of the following: shut down and restart Object Service Broker to restore automatic Journal spin job submission, or be prepared to submit spin jobs manually.

S6BKX032A

SPIN ____ DAIR ERROR ____/____ INTERNAL READER

Source: DOB Checkpoint Tasks

Explanation: A dynamic allocation error occurred while attempting to allocate an internal reader during automatic spin job submission. The first code is the error code, and the second code is the information code. For an explanation of the codes, refer to the appropriate IBM manual that describes dynamic allocation (SVC99) and its functionality.

Action: Manually submit the required Journal spin job. Contact the System Programmer.

S6BKX033A

SPIN ____ INTERNAL READER DCB OPEN FAILED

Source: DOB Checkpoint Tasks

Explanation: The system tried to open the reader and failed. This is probably a JES problem.

Action: Manually submit the required Journal spin job. Contact the System Programmer.

S6BKX034A

SPIN ____ JCL NOT AVAILABLE TO SUBMIT

Source: DOB Checkpoint Tasks

Explanation: A Journal data set exceeded its primary extent and is now using secondary extents. An attempt was made to automatically submit a Journal spin job to offload the filled Journal. Presumably due to an error at initialization time, no suitable SPIN JCL was found to submit.

Action: Do the following:

1. Manually submit the required Journal spin job
2. Investigate and resolve any initialization errors, see the message log.
3. When the situation is resolved, do one of the following:
 - Manually shut down and restart Object Service Broker to restore automatic Journal spin job submission
 - Be prepared to submit spin jobs manually

If there were no initialization errors, contact TIBCO Support.

S6BKX040E

REQUIRED JOURNAL DATASET FAILED TO OPEN

Source: DOB Checkpoint Tasks

Explanation: The ACTIVE Journal data set failed initialization during system startup. Accompanying messages will indicate the failing Journal data set, and the reason for the failure.

Action: Take corrective action as indicated by the accompanying messages.

S6BKX042E**INSUFFICIENT SPACE AVAILABLE IN JOURNAL DATASET****Source:** DOB Checkpoint Tasks**Explanation:** There is not sufficient space defined in the Journal data set being brought online to support checkpoint activities.**Action:** Consult the Installation and Operations manual for information on defining the Journal data sets.**S6BKX043I****JOURNAL SPINS ENABLED****Source:** DOB Checkpoint Tasks**Explanation:** This message indicates that the spin process has completed its processing of the offline journal, and that the Journal data set has been successfully brought online to the Data Object Broker. The Data Object Broker is now able to process journal SPIN requests.**Action:** No action required.**S6BKX044E****INITIALIZATION OF JOURNAL ____ FAILED****Source:** DOB Checkpoint Tasks**Explanation:** The Data Object Broker was unable to bring the indicated Journal data set on line. Refer to the accompanying messages to determine the cause of the initialization failure.**Action:** Correct the problem indicated by the associated messages, and then use the JOURNALONLINE operator command to make the Journal data set available to the Data Object Broker.**S6BKX045A****SPIN JCL FOR JOURNAL _____ RELOADED****Source:** DOB Checkpoint Tasks**Explanation:** This message is issued to confirm that the SPIN JCL for the indicated journal data set has been successfully reloaded as requested by the operator.**Action:** No action required.**S6BKX046E****SPIN JCL RELOAD FOR JOURNAL ____ FAILED****Source:** DOB Checkpoint Tasks**Explanation:** The reloading of the SPIN JCL for the indicated journal has failed. Scan the Data Object Broker's job log for indications as to why the process terminated.**Action:** If possible correct the source of the failure and retry the command.**S6BKX051L****START CHECKPOINT - ' _____ '****Source:** DOB Checkpoint Tasks**Explanation:** A checkpoint started. The checkpoint number, the timestamp stored in the Pagestore records and journals, and whether the timestamp is Local or UTC is included in the message.**Action:** No action is required.

S6BKX052L

END CHECKPOINT - ' _____ ' COUNT= _____ '

Source: DOB Checkpoint Tasks

Explanation: The checkpoint was successful. The checkpoint number, the timestamp stored in the Pagestore records and journals, and whether the timestamp is Local or UTC is included in the message. Count is the number of pages written by this checkpoint.

Action: No action is required.

S6BKX053E

**CHECKPOINT USER EXIT FAILURE
DETECTED, DOB ABNORMALLY
TERMINATED**

Source: DOB Checkpoint Tasks

Explanation: The Checkpoint Start user exit returned a nonzero return code in GPR 15. The Data Object Broker is terminated with a U107abend.

Action: Contact the Object Service Broker system administrator.

S6BKX054W

SPIN REQUIRED FOR JOURNAL_

Source: DOB Checkpoint Tasks

Explanation: During Object Service Broker initialization, it was discovered that the indicated Journal was also being processed by a Journal spin job when the system terminated, and no notification was given to

Object Service Broker that the spin had completed. Object Service Broker initialization continues, and the Journal is taken offline.

Action: Determine the status of the last spin job for the indicated Journal and take the appropriate action. If the spin job completed successfully, you can use the SPINENABLE operator command to make the Journal available to Object Service Broker.

S6BKX055E

JOURNAL NOT ENABLED

Source: DOB Checkpoint Tasks

Explanation: While trying to enable an offline Journal, Object Service Broker encountered a condition that made it impossible to bring the Journal online.

Action: From the accompanying messages, determine the cause of the failure and take the appropriate action for the error. Once the cause of the failure has been corrected, the Journal can be brought online with the SPINENABLE operator command.

S6BKX056E

**CHECKPOINT CACHE USER EXIT FAILURE
DETECTED, DOB ABNORMALLY
TERMINATED**

Source: DOB Checkpoint Tasks

Explanation: The Cache Complete user exit returned a nonzero return code in GPR 15. The Data Object Broker is terminated with a U107abend.

Action: Contact the Object Service Broker system administrator.

S6BKX057W**PAGE LIMIT REDUCED - EXCEEDS 15% OF RESIDENT PAGES****Source:** DOB Checkpoint Tasks

Explanation: The value specified for the CHPAGELIMIT initialization parameter must not exceed 15% of the Resident Page Directory as defined by the RESIDENTPAGES initialization parameter. The value of CHPAGELIMIT has been automatically reduced so as to conform to this requirement.

Action: Adjust the CHPAGELIMIT parameter or the RESIDENTPAGES parameter or both so that this condition is addressed.

S6BKX059W**_____ REDUCED - INSUFFICIENT SPACE IN _____ DATA SET****Source:** DOB Checkpoint Tasks

Explanation: The value specified for the initialization parameter indicated by this message is too large to be supported by the indicated data set.

Action: Adjust the indicated initialization parameter to relieve this condition, or increase the amount of space available to the indicated data set. Consult the Installation and Operations manual for further information.

If the data set is a cache, it must be big enough to hold at least a full checkpoint's worth of data pages.

If the data set is a journal, it must be big enough to hold at least 3 full checkpoints' worth of data pages.

S6BKX060I**CHECKPOINT MAXIMUM PAGES = _____, TRANSACTIONS = _____****Source:** DOB Checkpoint Tasks

Explanation: This message is provided for informational purposes only and is issued to confirm the thresholds set for the maximum size of a Checkpoint.

Action: No action is required.

S6BKX061I**GETMAIN FOR JOURNAL I/O BUFFER FAILED****Source:** DOB Checkpoint Tasks

Explanation: Data Object Broker initialization was unable to obtain the Virtual Storage needed for the Journal I/O buffer.

Action: Provide more Virtual Storage to the Data Object Broker. Consult the Installation and Operations manual for further information.

S6BKX062E**CANNOT SPIN JOURNAL ____ - NO ALTERNATE JOURNAL AVAILABLE****Source:** DOB Checkpoint Tasks

Explanation: During Data Object Broker initialization, it was determined that the active journal was full and needed to be spun. The Data Object Broker cannot switch to the alternate journal because this journal is offline.

Action: Determine why the alternate journal is offline. Correct the situation and restart the Data Object Broker. Alternatively, the full active journal could be spun manually while the Data Object Broker is down.

S6BKX063W**JOURNAL ___ WAITING FOR SPIN****Source:** DOB Checkpoint Tasks

Explanation: During Data Object Broker initialization, an incomplete spin was detected for the indicated journal data set. The data set remains offline to the Data Object Broker until the spin is completed.

Action: Determine why the spin has not completed. If the SPIN had failed, submit the spin job manually to clear the data set.

S6BKX064I**JOURNAL ___ NOW****Source:** DOB Checkpoint Tasks

Explanation: This message is issued to confirm the completion of a journal vary command. The journal and its new status are displayed in the message text.

Action: No action required.

S6BKX066A**CACHE DATASET OPEN FAILURE DETECTED****Source:** DOB Checkpoint Tasks

Explanation: When attempting to open the cache data set to identify the previous checkpoint a failure was detected.

Action: Review the joblog for information and correct the problem.

S6BKX067I**SEGMENT % PAGE %****Source:** DOB Checkpoint Tasks

Explanation: This message indicates which page number and segment number is causing the subsequent S6BKX022 message.

Action: If this message appears while you are recovering after a restart with no redolog, modify the DBDGEN to include the segment as online at initialization.

S6BKX068W**parameter SET BASED ON SPACE AVAILABLE IN THE dataset DATASET****Source:** DOB Checkpoint Tasks

Explanation: The value of the specified parameter is set automatically based on the calculated maximum capacity of the specified data set.

Action: No action is required.

S6BKX069I**SYSTEM IS FROZEN: %****Source:** DOB Checkpoint Tasks

Explanation: As a result of a Freeze command, the system has entered the frozen state.

Action: No action is required.

S6BKX070I**SYSTEM IS UNFROZEN: %****Source:** DOB Checkpoint Tasks

Explanation: As a result of an UNFREEZE command, the system has resumed processing.

Action: No action is required.

S6BKX071E**SPIN NOTIFICATION REPORTED ERROR rc-re JOB jobid**

Source: DOB Checkpoint Tasks

Explanation: The Data Object Broker received notification that a spin job had completed with a fatal error (return code 16 or higher). In the message:

- rc=Return code
- re=Reason code
- jobid=the identification number of the spin job that reported the fatal error

Action: Review the message in the spin job and take the appropriate action.

MN: osMon

S6BMN000E

Out of memory

Source: osMon

Explanation: A request by a process for storage failed because all the virtual memory is in use.

Action: Either run fewer processes on your system or add memory.

S6BMN001I

Unable to open the mon.prm file '%'

Source: osMon

Explanation: The attempt to open the mon.prm parameter file failed.

Action: Check the operating system error code to determine the reason for this failure. Note: Use of the mon.prm is optional.

S6BMN002I

Unable to open the ee.prm file '%'

Source: osMon

Explanation: The attempt to open the ee.prm parameter file failed.

Action: Check the operating system error code to determine the reason for this failure. Note: Use of the ee.prm is optional.

S6BMN004E

An invalid message type was received from an osee. It is ignored

Source: osMon

Explanation: The osMon process received an unrecognized message type from a child osee process.

Action: If this message persists, contact TIBCO Support.

S6BMN005E

A pipe read failed with error '%'

Source: osMon

Explanation: A read on a named pipe (or FIFO) failed.

Action: Examine operating system supplied error codes to determine reason for the failure.

S6BMN006L

osMon shutdown due to a CLOSE request

Source: osMon

Explanation: The osMon process shut down because it received a CLOSE request from another osMon process.

Action: No action is required.

S6BMN007E**Write on named pipe % failed****Source:** osMon**Explanation:** A write on a named pipe (or FIFO) failed.**Action:** Examine operating system supplied error codes to determine the reason for the failure.**S6BMN008E****System operation failed, '%'****Source:** osMon**Explanation:** The specified operating system operation failed.**Action:** Check the operating system error number provided with the message. It should indicate the reason for the failure.**S6BMN009E****Invalid data received on connection****Source:** osMon**Explanation:** An error was discovered in the data received from an inter-process communication connection.**Action:** Contact TIBCO Support.**S6BMN010L****Session (%) stopped with exit code (%) on EE [%]:%****Source:** osMon**Explanation:** Object Service Broker session stopped with specified exit code.**Action:** No action is required. If the exit code is more than 128, the session abended. Check exit code documentation in order to determine what the exit code signifies.**S6BMN011L****Session (%) started on EE [%]:%****Source:** osMon**Explanation:** The Object Service Broker session started on the specified Execution Environment.**Action:** No action is required.**S6BMN012E****Invalid session start notification received from EE [%]:%****Source:** osMon**Explanation:** When a session is started by an osMon, it sends the start request to a child osee process. After the child osee process spawns the thread for the session, it should notify the osMon process that the session has started. This message is generated when the osMon process receives a notification on a session that it has no record of initiating.**Action:** Recycle your osMon process. If this message persists, contact TIBCO Support.**S6BMN013E****Invalid session stop notification received from EE [%]:%****Source:** osMon**Explanation:** When a session initiated by an osMon process ends, the child osee process sends the parent osMon a notification. This message is generated if the osMon process receives notification on a session for which it has no record.**Action:** Recycle your osMon process. If this message persists, contact TIBCO Support.

S6BMN014W

EENAME [%] was not found in ee.prm.

Defaults used

Source: osMon

Explanation: An attempt was made to start a session with the session parameter EENAME set to a value that is not assigned to any NAME parameter in the ee.prm file.

Action: If your intention is to use the EENAME parameter to access a set of Execution Environment parameter settings in the ee.prm file, then add those settings, preceded by "NAME = <your EENAME value>".

S6BMN015L

osMon shutdown due to a STOP request

Source: osMon

Explanation: An osMon process shut down upon receipt of a STOP request from another osMon process.

Action: No action is required.

S6BMN016L

osMon shutdown due to a STOPALL request

Source: osMon

Explanation: An osMon process shut down upon receipt of a STOPALL request from another osMon process.

Action: No action is required.

S6BMN017L

Terminating due to signal %

Source: osMon

Explanation: An osMon process terminated upon receiving the specified signal.

Action: No action is required.

S6BMN018L

Terminating on request

Source: osMon

Explanation: An osMon process terminated because it received a request to do so.

Action: No action is required.

S6BMN019E

Terminating due to error

Source: osMon

Explanation: An osMon process terminated due to an error.

Action: If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.

S6BMN020L

Logon from %:%, user=%, terminal=%

Source: osMon

Explanation: This message is written to the log whenever a connection is established between an ActiveX Adapter client and an osee via an osMon process.

Action: No action is required.

S6BMN021E**Invalid data received on connection from %: %****Source:** osMon**Explanation:** An invalid request type was received by an osMon process from the specified client machine on the specified port number.**Action:** If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.**S6BMN022E****Unable to connect to osMon at port %, monitor may not be running****Source:** osMon**Explanation:** An attempt to make a socket connection to an osMon process listening on the specified port failed.**Action:** Check to see if the osMon process in question is running. Otherwise, contact your system administrator. This is likely a communications problem.**S6BMN023L****Connection to port % was rejected****Source:** osMon**Explanation:** An attempt to establish a connection by an ActiveX Adapter client failed.**Action:** If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.**S6BMN024L****Stop request sent to osMon with pid= %****Source:** osMon**Explanation:** This message is written to an osMon log whenever an osMon process sends a request to another osMon process to stop executing.**Action:** No action required.**S6BMN025E****Unable to send request****Source:** osMon**Explanation:** This message is sent to an osMon log if the corresponding process failed to execute a request.**Action:** If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.**S6BMN026L****CLOSE request sent to osMon with pid= %****Source:** osMon**Explanation:** A CLOSE request was sent to the osMon process whose process Id is specified in the message.**Action:** No action is required.

S6BMN027I

Could not find DEFAULT_MON_NAME system variable

Source: osMon

Explanation: The osMon process is unable to load the DEFAULT_MON_NAME system variable.

Action: Use the osconfig utility to change the value of the DEFAULT_MON_NAME parameter.

S6BMN028L

Session startup on PID=% completed

Source: osMon

Explanation: This message is written to an osMon log whenever the corresponding process successfully spawns the binary with the specified process ID.

Action: No action required.

S6BMN029E

Port % is in use, osMon may already be running

Source: osMon

Explanation: An attempt was made to start an osMon process with a MONPORT parameter equal to another osMon process that is running on the same machine.

Action: Start the osMon process with a unique MONPORT value with respect to the given machine.

S6BMN030L

osMon at port % has been stopped

Source: osMon

Explanation: This message is written to an osMon log whenever the corresponding osMon process successfully stops another osMon process.

Action: No action required.

S6BMN031E

Unable to stop osMon at port %, attempting to kill process

Source: osMon

Explanation: If a request is made of an osMon to stop another osMon process, it first attempts to contact the other osMon process and bring it down in a graceful manner. If this fails, this message is written to the log and an attempt is made to kill the other osMon process.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN032I

The DEFAULT_MON_NAME system variable (%) must be between 1 and 32 characters long

Source: osMon

Explanation: The DEFAULT_MON_NAME system variable must be at least 1 character and at most 32 characters long.

Action: Use the osconfig utility to change the value of the DEFAULT_MON_NAME variable.

S6BMN033L**Log file % was deleted****Source:** osMon

Explanation: The specified log file is deleted. Log files are automatically deleted when they are sufficiently old. See the documentation for details on the osMon DELETEDLOG parameter.

Action: No action is required.

S6BMN034E

Missing NAME parameter at line % in file %. Parameter assignment sets must begin with a NAME assignment

Source: osMon

Explanation: Parameter files consist of one or more parameter assignment sets. Each set must begin with a NAME assignment.

Action: Add a NAME assignment to the specified parameter file on the specified line.

S6BMN035L

Parameter reload request sent to osMon with pid=%

Source: osMon

Explanation: The osMon with the given process ID was sent the request to reload the Execution Environment and session parameters.

Action: No action is required.

S6BMN039E

osMon abended due to exception thrown at %: %

Source: osMon

Explanation: The Object Service Broker Monitor

S6BMN036E**Session startup failed****Source:** osMon

Explanation: The attempt by osMon to start a session failed.

Action: Check preceding messages in the osMon log for the failure.

S6BMN037W**Error occurred in idle shutdown thread****Source:** osMon

Explanation: An osMon process allocates a thread to keep track of how long each osee has been idle. This thread experienced an error.

Action: If the message repeats, assume the osMon is in an undefined state, and should be brought down as soon as possible.

S6BMN038E

osee abended. PID=% EE [%]: % Exit code %

Source: osMon

Explanation: The specified osee process abended with the specified exit code.

Action: Check the osee log file to determine the reason for the abend.

abended due to an internal (unexpected) exception.

Action: If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.

S6BMN040E

osMon abended

Source: osMon

Explanation: The Object Service Broker Monitor abended.

Action: If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.

S6BMN041E

Session (%) abended with exit code (%) on EE [%]:%

Source: osMon

Explanation: The specified session abended with the specified exit code.

Action: Check the session log and the osee log files to determine the reason for the abend.

S6BMN043E

Value of STOPEE parameter (%) must be either pid or eename:instance

Source: osMon

Explanation: The value of the STOPEE parameter must be either a process ID (i.e., a number) or an Execution Environment NAME immediately followed by a colon that is immediately followed by an Execution Environment INSTANCE number.

Action: Rerun the osMon process with the correct syntax for the STOPEE parameter.

S6BMN044E

Value of STOPSESS parameter (%) must be either pid:tid or eename:instance:instance

Source: osMon

Explanation: The value of the STOPSESS parameter must be either a processId:threadId (i.e., number:number) or an EENAME:Execution Environment instance number:Session instance number.

Action: Rerun the osMon process with the correct syntax for the STOPSESS parameter.

S6BMN045L

STOPSESS request received for session (%)

Source: osMon

Explanation: The osMon process received a STOPSESS request for the specified session.

Action: No action is necessary.

S6BMN046L

STOPEE request received for EE (%)

Source: osMon

Explanation: The osMon process received a STOPEE request for the specified Execution Environment.

Action: No action is necessary.

S6BMN047L

CLOSEEE request received for EE (%)

Source: osMon

Explanation: The osMon process received a CLOSEEE request for the specified Execution Environment.

Action: No action is necessary.

S6BMN050E

Failed to create main thread

Source: osMon

Explanation: An attempt by the service to create the main thread failed.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN051E

Failed to connect main thread to service control dispatcher

Source: osMon

Explanation: An attempt to connect the main thread to the service control dispatcher failed.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN052E

Failed to create or open the semaphore for stopall requests

Source: osMon

Explanation: An attempt to create or open an interprocess semaphore used for STOPALL requests failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN053E

Failed to open or post the semaphore for stopall requests

Source: osMon

Explanation: An attempt to open or post an interprocess semaphore used for STOPALL requests failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN054E

Failed to create or start the thread for stopall requests

Source: osMon

Explanation: An attempt to create or start the thread that waits for STOPALL requests failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN055E

Failed to create or start the delete log thread

Source: osMon

Explanation: An attempt to create or start the thread that deletes log files failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN056E

Failed to create or start the thread that waits for osee terminations

Source: osMon

Explanation: An attempt to create or start the thread that waits for the termination of osee processes failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN057E

Failed to create or start the thread that listens for osee messages

Source: osMon

Explanation: An attempt to create or start the thread that listens for messages from osee processes failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN058E

Failed to create or start the thread that services TN3270 clients

Source: osMon

Explanation: An attempt to create or start the thread that services TN3270 clients failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN059E

Failed to join with the thread that services TN3270 clients

Source: osMon

Explanation: An attempt to join with the thread that services TN3270 clients, that is, to wait for the termination of the thread, failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN060E

Failed to create or start a thread to service a client connection

Source: osMon

Explanation: An attempt to create or start a thread to process a client connection failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN061E

Failed to create or start a thread to shutdown idle osee processes

Source: osMon

Explanation: An attempt to create or start a thread to shutdown idle osee processes failed.

Action: Previous error messages and operating system error codes written to the log should explain the reason for the failure.

S6BMN099E

The value specified for the osMon SERVERS parameter is not valid

Source: osMon

Explanation: The osMon SERVERS parameter value does not conform to the syntax "<number1> <session name1> <number2> <session name2> ... <numberN> <session nameN>".

Action: Correct the SERVERS parameter value.

S6BMN100L

The % service was installed

Source: osMon

Explanation: The osMon service with the given name is successfully installed on the host.

Action: No action is required.

S6BMN101L

The % service was removed

Source: osMon

Explanation: The osMon service with the given name is successfully removed from the host.

Action: No action is required.

S6BMN102E

The % service could not be removed

Source: osMon

Explanation: An attempt to remove an osMon service failed.

Action: Check the operating system error code. Retry to remove the service. If all else fails, reboot.

S6BMN103E

The control handler could not be installed

Source: osMon

Explanation: The attempt to register the osMon service with the system failed.

Action: Retry to start the service. If that fails, reboot the system and retry. If that fails, contact TIBCO Support.

S6BMN104E

The initialization process failed

Source: osMon

Explanation: Failed to initialize the osMon service.

Action: Retry. If that fails, reboot the system and retry. If that fails, contact TIBCO Support.

S6BMN105E

Failed to detach from the binding area

Source: osMon

Explanation: An osee process failed to detach from the shared memory area provided by the osMon process that spawned it.

Action: Check to make sure the osMon process is still running. If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.

S6BMN106W

The service received an unsupported request

Source: osMon

Explanation: The service received (and ignored) an unsupported request type.

Action: No immediate action is required.
However, if this message persists, contact TIBCO Support.

S6BMN107L

The service was stopped

Source: osMon

Explanation: The osMon service is successfully stopped.

Action: No action is required.

S6BMN108L

The service was started

Source: osMon

Explanation: The osMon service started successfully.

Action: No action is required.

S6BMN110W

The server name (%) in the osMon SERVERS parameter is not associated with a set of parameter assignments

Source: osMon

Explanation: The given gateway/server name is not associated with a set of parameter assignments in the session.prm file or in the Windows registry.

Action: Change the gateway/server name or add an entry for this name to the session.prm file or to the Windows registry.

S6BMN111E

Could not release existing binding area, because the shared memory segment is in use

Source: osMon

Explanation: An osMon process failed to release a shared memory binding area because some process is attached to it.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN112E

OS would not permit release existing binding area

Source: osMon

Explanation: The operating system did not permit the osMon process to release a shared memory binding area.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN113E

Could not remove locks for shared binding area

Source: osMon

Explanation: An osMon process is unable to remove locks held on portions of a shared memory binding area.

Action: The messages that precede this message should provide sufficient information to determine the cause of this failure. Check to see if the osee processes that were spawned by the osMon processes were brought down successfully.

S6BMN115I

Could not open defaults file %

Source: osMon

Explanation: At startup, osMon attempted to load startup parameters from the specified file.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure. If you do not want to load startup parameters from the specified file, this message can be ignored.

S6BMN117L

osee shutdown. PID=% EE [%]:% Exit code %

Source: osMon

Explanation: This message is written to an osMon log every time an osee that was spawned by the corresponding osMon process is shut down.

Action: If the exit code is nonzero, the osee did not shut down normally. Check the documentation of osee exit codes to determine the cause of the shutdown.

S6BMN120E

Error occurred when getting exit code

Source: osMon

Explanation: An error occurred when an osMon process attempted to get the exit code for one of the osee processes that it spawned.

Action: If the operating system error code does not provide sufficient information to determine the cause of this failure, contact TIBCO Support.

S6BMN121E

Error occurred while waiting on child process

Source: osMon

Explanation: An error occurred while an osMon process was waiting to see if any of its child processes had terminated.

Action: If the operating system error code does not provide sufficient information to determine the cause of this failure, contact TIBCO Support.

S6BMN122E

Line % in % is too long. It must be no more than % characters

Source: osMon

Explanation: The specified line in the specified configuration file is too long.

Action: Edit the specified file, shortening the specified line to be no longer than the specified maximum length.

S6BMN123E

Unexpected token % occurred in % on line %

Source: osMon

Explanation: The specified token was found on the specified line in the specified file. It was not expected.

Action: Edit the specified file.

S6BMN124E

Matching 'end' for server definition block missing from %, line %

Source: osMon

Explanation: Gateways/servers started by an osMon process have definition files where the startup parameters for the gateway/server are stored. The parameters for a given group of gateways/servers are listed inside a definition block within the definition file. The definition block should begin with a line of the form "begin <n>" (where <n> is the number of gateways/servers which will be started with the given parameters) and end with a line of the form "end". The ending line was not found in the specified definition file on the specified line.

Action: Edit the specified definition line, adding the missing end line.

S6BMN125E

Server definition corresponding to session name % is missing non-blank server type

Source: osMon

Explanation: In the gateway/server definition file (which is read by the osMon process in order to run gateway/server processes), each gateway/server definition block is required to specify the type of gateway/server that is to be started. A block was processed that does not contain a gateway/server type.

Action: Edit the specified file, adding the appropriate gateway/server type.

S6BMN126L

% started with pid=%. Executing server type %

Source: osMon

Explanation: This message is written to an osMon log file every time a corresponding osMon process starts a gateway/server process.

Action: No action is required.

S6BMN127E

Logon Failed

Source: osMon

Explanation: The logon of an ActiveX Adapter client to an osee server failed.

Action: If messages that precede this message do not provide sufficient information to determine the cause of this failure, contact TIBCO Support.

S6BMN128E

Attempt to start an osee timed out

Source: osMon

Explanation: An attempt to start an osee timed out. When an osee is started, the osMon waits CONNTIMEOUT seconds for the osee to connect to the ActiveX Adapter client. If it fails to do so, this message is written to the log and the connection to the client is closed.

Action: Increase the value of your osMon CONNTIMEOUT parameter.

S6BMN129I

The osMon DOB parameter is empty

Source: osMon

Explanation: The Data Object Broker parameter to the osMon is an empty string.

Action: When an osee is started, its Data Object Broker parameter defaults to the Data Object Broker parameter of the osMon that spawned it. Therefore, all osee spawned by the osMon whose Data Object Broker parameter is empty require their Data Object Broker parameter to be set to a valid Data Object Broker name. The osee Data Object Broker parameter can be set either from the ActiveX Adapter client or as an environment variable in a default file. Refer to the documentation on the osee for more information.

S6BMN130E

Create named pipe %

Source: osMon

Explanation: Creation of a named pipe (or FIFO) failed.

Action: Examine the operating system error code in order to determine the reason for the failure.

S6BMN131E

Connect to named pipe %

Source: osMon

Explanation: An attempt to connect to a named pipe (or FIFO) failed.

Action: Examine the operating system error code in order to determine the reason for the failure.

S6BMN132E

Set named pipe % property

Source: osMon

Explanation: An attempt to set a named pipe (or FIFO) property failed.

Action: Examine the operating system error code in order to determine the reason for the failure.

S6BMN133E

Create Windows Event Object

Source: osMon

Explanation: An attempt to create a Windows Event Object failed.

Action: Examine the operating system error code to determine the reason for the failure. The most common reason is lack of storage.

S6BMN134E

Disconnect from named pipe %

Source: osMon

Explanation: An attempt to disconnect from a named pipe (or FIFO) failed.

Action: Examine the operating system error code to determine the reason for the failure.

S6BMN135E

State error on named pipe %

Source: osMon

Explanation: The named pipe has entered an invalid state.

Action: If operating system error codes do not provide enough information to resolve the reason for this failure, contact TIBCO Support.

S6BMN136L

osee started. PID=% EE [%]:%

Source: osMon

Explanation: A child osee process was spawned with the given process ID, NAME, and INSTANCE number.

Action: No action is required.

S6BMN137E

The maximum number of EE (%) that the osMon can execute has been reached

Source: osMon

Explanation: The MON parameter MAXEE determines how many osee processes an osMon process can spawn simultaneously. An attempt was made to exceed the limit.

Action: Do either of the following:

- Increase the value of the MAXEE parameter.
- Increase the Execution Environment MAXSESSION parameter, so that fewer osee processes can service the same number of sessions.

S6BMN138L

Remote CLI or Java CLI logon

Source: osMon

Explanation: A Remote CLI or a Java CLI client initiated a logon.

Action: No action is required.

S6BMN139L

Remote CLI or Java CLI logon succeeded

Source: osMon

Explanation: A Remote CLI or a Java CLI logon completed successfully.

Action: No action is required.

S6BMN140L

Remote CLI or Java CLI logon failed

Source: osMon

Explanation: A Remote CLI or a Java CLI logon failed.

Action: Examine the accompanying log messages to determine the reason for the failure. The startup log may also provide pertinent information.

S6BMN142E

Invalid host name specified: %

Source: osMon

Explanation: The host name specified in the MONHOST parameter is invalid.

Action: Determine the correct spelling of your host's name.

S6BMN143W

IP address (%) does not correspond to host name (%). Using IP address

Source: osMon

Explanation: Both the IP and the HOST Execution Environment parameters are set. However, the IP address corresponding to the DNS name is not the same as the IP Execution Environment parameter. Therefore the NAME value is ignored and the IP value is used.

Action: No action is required unless you want the HOST Execution Environment parameter to be used. In this case, do not set the IP Execution Environment parameter.

S6BMN144I

No host name or IP specified. osMon will listen on all IP addresses

Source: osMon

Explanation: Neither the HOST nor the IP Execution Environment parameters are set. Therefore, the osMon process listens on all IP addresses associated with the host it is running on.

Action: No action is required unless you want the osMon process to listen exclusively on a particular IP address. If this is the case, you should set either the HOST or the IP Execution Environment parameter.

S6BMN145E

Remote CLI client or Java CLI client requested unsupported code page

Source: osMon

Explanation: A Remote CLI or a Java CLI application attempted to use an unsupported Remote CLI/Java CLI code page.

Action: Make sure that the application uses supported code pages, and that the @NLS1 table is initialized as documented in the NLS manual.

S6BMN200E

Logon terminated at user's request

Source: osMon

Explanation: The user canceled the logon process.

Action: No action is required.

S6BMN201E

Unsupported version of TN3270 terminal

Source: osMon

Explanation: osMon process cannot accept connections from this terminal.

Action: Use either the IBM 3278 or the IBM 3279 terminal.

S6BMN202E

Unsupported TN3270 protocol

Source: osMon

Explanation: An error occurred during the TN3270 negotiation protocol.

Action: No action is required.

S6BMN300E

Unable to open osMon NAME parameter lockfile '%'

Source: osMon

Explanation: An attempt to create or open a disk file failed. The disk file is used to ensure a NAME parameter is not in use by more than one osMon process. Likely causes are insufficient directory permissions or disk full conditions.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN301E

**Unexpected file locking error during '%'
command for osMon NAME parameter lockfile '%'**

Source: osMon

Explanation: An attempt to get or set a file lock using the fcntl(2) system call failed. The file lock is used to ensure a NAME parameter is not in use by more than one osMon process.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN302E

Unexpected file mapping creation error for osMon NAME parameter lockfile '%'

Source: osMon

Explanation: An attempt to create or open a memory-mapped file failed. The memory-mapped file is used to ensure a NAME parameter is not in use by more than one osMon process.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN303E

Unexpected error mapping view of osMon NAME parameter lockfile '%'

Source: osMon

Explanation: An attempt to create a view of a memory-mapped file failed. The memory-mapped file is used to ensure a NAME parameter is not in use by more than one osMon process.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BMN304E

osMon NAME parameter '%' is in use by process ID %

Source: osMon

Explanation: An osMon NAME parameter may not be used by multiple osMon processes because it is used to uniquely identify Execution Environment resources.

Action: Start osMon with a NAME parameter that is not in use. A new set of default parameter assignments may have to be added to the Object Service Broker monitor parameter source file.

S6BMN900E

Error occurred during an attempt to release resources

Source: osMon

Explanation: A failure occurred while the osMon was shutting down.

Action: Restart the osMon process. If this message persists, contact TIBCO Support.

MS: Message Switch Address Space

S6BMS001I

MESSAGE SWITCH READY **date time**

Source: Message Switch Address Space

Explanation: The Message Switch Address is ready to accept requests

Action: No action required.

S6BMS002E

UNDEFINED EVENT CODE X'____'

Source: Message Switch Address Space

Explanation: Logic error. The supervisor has detected a physical event for which it does not have a service routine. The request is ignored. Processing continues

Action: Contact TIBCO Support.

S6BMS003I

SHUTDOWN COMPLETED

Source: Message Switch Address Space

Explanation: The message switch address space has successfully terminated.

Action: No action required.

S6BMS004E

GETMAIN FAILED DURING
INITIALIZATION

Source: Message Switch Address Space

Explanation: Allocation of storage required to complete Message Switch initialization failed.

Action: Increase the region size in your JCL.

S6BMS005E

INITIALIZATION ABORTED

Source: Message Switch Address Space

Explanation: The initialization of a Message Switch address space has failed.

Action: Other messages will have been issued. If you are still unable to ascertain the cause of this failure contact TIBCO Support.

S6BMS006I

MAXIMUM CONNECTIONS OBSERVED
FOR THIS MESSAGE SWITCH WAS **number'**

Source: Message Switch Address Space

Explanation: This message appears at the time of Message Switch shutdown and the number in the message is the highest number of end users connected simultaneously to this instance of the Message Switch.

Action: This message is for information only.

S6BMS007I**SUBTASK DETACHED**

Source: Message Switch Address Space

Explanation: The indicated subtask has shut down successfully.

Action: No action required

S6BMS008E

___ SUBTASK ABEND - S___/U___'

Source: Message Switch Address Space

Explanation: A severe error occurred during the indicated subtask. The Object Service Broker Message Switch terminates abnormally. S___ is the system abend code and U___ is the Object Service Broker abend code.

Action: If an Object Service Broker return code is provided, look at previous console messages for more information. If only a system return code is provided and you cannot resolve the problem based on this code, contact TIBCO Support.

S6BMS009E**MESSAGE SWITCH INITIALIZATION FAILURE - APF AUTHORIZATION REQUIRED'**

Source: Message Switch Address Space

Explanation: During Message Switch initialization, it was determined that the Message Switch was not executed in an APF Authorized state as required. The Message Switch will abend with user code 49.

Action: Refer to the Object Service Broker Documentation for instructions on how to APF Authorize your Message Switch.

S6BMS010E**STORAGE NOT AVAILABLE**

Source: Message Switch Address Space

Explanation: Storage for an internal Message Switch control block was not available.

Action: Increase the region size and restart the Message Switch

S6BMS011E

___ SUBTASK ATTACH FAILED'

Source: Message Switch Address Space

Explanation: The module for the indicated subtask cannot be accessed. Object Service Broker terminates abnormally.

Action: See the previous messages on the console and refer to the Installation and Operations manual.

S6BMS012E

___ SUBTASK INITIALIZATION FAILED'

Source: Message Switch Address Space

Explanation: An error occurred during the initialization of the indicated subtask. Object Service Broker terminates abnormally.

Action: See the previous messages on the console and refer to the Installation and Operations manual.

S6BMS013E**GLOBAL ____ POOL BUILD FAILED'****Source:** Message Switch Address Space**Explanation:** Insufficient storage was available to build the Message Switch resources for the specified configuration.**Action:** Refer to the Installation and Operations manual. Validate that the concurrency options are compatible with the region size specified at Message Switch startup.**S6BMS014E****ABEND S____/U____ REAS=_____
DETECTED IN MODULE '****Source:** Message Switch Address Space**Explanation:** The Message Switch has abended as described in the message. If a SYSxDUMP data set was allocated to the Message Switch, it will contain the dump for the error.**Action:** Collect as much information about the failure as possible and contact TIBCO Support.**S6BMS015E****EVENT (____) REJECTED IN _____,
MESSAGE SWITCH TERMINATING****Source:** Message Switch Address Space**Explanation:** The module identified by "taskname" received an event to process "xxxx" and the Message Switch started the termination process. The "termtype" value can be either "NORMALLY" indicating a SHUTDOWN request was issued or "ABNORMALLY" indicating a task abended. The requested event processing is ignored.**Action:** Wait for the termination to complete and then recycle the Message Switch.**S6BMS016E****MUST BE ASSIGNED A VALUE****Source:** Message Switch Address Space**Explanation:** The indicated parameter does not have an associated assigned value. All Message Switch parameters are of the form: keyword=value. Spaces are not permitted between the keyword, equal sign, or value. The parameter is rejected. Object Service Broker Message Switch startup terminates abnormally.

- Object Service Broker non-swappable
- Cross Memory Services for Object Service Broker inter-region communication
- Internal Object Service Broker SMF records (optional)
- Journal offload (spin) by Started System Task (optional)

Action: Correct the parameter in error.**S6BMS017I****REFER TO MESSAGE SWITCH PARMS IN
INSTALLATION MANUAL****Source:** Message Switch Address Space**Explanation:** An error was detected in your Object Service Broker initialization parameters.**Action:** Refer to the Job message log for preceding specific parameter error(s). Refer to the Object Service Broker Documentation for parameter syntax, spelling, ranges, defaults.

S6BMS018E**MSWPARMS FILE BYPASSED - INVALID RECFM OR LRECL'****Source:** Message Switch Address Space**Explanation:** An MSWPARMS DD statement was provided, but its record format was not fixed block, or its record length was not 80. Data Object Broker initialization continues. Parameter values are default values unless a PARM= string containing override values is provided.**Action:** If Object Service Broker started with incorrect parameter values, shut it down. Do one of the following:

- Allocate an MSWPARMS file with RECFM=FB and LRECL=80, and supply the correct parameter assignments.
- If Object Service Broker runs as a batch job, you can use //MSWPARMS DD * to define parameters in- stream.
- If the parameter specifications are 100 characters or less, you can omit //MSWPARMS and just use the PARM= string.

When ready, restart Object Service Broker.

S6BMS019E**MSWPARMS FILE BYPASSED - OPEN UNSUCCESSFUL****Source:** Message Switch Address Space**Explanation:** A MSWPARMS DD statement was provided but failed to open properly. Data Object Broker initialization continues. Parameter values are default values unless a PARM= string containing override values is provided.**Action:** If Object Service Broker started with incorrect parameter values, shut it down. Investigate the MSWPARMS file problem. When the problem is resolved, restart Object Service Broker.**S6BMS020E****_____ PARM CONTAINS INVALID CHARACTER(S)'****Source:** Message Switch Address Space**Explanation:** The indicated parameter contains characters which are not alphabetic. The parameter is rejected. Object Service Broker startup terminates abnormally.**Action:** Verify and correct the spelling of the parameter. Refer to the Installation and Operations manual if necessary.**S6BMS021E****_____ PARM IS AMBIGUOUS'****Source:** Message Switch Address Space**Explanation:** The indicated parameter was abbreviated so that it is no longer unique. The parameter is rejected. Object Service Broker startup terminates abnormally.

You can spell Data Object Broker parameters in full or abbreviate them through truncation. For example, SNAPOVERRIDE

or SNAPOVER or SNAPO are all accepted. Excessive truncation, however, results in abbreviations that can be one of several parameters. For example, SNAP might be any one of SNAPCLASS, SNAPREMOTE, SNAPQUERY, SNAPOVERRIDE, or SNAPVOLSER.

Action: Spell the parameter keyword name more fully or completely. In general, five characters are sufficient to achieve uniqueness. Refer to the Installation and Operations manual if necessary.

S6BMS022E

_____ PARM IS NOT DEFINED'

Source: Message Switch Address Space

Explanation: The indicated parameter (only the first 13 characters appear in the message) is not defined to Object Service Broker. You may have used an unrecognizable abbreviation. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Verify the spelling of the parameter. Refer to the Installation and Operations manual if necessary. Abbreviation through truncation is permitted, but it is recommended that at least the first five letters be supplied to ensure uniqueness.

S6BMS023E

_____ PARM NOT DYNAMICALLY MODIFIABLE

Source: Message Switch Address Space

Explanation: An operator console command was issued, of the form:

```
MODIFY jobname, PARM=keyname=value
```

The keyname specified was a recognized Object Service Broker Data Object Broker parameter, but it is not eligible for

modification after startup or once set. The parameter change is rejected. Object Service Broker execution continues.

Action: If the parameter must be changed then this change must be made to the Object Service Broker Data Object Broker initialization parameters and will take effect the next time Object Service Broker is restarted.

S6BMS024E

_____ SPECIFIED VALUE HAS TOO MANY CHARACTERS'

Source: Message Switch Address Space

Explanation: The value assigned to the keyword has too many characters. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //MSWPARMS or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BMS025E

_____ SPECIFIED VALUE CONTAINS INVALID CHAR(S)'

Source: Message Switch Address Space

Explanation: The value assigned to the parameter has failed its edit validity check. This occurs for any non-alphanumeric value, or for a discrepancy between edit specifications and the input provided. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //MSWPARMS or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BMS026E

_____ SPECIFIED VALUE NOT
VALID QUALIFIER(S)'

Source: Message Switch Address Space

Explanation: The value assigned to the parameter has failed its validity check. A data set name or qualifier, member name, or other entity with similar syntax was expected. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //MSWPARMS or PARM= string. Refer to the Installation and Operations if necessary.

S6BMS027E

_____ SPECIFIED VALUE OUT OF
RANGE'

Source: Message Switch Address Space

Explanation: The value assigned to the parameter is too big or too small. The parameter is rejected. Object Service Broker startup terminates abnormally.

Action: Provide an acceptable parameter value in //MSWPARMS or PARM= string. Refer to the Installation and Operations manual if necessary.

S6BMS028E

GETMAIN FAILURE ON ____ POOL, ____
SPACE ____ THE LINE ON A ____
BOUNDARY, RC=

Source: Message Switch Address Space

Explanation: Object Service Broker manages its own storage in blocks referred to as pools. When attempting to acquire storage to support, the specified pool the storage was not available.

Action: Determine why the storage requirements were not satisfied. Check the memory control parameters on the run and increase as needed. Contact TIBCO Support if further support is required.

S6BMS029E

XCF MEMBER NAME AND GROUP NAME
BOTH SET TO _____

Source: Message Switch Address Space

Explanation: The XCF group and member name are identical. This is not allowed.

Action: Modify either the XCF group or member name and restart the message switch.

S6BMS201E

UNDEFINED EVENT CODE X'____'

Source: Message Switch Address Space

Explanation: The Communications subtask received a request that it does not support. The request is ignored. Normal processing continues.

Action: Try to identify the circumstances which trigger this message. An isolated occurrence may be insignificant. Contact TIBCO Support if there are multiple occurrences or related problems.

S6BMS202E**NO COMMUNICATION FACILITIES
AVAILABLE'****Source:** Message Switch Address Space**Explanation:** No Communications protocols are available to the Object Service Broker Message Switch. Object Service Broker terminates abnormally.**Action:** Look for any associated messages which provide further explanation. If this is an initial installation, ensure that the communication definitions required by Object Service Broker are in place. If you are unable to resolve the situation, contact TIBCO Support.**S6BMS203L****USER LIMIT EXCEEDED, CONNECTION
REJECTED - _____****Source:** Message Switch Address Space**Explanation:** When attempting to connect a user session the configured limit was exceeded.**Action:** Review the MAXUSERS parameter to determine if it is set appropriately for the required workload.**S6BMS204E****UNFORMATTED LOGON REJECTED****Source:** Message Switch Address Space**Explanation:** An unformatted logon request has been received by the Message Switch.**Action:** The logon request is rejected with a sense code of x'0C00'. This is normally caused by an attempt to connect to the Message Switch in error. If the message is issued repeatedly try to ascertain the source of the request. If you are unable to resolve the situation, contact TIBCO Support.**S6BMS205E****REQUEST _____ RETURN CODE _____
FOR _____ USER _____ # = _____ FROM
_____'****Source:** Message Switch Address Space**Explanation:** A request for action has failed with return code given.**Action:** If you are unable to determine the cause of the message, contact TIBCO Support.**S6BMS206I****USER _____ # = _____ CANCELLED'****Source:** Message Switch Address Space**Explanation:** The specified user has been cancelled.**Action:** None**S6BMS207L****connectid action TERM=termid J=jobname
connecttype # = num S = source T = target****Source:** Message Switch Address Space**Explanation:** This notification message identifies a logon or logoff from the message switch.

- .connectid may or may not be unique depending on site configuration
- .action is either 'LOGGED ON' or 'LOGGED OFF'
- .termid is the terminal identification or 'UNKNOWN'
- .jobname is the jobname of the connector
- .connecttype is the type of connection e.g. 'TSO USER'
- .num is the relative connection block used to support this connection. It is always unique.

- .source is the communication type for the source session
- .target is the communications type for the target session

Action: None.

S6BMS601E

SERVICES SUSPENDED - INITIALIZATION FAILURE

Source: Message Switch Address Space

Explanation: Services provided by the operations support task indicated in the message are not available due to the failure of this task to initialize.

Action: Review the initialization messages in the Message Switch's job log to determine the reason for the failure. Terminate and restart the Message Switch at the earliest opportunity after the problem is resolved.

S6BMS602E

OPER INITIALIZATION FAILED

Source: Message Switch Address Space

Explanation: An error has been encountered during the initialization of the Message Switch's console interface. Message Switch initialization continues but console services are not available.

Action: Review the initialization messages in the Message Switch's job log to determine the reason for the failure. Terminate and restart the Message Switch at the earliest opportunity after the problem is resolved.

S6BMS603I

OPER INITIALIZATION COMPLETED'

Source: Message Switch Address Space

Explanation: Initialization was successful for the task supporting operator console MODIFY commands. You can enter Object Service Broker MODIFY commands and receive a response.

Action: No action required

S6BMS604E

UNDEFINED EVENT CODE X" ____ "

Source: Message Switch Address Space

Explanation: This message indicates that an invalid post code has been received by the Message Switch's operational support task and cannot be processed.

Action: This is an internal processing error and should be reported to TIBCO Support.

S6BMS605I

MODIFY COMMAND ACCEPTED

Source: Message Switch Address Space

Explanation: This message is the standard acknowledgement that the command is valid when no more specific reply exists.

Action: None

S6BMS606W

FREE WORK BUFFER FAILED ' ____

Source: Message Switch Address Space

Explanation: Upon completion of external command processing, the work buffer used to carry the command could not be released.

Action: Contact TIBCO Support.

S6BMS607E**SERVICES TERMINATED**

Source: Message Switch Address Space

Explanation: The operations support services task indicated in the message terminated due to an unrecoverable failure. The system will attempt a restart of the failing task.

Action: Review the Message Switch's job log to determine the reason for the failure and report this problem to TIBCO Support.

S6BMS608E**_____ SERVICES SUSPENDED - RESTART LIMIT EXCEEDED'**

Source: Message Switch Address Space

Explanation: The operations support service indicated in the message could not be recovered after a failure. These services are disabled until the Message Switch is restarted.

Action: Review the Message Switch's job log to determine the reason for the failure and report this problem to TIBCO Support.

S6BMS609E**RE-INSTATING _____ SERVICES**

Source: Message Switch Address Space

Explanation: This message indicates that automatic recovery is in progress for the service indicated in the message.

Action: Begin an investigation into the cause of the initial failure. If the service is successfully reinstated, no immediate action is required.

S6BMS610E**RESTART OF _____ SERVICES '**

Source: Message Switch Address Space

Explanation: This message is issued to indicate the success or failure of the restart action for the indicated operations service.

Action: No action required

S6BMS611W**SPECIFIED USER NOT LOGGED ON**

Source: Message Switch Address Space

Explanation: You issued the command

`F jobname,action=userid`

The specified USER was not logged on to Object Service Broker. No action is taken.

Action: No action required. The command:

`F jobname,USERLIST`

displays a list of the userids logged on to Object Service Broker.

S6BMS612I**DUPLICATE _____ DETECTED**

Source: Message Switch Address Space

Explanation: The console command detected multiple userid/termids and needs to know which userid/termid to act upon.

Action: Reissue the command with ";xxxx", where xxxx is the mswcnum from message S6BMS514I.

S6BMS613I

USERID TERMID JOBNAME TYPE
MSWCNUM STATUS SOURCE TARGET

Source: Message Switch Address Space

Explanation: These are the headings for message S6BMS614I.

Action: None

S6BMS614I

Source: Message Switch Address Space

Explanation: S6BMS613I shows headings for the data rows in S6BMS614I; The data in S6BMS614I is used to determine the different userid/terms.

Action: May be used to determine which mswcnum to use when a console command is issued.

S6BMS615I

TOTAL NUMBER OF DUPLICATES _____ '

Source: Message Switch Address Space

Explanation: This message displays the count of duplicate entries.

Action: None

S6BMS616I

REPEAT COMMAND AS
_____USERID;MSWCNUM"

Source: Message Switch Address Space

Explanation: The console command could not determine which duplicate entry to act on. S6BMS614I lists the commnum of all duplicates.

Action: Reissue the console command with ";mswcnum" at the end of the command, where the mswcnum is from the preceding S6BMS614I messages.

S6BMS617W

UNEXPECTED USER ID FOUND IN
SPECIFIED MSWCOMMA

Source: Message Switch Address Space

Explanation: A display/cancel user request was issued. The buffer identified as containing the user information is invalid.

Action: Retry the cancel request. If the error recurs, contact TIBCO Support.

S6BMS618I

SPECIFIED MSWCOMMA NUMBER OUT OF
RANGE, REQUEST REJECTED'

Source: Message Switch Address Space

Explanation: A CANCELUSER/DISPLAYUSER request was issued with an explicate mswcomma number, the supplied mswcomma number is out of range.

Action: Correct the request and resubmit.

S6BMS621E**CANCEL DENIED - DBMS SERVER'****Source:** Message Switch Address Space**Explanation:** You issued the command:

```
F jobname,CANCELUSER=server_id
```

The ID specified is a DBMS gateway. No action is taken.

Action: Use the Data Object Broker STOPSERVER command to shut down a DBMS gateway.

S6BMS623W**GET WORK BUFFER FAILED ____****Source:** Message Switch Address Space

Explanation: A CANCELUSER command was issued to terminate a user or DBMS gateway. Because no work buffer was available, the request could not be processed.

Action: The command may succeed if reissued. If this message occurs again, the reason for the lack of work buffers should be investigated.

S6BMS624E**CANCEL DENIED - LOGOFF IN PROGRESS****Source:** Message Switch Address Space

Explanation: A request was received by the Message Switch to cancel a specified user session that is currently being terminated. The request cannot be fulfilled.

Action: No action is required

S6BMS625E**LENGTH OF SPECIFIED USER ID IS OUT OF RANGE****Source:** Message Switch Address Space

Explanation: A command was entered and the specified userid was not between 1 and 8 characters long, for example, CANCELUSER=uuuuuuu;nnnn. The userid (uuuuuuu) must be 1 to 8 characters long.

Action: Enter the command again with the correct format.

S6BMS626E**NO DATA SENT, COMMAND REJECTED'****Source:** Message Switch Address Space

Explanation: The console command was reissued but no data was detected beyond ";".

Action: Reissue the command with the desired mswcnum.

S6BMS627E**MSWCNUM NOT NUMERIC, COMMAND REJECTED'****Source:** Message Switch Address Space

Explanation: The data in the console command after the ";" was not numeric.

Action: Reenter the console command with a numeric value for the mswcnum.

S6BMS628E**MSWCNUM TOO LARGE, COMMAND REJECTED'****Source:** Message Switch Address Space**Explanation:** The mswcnum entered was greater than the highest allocated mswcnum.**Action:** Check the value of the mswcnum and reenter the command.**S6BMS629I****LOGGED ON USERS/DBMS/OPER/JOBS****Source:** Message Switch Address Space**Explanation:** You issued the command:

F jobname,USERLIST

S6BMS629I is the heading followed by the response data. They are followed by summary messages S6BMS630I and S6BMS631I. If no Object Service Broker users are logged on, only S6BMS630I and S6BMS631I are issued.

Object Service Broker connections are identified by their userid. The format of the display is c-uuuuuuuu, where:

- c is the connection type
- uuuuuuuu is the userid

The valid connection types are:

- blank - TSO Execution Environment User
- C - CICS Execution Environment user
- N - Native Execution Environment user
- I - IMS TM Execution Environment user
- U - Solaris Execution Environment user
- t - Other Execution Environment user
- J - Batch Job
- D - DBMS Server connection or Outbound Peer (HRN)
- O - Operator connection

- P - Inbound Peer connection (HIN)
- L - Connection that is in the process of logging on
- ? - Unknown connection type

Action: No action is required.**S6BMS630I****USERS DBMS OPER JOBS OTHER AVAIL'****Source:** Message Switch Address Space**Explanation:** See explanation for message S6BMS629I.**Action:** No action is required.**S6BMS631I**

- ' _____ "

Source: Message Switch Address Space**Explanation:** See explanation for message S6BMS629I.**Action:** No action is required.**S6BMS632E****_____ CANNOT BE ASSIGNED A VALUE'****Source:** Message Switch Address Space

Explanation: A MODIFY command was issued in the form "command=value". The particular command verb specified is defined to be a one word action command without any assigned value. The command is rejected.

Action: The command can be reissued without an assigned value, if appropriate. If in doubt, refer to the operator command documentation in the Installation and Operations manual.

S6BMS633E**_____ COMMAND CONTAINS
INVALID CHARACTER(S)'**

Source: Message Switch Address Space

Explanation: Verify the spelling of the command. Refer to the Installation and Operations manual if necessary.

Action: The indicated command contains characters that are not alphabetic. The command is rejected.

S6BMS634E**_____ COMMAND IS AMBIGUOUS'**

Source: Message Switch Address Space

Explanation: The indicated command has been abbreviated so that it is no longer unique. The command is rejected. Object Service Broker MODIFY commands may be spelled in full or abbreviated through truncation. Excessive truncation results in abbreviations that can be one of several that can be one of several commands.

Action: Spell the parameter keyword name more fully, or completely. Generally, 5 characters are adequate to achieve uniqueness. Refer to the Installation and Operations manual if necessary.

S6BMS635E**_____ COMMAND IS NOT DEFINED'**

Source: Message Switch Address Space

Explanation: The indicated command (only the first 12 characters appear in the message) is not defined to Object Service Broker. You may have used an unrecognizable abbreviation. The command is rejected.

Action: Verify the spelling of the command. Refer to the Installation and Operations manual if necessary. Abbreviations are only recognized if they are spelled the same as the full command up to the point of truncation.

S6BMS636E**_____ REJECTED, SHUTDOWN IN
PROGRESS'**

Source: Message Switch Address Space

Explanation: The specified request was rejected because Object Service Broker had already accepted a shutdown request.

Action: Object Service Broker is coming down -- no action required.

S6BMS637E**_____ MUST BE ASSIGNED A
VALUE'**

Source: Message Switch Address Space

Explanation: A MODIFY was issued as a one word action command. The particular command verb is defined to be for a "keyword=value" command. The command is rejected.

Action: Provide an appropriate value when issuing this command. Refer to the Installation and Operations manual if necessary.

S6BMS638E

_____ SPECIFIED VALUE HAS TOO MANY CHARACTERS'

Source: Message Switch Address Space

Explanation: The value assigned to the keyword has too many characters. The command is rejected.

Action: Reenter the command with an acceptable value. Refer to the Installation and Operations manual if necessary.

S6BMS639E

_____ SPECIFIED VALUE CONTAINS INVALID CHAR(S)'

Source: Message Switch Address Space

Explanation: The value assigned to the command failed its edit validity check. This error occurs for any non-alphanumeric value, or for a discrepancy between edit specifications and the input provided. The command is rejected.

Action: Reenter the command with an acceptable value. Refer to the Installation and Operations manual if necessary.

S6BMS640E

_____ SPECIFIED VALUE NOT VALID QUALIFIER/DSNAME'

Source: Message Switch Address Space

Explanation: The value assigned to the command failed its validity check. A data set name or qualifier, member name, or other entity with similar syntax was expected. The command is rejected.

Action: Reenter the command with an acceptable value. Refer to the Installation and Operations manual if necessary.

S6BMS641W

CONSOLE MESSAGE BUFFER FREE FAILED'

Source: Message Switch Address Space

Explanation: The processing of operator console messages encountered a problem while freeing a message buffer. This may result in failure of the Operator Command Interface.

Action: If operator console MODIFY commands are no longer being accepted, contact TIBCO Support.

S6BMS642E

COMMAND NOT PROCESSED, COULD NOT OBTAIN BUFFER'

Source: Message Switch Address Space

Explanation: The Message Switch was not able to obtain the work area needed to process an operator request. This is usually a temporary situation and should be resolved almost immediately.

Action: Reenter the rejected operator command. If the problem persists, obtain a dump of the Message Switch and terminate it at your earliest convenience. Notify TIBCO Support.

S6BMS643L

MODIFY ' _____ "

Source: Message Switch Address Space

Explanation: The command received from the console is echoed. This verifies command recognition and records the command in the console log for the Object Service Broker Message Switch.

Action: No action is required.

S6BMS644I**NO USERS CONNECTED****Source:** Message Switch Address Space**Explanation:** There are no user sessions connected to this message switch.**Action:** No action is required.**S6BMS701E****UNDEFINED EVENT CODE X" ____ "'****Source:** Message Switch Address Space**Explanation:** Internal logic error. Object Service Broker supervisory code detected an invalid system service request. The transaction is aborted.**Action:** Contact TIBCO Support.**S6BMS702E****XCF REQUEST _____ FAILED RETURN CODE ____ REASON CODE ____ '****Source:** Message Switch Address Space**Explanation:** An XCF request failed.**Action:** Look up the return code and reason code for the failing request in the IBM Sysplex Services Reference. If unable to determine the cause of the failure contact TIBCO Support.**S6BMS703E****IXCQUERY ____ RECORDS NOT RETRIEVED'****Source:** Message Switch Address Space**Explanation:** The internal buffer for the IXCQUERY response was not sufficiently large to accommodate all the records returned by the IXCQUERY request.**Action:** Contact TIBCO Support**S6BMS704E****PRIMARY DATA OBJECT BROKER LOCATION TIME INTERVAL EXPIRED'****Source:** Message Switch Address Space**Explanation:** A primary Data Object Broker was not located in the time specified.**Action:** The Message Switch will terminate. If required restart the Message Switch.**S6BMS705W****PRIMARY DATA OBJECT BROKER NOT AVAILABLE****Source:** Message Switch Address Space**Explanation:** The Message Switch could not locate the Primary Data Object Broker.**Action:** If allowed the message switch will wait for a Primary Data Object Broker to become available, if not the Message Switch will terminate. Make sure a Primary Data Object Broker is available and restart the Message Switch.**S6BMS706I****PRIMARY DATA OBJECT BROKER LOCATED AT MEMBER NAME _____ '****Source:** Message Switch Address Space**Explanation:** The Message Switch has located the Primary Data Object Broker.**Action:** No action is required.

S6BMS707I**GROUP STATUS FOR XCF GROUP ggggggggg****Source:** Message Switch Address Space**Explanation:** Output from a Memberlist Message Switch command. ggggggggg is the XCF group to which the Data Object Broker belongs.**Action:** No action is required.

- P Primary Data Object Broker
- S Secondary Data Object Broker
- M Message Switch
- uuuuuu User State

Action: No action is required.**S6BMS708I****MEMBER JOBNAME SYSTEM SYSTEM
STATE USER STATE'****Source:** Message Switch Address Space**Explanation:** Memberlist display heading**Action:** No action is required.**S6BMS709I****Source:** Message Switch Address Space**Explanation:** Memberlist display heading**Action:** No action is required.**S6BMS710I****mmmmmmmm jjjjjjjj xxxxxxxx ssssssss t
uuuuuuu****Source:** Message Switch Address Space**Explanation:** Output from a Memberlist Command. One line for each member in the XCF group:

- mmmmmmmm XCF Member name
- jjjjjjjj Job Name
- xxxxxxxx System Name
- ssssssss System State
- t Member Type

NC: Network Control

S6BNC100I

"SRBEXIT=NO" CODED/DEFAULTED ON VTAM APPLID='% ', BUT ADDRESS SPACE IS AUTHORIZED

Source: Network Control

Explanation: The VTAM Application Identifier assigned for the use of an Object Service Broker communications environment is defined with a VTAM APPL statement that specifies or defaults the SRBEXIT keyword operand to the value of NO, but the Object Service Broker communications environment is executing in an APF Authorized address space.

This message is issued to bring attention to the fact that, since the address space is APF Authorized, the SRBEXIT keyword operand could be coded with a value of YES. This would allow VTAM to schedule the Object Service Broker VTAM ACB and NIB exits using z/OS SRBs, which reduces CPU utilization and increase multiprocessing concurrency.

The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region, and which has SRBEXIT=NO coded in its definition.

Action: If you do not expect the APF Authorization of the Object Service Broker Region using this VTAM Application Identifier to be downgraded to Unauthorized at some time in the future, you can change the SRBEXIT keyword operand on the VTAM APPL statement (in SYS1.VTAMLST, in a VTAM Major Node Definition for Object Service Broker Network

Resources) for the VTAM Application Identifier used by the Object Service Broker Region. Change it to specify SRBEXIT=YES to achieve a performance improvement in CPU utilization and multiprocessing concurrency. If the APF Authorization of the Object Service Broker Region is at some later time rescinded, the SRBEXIT keyword operand must again be changed. Specify SRBEXIT=NO; otherwise, message S6BNC998E will be issued (indicating an OPEN request failed with ACBERFLG=X'F4'), and the Object Service Broker Region will fail during initialization.

S6BNC870W

"UNBIND" REQUEST UNIT RECEIVED, APPLID='% ', LU='% ', TYPE=X'% '

Source: Network Control

Explanation: An SNA UNBIND Request Unit was received by the Object Service Broker Region for one of its sessions, indicating the loss of the session for an exceptional reason. This message is issued if session termination was not solicited.

The message provides the following information:

- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- The LU is the VTAM Logical Unit name of the session partner network resource that has (directly or indirectly) caused the SNA UNBIND Request Unit to be generated.

- The TYPE is the hexadecimal UNBIND TYPE code from the SNA UNBIND Request Unit. Interpretations of this code can be found in the IBM manual Systems Network Architecture Formats.

Action: The VTAM session is lost. To resume communications, request a new session.

S6BNC871E

"CINIT" REQUEST UNIT REJECTED, APPLID='% ', LU='% ', IMPROPER SESSION PARAMETERS ARE INDICATED:

Source: Network Control

Explanation: An SNA CINIT Request Unit was received by the Object Service Broker Region, representing a pending logon from some network resource. The Object Service Broker Region rejected the SNA CINIT Request Unit, due to unacceptable values in the session parameters. The SNA CINIT Request Unit is rejected with an SNA Sense Code X'08210000', which will be conveyed by the network in an SNA UNBIND Request Unit to the rejected session's session partner Logical Unit.

The message provides the following information:

- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- The LU is the VTAM Logical Unit name of the session partner Logical Unit that had its request for a session rejected.

This message is usually followed by messages S6BNC872I and S6BNC873I, which convey additional information about the unacceptable session parameters.

Action: The request for a session was rejected. The session parameters associated with the Logical Unit must be corrected before further attempts to establish a session are made.

S6BNC872I

%

Source: Network Control

Explanation: An SNA CINIT Request Unit was received by the Object Service Broker Region, representing a pending logon from some network resource. The Object Service Broker Region has rejected the SNA CINIT Request Unit, due to unacceptable values in the session parameters. The session parameters from the SNA CINIT Request Unit are displayed in this message as a string of hexadecimal digits.

This message is usually preceded by message S6BNC871E and followed by message S6BNC873I.

Action: The request for a session has been rejected. The session parameters associated with the LU must be corrected before further attempts to establish a session are made.

S6BNC873I

%

Source: Network Control

Explanation: An SNA CINIT Request Unit was received by the Object Service Broker Region, representing a pending logon from some network resource. The Object Service Broker Region has rejected the SNA CINIT Request Unit, due to unacceptable values in the session parameters. This message contains a cursor that indicates the particular session parameter(s) that is (are) the reason for rejecting the SNA CINIT Request Unit.

This message is preceded by message S6BNC872I. The cursor in this message is aligned with the hexadecimal digits in the session parameters in message S6BNC872I

that are the reason for rejecting the SNA CINIT Request Unit.

Action: The request for a session has been rejected. The session parameters associated with the LU must be corrected before further attempts to establish a session are made.

S6BNC874E

"LOGON" CONVERSATION REJECTED, APPLID='% ', LU='% ', RETURN CODE: X'% '

Source: Network Control

Explanation: An SNA APPC Conversation that will Logon a new Object Service Broker user to the Object Service Broker Data Object Broker has arrived from another Object Service Broker Region in the network. Due to conditions apparent at the time of the arrival of the new Conversation, the Logon has been rejected by the Data Object Broker. The message provides the following information:

- The APPLID is the character encoded name of the Object Service Broker Data Object Broker that was the target of the SNA APPC Conversation.
- The LU is the character encoded name of the SNA Session Partner Logical Unit that originated the SNA APPC Conversation.
- The RETURN CODE is the hexadecimal encoded value of the Return Code that the Data Object Broker generated to describe the situation that caused it to reject the SNA APPC Conversation. The four digits display a two-digit return code followed by a two-digit reason code.

Action: The request for a Conversation was rejected. The originating Conversation Partner will act on the information contained in the Return Code made available to it. Refer to message S6BKC036I for an explanation of the return code and reason code.

S6BNC875E

VTAM ATTN(FMH5) LOGIC ERROR, APPLID='% ', LU='% ', MODENAME='% ': ATTEMPTING SDUMP

Source: Network Control

Explanation: An SNA APPC Conversation intended to logon a new Object Service Broker user to the Data Object Broker arrived from another Object Service Broker region in the network. Due to timing conditions, Object Service Broker is unable to uniquely identify the SNA session that the conversation has been allocated to. The Object Service Broker APPC LU 6.2 implementation is unable to continue processing data on this conversation, and will reject the Logon. Also, if system authority is sufficient, an SDUMP will be scheduled to aid in diagnosing the error condition. The message provides the following information:

- The APPLID is the character-encoded name of the Object Service Broker Data Object Broker that was the target of the SNA APPC Conversation.
- The LU is the character-encoded name of the SNA Session Partner Logical Unit that originated the SNA APPC Conversation.
- The MODENAME is the character-encoded name of the VTAM Logmode Table entry that was used for the Conversation.

Action: The request for a Conversation was rejected. The originating Conversation Partner may retry the request, as the error condition is probably temporary. If the error reoccurs, it may be necessary to shut down the originating partner's VTAM LU in order to terminate all the VTAM sessions between it and the Data Object Broker.

In any case, if this message is issued, collect any diagnostic information available

(System Log printout, JES Log for the affected Object Service Broker regions, and any dumps produced) and contact TIBCO Support.

S6BNC880W

"NOTIFY" REQUEST UNIT RECEIVED,
PLU='% ', SLU='% ', STATUS=X'% ',
REASON=X'% ', SENSE=X'% '

Source: Network Control

Explanation: A VTAM session cannot be established.

The Object Service Broker region received an SNA NOTIFY Request Unit for one of its sessions. Currently, an SNA NOTIFY Request Unit is generated only by the failure of session establishment initiated by a VTAM REQSESS RPL Request. This message is issued if session establishment was refused after the VTAM REQSESS Request was successfully completed. This message contains significant data from fields in the SNA NOTIFY Request Unit received.

The message provides the following information:

- The PLU is the character encoded name of the SNA Primary Logical Unit that had been engaged in the session.
- The SLU is the character encoded name of the SNA Secondary Logical Unit that had been engaged in the session.

The hexadecimal values provided by the message are as follows:

- Although it is not shown in this message (because the SNA NOTIFY Request Unit is generated as the result of a failure during session establishment), the NOTIFY CONTROL VECTOR KEY field contains a value of x'03'.

- The STATUS is the hexadecimal NOTIFY STATUS field contents.
- The REASON is the hexadecimal NOTIFY REASON field contents.
- The SENSE is the hexadecimal NOTIFY SENSE field contents.

Interpretations of these codes can be found in the IBM manual Systems Network Architecture - Formats, and as described below.

Additional messages will have been issued based on the interpretation of the SENSE data receive in the SNA NOTIFY Request Unit.

If an Object Service Broker region refused the connection, then the STATUS and REASON codes are x'03' and x'80' respectively, and the sense code has the format x'0000eerr', where "ee" is the error code and "rr" is the reason code for the refusal, both reported in hexadecimal. If the target of the connection is a Data Object Broker, refer to the Explanation for message S6BKC036 for the interpretation of these codes.

Action: Examine the reported status, reason, and sense codes, as well as the additional messages issued, to determine what action is required for the specific situation or error.

S6BNC881W

"CLEANUP" REQUEST UNIT RECEIVED,
PLU='% ', SLU='% '

Source: Network Control

Explanation: An SNA CLEANUP Request Unit was received by the Object Service Broker Region for one of its sessions. This Request Unit notifies the Object Service Broker Region of the loss of the VTAM session, so

that the resources allocated to support the session can be released. This message contains significant data from fields in the SNA CLEANUP Request Unit received.

The message provides the following information:

- The PLU is the character encoded name of the SNA Primary Logical Unit that had been engaged in the lost session.
- The SLU is the character encoded name of the SNA Secondary Logical Unit that had been engaged in the lost session. Additional messages are issued in response to the activity of releasing the VTAM session's resources.

Action: The VTAM session is lost. To resume communications, request a new session.

S6BNC882W

**VTAM ATTN(LOSS) EXIT ENTERED,
APPLID='% ', LU='% ', MODENAME='% ',
RPL6FLG3=X'% '**

Source: Network Control

Explanation: An SNA Session that was initiated to support APPC Conversations has been terminated, and VTAM has driven the Object Service Broker ATTN Exit with a LOSS event. The message names the Object Service Broker APPLID, the name of the Conversation Partner LU and the SNA Modename (these two items define the LM Table entry), and the significant indicators from the RPL6FLG3 field.

The message provides the following information:

- The APPLID is the character encoded name of the Object Service Broker application to which VTAM has reported the ATTN(LOSS) event.

- The LU is the character encoded name of the SNA Session Partner Logical Unit that had been engaged in the lost session.
- The MODENAME is the character encoded name of the VTAM Logmode Table entry that was used for the lost session.
- The RPL6FLG3 is the hexadecimal interpretation of the RPL6DERC and RPL6LAST indicators from the VTAM Read-Only RPL that was made available by VTAM to the Object Service Broker ATTN(LOSS) exit.

Action: The VTAM session is lost. This is probably the result of a coordinated deactivation of one of the Logical Units involved. This message is issued for documentation purposes only.

S6BNC883E

**PROTOCOL OR STATE ERROR ON
SESSION, APPLID ='% ', LU='% ' - SESSION
TERMINATED**

Source: Network Control

Explanation: An unexpected situation has occurred on an SNA session in an Object Service Broker Region for one of its sessions. Either the defined protocol rules have been violated or an invalid state has been reached. An example of a protocol error is the transmission of an unsupported Data Flow Control request unit. An example of a state error is the arrival of data on a session that is in the "send" state.

- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- The LU is the VTAM Logical Unit name of the session partner network resource that

has caused the SNA Response Unit to be generated.

Action: The VTAM session in error is lost. To resume communications, request a new session. You should determine the reason the unexpected event occurred and correct the problem. A VTAM buffer trace will assist in this determination.

If the session was with another Object Service Broker region, contact TIBCO Support.

S6BNC888E

COMMUNICATIONS IDENTIFIER "%" IS NOT ACCEPTING SESSIONS

Source: Network Control

Explanation: An attempt by the current Object Service Broker communications environment to contact another Object Service Broker communications environment using the Network Communication (SNA) Object Service Broker Communications Implementation has failed because the target Object Service Broker communications environment has not yet initialized itself as a VTAM Application.

Action: If the target Object Service Broker Region is required, ensure that it is executing, and has successfully initialized its Object Service Broker communications environment.

S6BNC889E

VTAM VERSION Vv.r.l INSUFFICIENT FOR OBJECT SERVICE BROKER'S APPC<LU 6.2> IMPLEMENTATION

Source: Network Control

Explanation: While attempting to connect the current Object Service Broker communications environment with another Object Service Broker communications environment, it was determined that the appropriate Object Service Broker Communications Implementation to support the communication was SNA APPC (LU 6.2). The version/release level of VTAM that is installed is insufficient for use by Object Service Broker, however, and so SNA APPC cannot be used.

This message is likely to be issued only if the version/release level of the VTAM in use at the installation is very old.

Action: If the version/release level of the installed VTAM is very old, upgrade to a more current VTAM.

S6BNC890W

LOSTERM EXIT ENTERED, APPLID='% ', LU='% ', REASON CODE=X'%'

Source: Network Control

Explanation: The VTAM LOSTERM Exit supplied by the Object Service Broker Region was driven by VTAM. This exit is entered when a VTAM session is being deactivated or lost.

The message provides the following information:

- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- The LU is the VTAM Logical Unit name of the session partner network resource

whose session with the Object Service Broker Region has been lost.

- The REASON CODE is the hexadecimal value of the Reason Code passed by VTAM to the VTAM LOSTERM Exit. The Reason Code supplies details about the disposition of the topic VTAM session. Interpretations of the Reason Codes can be found in the IBM manual VTAM Programming.

Additional messages may have been issued in response to the activity of releasing the VTAM session's resources.

Action: The VTAM session is lost. Loss of the VTAM session may be the result of deactivating Network Resources by a VTAM Console Operator. To resume communications, request a new session.

S6BNC900W

TPEND EXIT ENTERED, APPLID='% ',
REASON CODE=X'% '

Source: Network Control

Explanation: The VTAM TPEND Exit supplied by the Object Service Broker Region is driven by VTAM. This exit is entered when a VTAM Application Definition is being deactivated by the system operator, or when VTAM is abnormally terminating.

The message provides the following information:

- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- The REASON CODE is the hexadecimal value of the Reason Code passed by VTAM to the VTAM TPEND Exit. The Reason Code supplies details about the disposition of the Object Service Broker Region's status as a VTAM Application. Interpretations of the Reason Codes can be

found in the IBM manual VTAM Programming.

Additional messages may have been issued in response to the activity of relinquishing the Object Service Broker Region's VTAM Application Program status.

Action: The Object Service Broker Region's status as a VTAM Application Program either has been lost, or is being relinquished gracefully. Loss of the VTAM Application Program status may be the result of a VTAM console operator deactivating Network Resources. Refer to the accompanying messages to determine what action is required for the specific situation or error.

S6BNC991E

VTAM RESP EXIT ENTERED WITH
UNSOLICITED "% " %RSP,
APPLID='*UNKNWN*', LU='*UNKNWN*' -
SESSION TERMINATED

Source: Network Control

Explanation: An unexpected SNA Response Unit was received by the Object Service Broker Region for one of its sessions. It is either an unsolicited positive response to normal flow data, or else it is an unsupported response type.

The message provides the following information:

- The type of response unit received, which may be:
 - *UNKNWN*
 - FMDATA
 - CANCEL
 - QC
 - CHASE
 - BID
 - RTR

- LUSTAT
- BIS
- Whether the response was positive (+RSP) or negative (-RSP)
- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- The LU is the VTAM Logical Unit name of the session partner network resource that has caused the SNA Response Unit to be generated.

Action: The VTAM session in error is lost. To resume communications, request a new session. You should determine the reason the unexpected response unit was generated and correct the problem.

If the session was with another Object Service Broker region, contact TIBCO Support.

S6BNC992E

APPC ERROR LOG DATA RECEIVED -> %

Source: Network Control

Explanation: While engaged in an SNA APPC (LU 6.2) Conversation, an error was detected by the conversation partner Logical Unit, and an APPC Error Log string was sent to the current Object Service Broker communications environment. The text from the APPC Error Log string is contained in the message. The conversation will have been terminated.

Action: The text of the APPC Error Log string provides an explanation of the error that occurred in the conversation partner Logical Unit. Any specific action to be taken depends on the content of this text.

S6BNC993E

VTAM APPCCMD RPL REQUEST ERROR DETECTED, APPLID='% ', LU='% ' CONTROL=%, QUALIFY=%, RCPRI='% ', RCSEC='% '

Source: Network Control

Explanation: A physical error related to an LU 6.2 API request issued to VTAM was detected by VTAM and passed to Object Service Broker. Such an error can disrupt communication on the APPC Conversation for which the request was issued. This message contains significant data from fields in the VTAM RPL (Request Parameter List) that conveyed the failed request to VTAM. This message is in two parts, due to the length of the text that it contains.

The message provides the following information:

- The APPLID is the character encoded name of the Object Service Broker Application to which VTAM has reported the LU 6.2 Request failure.
- The LU is the character encoded name of the SNA Session Partner Logical Unit that is engaged in the SNA session for which the LU 6.2 Request failure has occurred.
- The CONTROL and QUALIFY are the character encoded names that together describe the VTAM LU 6.2 API Request type that has failed. The purpose of these VTAM RPL requests can be found in the IBM manual Macro Instructions.
- The RCPRI and RCSEC are the hexadecimal interpretations of the VTAM LU 6.2 API's Primary and Secondary Return Codes made available in the VTAM RPL Extension of the VTAM RPL used to issue the failed VTAM LU 6.2 Request. Interpretations of these codes can be found in the IBM manuals VTAM Programming for LU 6.2.

If the error is accompanied by nonzero Sense data, this message will be followed by:

```
S6BNC994E SENSE DATA PRESENT, RPL6SNSI=X' %'
```

Action: This message is issued to provide documentation about the error that has been detected. The affected Object Service Broker component is advised of the error and takes subsequent action to remedy or recover from the error.

S6BNC994E

SENSE DATA PRESENT, RPL6SNSI=X'%'

Source: Network Control

Explanation: A physical error related to an LU 6.2 API request issued to VTAM was detected by VTAM and passed to Object Service Broker. Such an error can disrupt communication on the session for which the request was issued. This message is always preceded by:

```
S6BNC993E VTAM APPCCMD RPL REQUEST
ERROR DETECTED, APPLID='% ', LU='% ',
CONTROL=%, QUALIFY=%, RCPRI=X'%' ,
RCSEC='% '
```

which describes the VTAM RPL Request that was issued, and the exceptional or abnormal condition that was encountered. The S6BNC994E message contains additional significant data from fields in the VTAM RPL (Request Parameter List) that conveyed the request in error to VTAM.

The RPL6SNSI is the hexadecimal representation of the System Sense Code data stored in the VTAM RPL Extension to describe the physical error encountered. Interpretations of this code can be found in

the IBM manual VTAM Messages and Codes.

Action: Since this message augments the message that precedes it, refer to the preceding message to determine the proper action to take.

S6BNC995E

**VTAM % EXIT ENTERED, APPLID='% ', {
LU='% ',} RPLREQ=%,
RPLRTNCD/RPLFDB2=X'%'**

Source: Network Control

Explanation: A physical error or logical error related to a request issued to VTAM was detected by VTAM and passed to Object Service Broker. Such an error can disrupt communication on the session for which the request was issued. This message contains significant data from fields in the VTAM RPL (Request Parameter List) that conveyed the failed request to VTAM.

The message provides the following information:

- The first variable data item is substituted with either "SYNAD" or "LERAD", signifying either a physical or a logical error, respectively.
- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- The LU is the VTAM Logical Unit name of the session partner network resource for the session that has experienced the problem. This item may be omitted from the message if it cannot be determined, such as in the case of a logical error.
- The RPLREQ is the type of VTAM RPL Request that was issued. The purpose of these VTAM RPL requests can be found in the IBM manual instructions.

- The RPLRTNCD/RPLFDB2 data is the hexadecimal return and feedback codes from VTAM that describe the physical or logical error encountered.

Interpretations of these codes can be found in the IBM manuals VTAM Programming and VTAM Messages and Codes.

If the first variable item is replaced by "SYNAD" (indicating a physical error), this message may be followed by:

```
S6BNC996E SENSE DATA PRESENT,
SSENSEI/SENSMI=X'%' , USENSEI=X'%'
```

Action: Action depends on the interpretation of the data extracted from the RPL for the failed request. In the case of a physical error ("SYNAD" specified), the problem can usually be identified and corrected if information in the message and relevant manuals is interpreted by personnel familiar with VTAM networks. If remedial action cannot be determined, contact TIBCO Support. In the case of a logical error ("LERAD" specified), although corrective action can be taken for some logic errors, a programming fix is usually required. If this is the case, contact TIBCO Support.

S6BNC996E

SENSE DATA PRESENT,
SSENSEI/SENSMI=X'%' , USENSEI=X'%'

Source: Network Control

Explanation: A physical error related to a request issued to VTAM was detected by VTAM and passed to Object Service Broker. Such an error can disrupt communication on the session for which the request was issued. This message is always preceded by:

```
S6BNC995E VTAM SYNAD EXIT ENTERED,
RPLREQ=%, RPLRTNCD/RPLFDB2=X' %'
```

which describes the VTAM RPL Request that was issued, and the exceptional or abnormal

condition that was encountered. The S6BNC996E message contains additional significant data from fields in the VTAM RPL (Request Parameter List) that conveyed the request in error to VTAM.

The SSENSEI/SENSMI data is the hexadecimal System Sense Code and System Sense Modifier data stored in the VTAM RPL to describe the physical error encountered. Interpretations of this code can be found in the IBM manual VTAM Messages and Codes.

The USENSEI is the hexadecimal User Sense Code data stored in the VTAM RPL to describe the physical error encountered. If the SSENSEI/SENSMI data is nonzero, then interpretations of the USENSEI code can be found in the IBM manual VTAM Messages and Codes.

Action: Since this message augments the message that precedes it, refer to the preceding message to determine the proper action to take.

S6BNC997E

VTAM % % REQUEST FAILED, R15=X'%',
R0=X'%'

Source: Network Control

Explanation: A VTAM Manipulative Macro Instruction request has failed. A Return Code and possibly a Reason Code were provided by VTAM in registers 15 and 0 respectively, describing the reason for the request failure. Interpretations of the Return and Reason Codes can be found in the IBM manual VTAM Programming. The VTAM Manipulative Macro Instruction is one of the following:

- GENCB
- MODCB
- SHWCB

The VTAM Control Block being manipulated is one of the following:

- ACB
- RPL
- NIB
- LNG

Action: Action depends on the interpretation of the Return and Reason Codes provided by VTAM. This message usually indicates that a programming fix is required. If this is the case, contact TIBCO Support.

S6BNC998E

UNABLE TO % VTAM ACB, APPLID='%',
R15=X'%', ACBERFLG=X'%'

Source: Network Control

Explanation: A VTAM ACB-Based Macro Instruction failed. The message provides the following information:

- The first variable item is the name of the VTAM ACB-based Macro Instruction that was issued, either OPEN or CLOSE.
- The APPLID is the VTAM Application Identifier that is used by the Object Service Broker Region.
- A Return Code is provided by VTAM in register 15 describing the reason for the request failure.
- The contents of the ERROR field (ACBERFLG) from the VTAM ACB is also provided in the message.

Interpretations of the Return Code and ERROR field can be found in the IBM manual VTAM Programming, in the section

for the appropriate VTAM ACB-Based Macro Instruction.

Action: Contact the person who supports the VTAM Network to interpret the ERROR field extracted from the VTAM ACB and determine remedial action. If remedial action cannot be determined, contact TIBCO Support.

S6BNC999E

MVS % REQUEST FAILED, R15=X'%'

Source: Network Control

Explanation: A request for a system service provided by z/OS has failed. A Return Code was provided by z/OS in register 15 describing the reason for the request failure. The request is one of the following:

- ESTAE
- GQSCAN
- GETMAIN
- FREEMAIN

Action: Refer to the appropriate z/OS manual for a description of the service requested and the reason for the failure as described by the Return Code. Determine remedial action by considering the information provided in the manual. If the problem persists, contact TIBCO Support.

OU: Open Transaction Mgr Access

S6BOU001E

OTMA error Function=% RC=% reason1=%
reason2=% reason3=% reason4=%

Source: Open Transaction Mgr Access

Explanation: The OTMA module return code is
non-zero.

Action: Review the information in the message
and in the IBM "IMS Open Transaction
Manager Access Guide and Reference"
manual, and take the appropriate action.

PF: Journal Formatting

S6BPF001I

SPACE = _____ MEGABYTES

Source: Journal Formatting

Explanation: Upon completion of the Journal formatting process, this message is written to indicate the size of the Journal just processed.

Action: No action required.

S6BPF002E

JOURNAL TOO SMALL - LESS THAN 10 MEG

Source: Journal Formatting

Explanation: When attempting to format the Journal data set, it was determined that the defined space was less than the minimum allowed.

Action: Increase the size of the Journal and resubmit the job.

S6BPF003E

JOURNAL NOT EMPTY

Source: Journal Formatting

Explanation: When attempting to format the Journal data set, it was determined that the data set was not empty.

Action: Delete and redefine the Journal, and resubmit the job.

S6BPF004E

VSAM OPEN ERROR

Source: Journal Formatting

Explanation: When attempting to open the Journal data set for formatting, VSAM indicated an open error.

Action: View the SYSLOG for more information.

S6BPF005E

JOURNAL CI SIZE TOO SMALL

Source: Journal Formatting

Explanation: When attempting to format the Journal, it was determined that the control interval size was invalid.

Action: Delete and redefine the Journal data with the correct CI size and resubmit.

S6BPF006E

VSAM WRITE ERROR RC=XX FDBK=YY

Source: Journal Formatting

Explanation: When attempting to output a formatted record to the Journal, VSAM detected an error.

Action: Refer to the VSAM manual for the return code and feedback codes indicated in the message.

PR: EE Parameter Processing

S6BPR001E

Parameter area storage overflow

Source: EE Parameter Processing

Explanation: User has specified too much Object Service Broker parameter data.

Action: Review the HRNIN parameter input file and verify that it contains valid Object Service Broker parameters, that all quoted string end with a quote, and that parameter lists end with a closing parenthesis.

S6BPR002E

Invalid token classification

Source: EE Parameter Processing

Explanation: Object Service Broker parameter input token could not be classified.

Action: Contact TIBCO Support.

S6BPR003E

Exceeded depth that parameters may be nested

Source: EE Parameter Processing

Explanation: The value of an Object Service Broker parameter had parentheses that were nested to a depth greater than 8.

Action: Verify that a closing parenthesis is not missing in the input parameter string or the HRNIN input file. If the value of the parameter is a string that contains parenthesis, then quote the string.

S6BPR004E

Parameter '%' previously specified

Source: EE Parameter Processing

Explanation: A parameter has been used more than once.

Action: Object Service Broker parameters may only be specified once in an input string or HRNIN input file. Remove the duplicate parameter reference.

S6BPR005E

Missing end of comment

Source: EE Parameter Processing

Explanation: Closing "*/" of a comment is missing.

Action: All comments that start with the string "/*" must end with a closing "*/" string. Edit the input parameter string, or the HRNIN input file, and insert a closing "*/" where required.

S6BPR006E

Missing end of quote for parameter %

Source: EE Parameter Processing

Explanation: Closing quote for a string is missing.

Action: All quoted strings should start with a quote and end with a quote. Edit the input parameter string, or the parameter input file, and insert a closing quote where required.

S6BPR007E

Syntax error in line % at column %

Source: EE Parameter Processing

Explanation: A syntax error was detected at the line and column specified.

Action: Review the Object Service Broker parameter input string, or HRNIN file, at the line specified, and correct the syntax error.

S6BPR008E

Value of parameter '%' is not an integer

Source: EE Parameter Processing

Explanation: The value for the Object Service Broker parameter is not an integral value.

Action: The specified Object Service Broker parameter may be set only to an integer value. Integer values consist of numeric digits preceded by an optional minus sign. An integer value may also be appended by a units indicator where "K" specifies the value is a multiple of 1024 and "M" specifies the value is a multiple of 1024*1024 or 1048476. Correct the parameter value in the input parameter string or in the HRNIN input file.

S6BPR009E

Integer value is too small for parameter '%'

Source: EE Parameter Processing

Explanation: The value for the Object Service Broker parameter is beyond the minimal range for the parameter.

Action: The Object Service Broker parameter specified has a minimal value. Correct the parameter value in the input parameter string or in the HRNIN input file.

S6BPR010E

Integer value is too big for parameter '%'

Source: EE Parameter Processing

Explanation: The value for the Object Service Broker parameter is beyond the maximum range for the parameter.

Action: The Object Service Broker parameter specified has a maximum value. Correct the parameter value in the input parameter string or in the HRNIN input file.

S6BPR011I

Unable to load registry key

HKEY_LOCAL_MACHINE\\SOFTWARE\\AMDahl\\ObjectStar\\CurrentVersion\\%

Source: EE Parameter Processing

Explanation: An attempt to load the specified registry key failed.

Action: Reboot your system and try again. If it continues to fail, contact TIBCO Support.

S6BPR012E

String too short for parameter '%'

Source: EE Parameter Processing

Explanation: The length of the value for the Object Service Broker parameter is too small.

Action: Correct the parameter value in the input parameter string or in the HRNIN input file.

S6BPR013E

String (%) is too long for parameter '%'

Source: EE Parameter Processing

Explanation: The value you want to assign to the Object Service Broker parameter is too long.

Action: Correct the length of the value in the input parameter string or in the HRNIN input file.

S6BPR014E

Reserved word '%' was assigned a value

Source: EE Parameter Processing

Explanation: A reserved word parameter cannot be set a value.

Action: A reserved word cannot appear to the left of an equal sign. Correct the input parameter string or the HRNIN input file.

S6BPR015E

Reserved word '%' must have an element list

Source: EE Parameter Processing

Explanation: A reserved word parameter was incorrectly defined in the Object Service Broker system code.

Action: Contact TIBCO Support.

S6BPR016E

Value '%' is invalid for parameter '%'

Source: EE Parameter Processing

Explanation: An Object Service Broker parameter has an invalid value.

Action: Review the documentation for the parameter to determine what values may be assigned to the parameter.

S6BPR017E

Keyword element does not have an action

Source: EE Parameter Processing

Explanation: An Object Service Broker parameter was incorrectly defined in Object Service Broker system code.

Action: Contact TIBCO Support.

S6BPR018E

Invalid value type

Source: EE Parameter Processing

Explanation: An Object Service Broker parameter was incorrectly defined in Object Service Broker system code.

Action: Contact TIBCO Support.

S6BPR019E

Parameter source '%' contains unsupported parameter '%'

Source: EE Parameter Processing

Explanation: The parameter specified is not supported by Object Service Broker. It is either not valid or misspelled, or it is not allowed in the specified HRNIN.

Action: Check in the Parameters Manual for the description and correct spelling of the parameter.

S6BPR020E

Area too small for a value store

Source: EE Parameter Processing

Explanation: Object Service Broker system code allocated too small a work area for parameter processing.

Action: Contact TIBCO Support.

S6BPR021E

Parameter '%' has been previously specified

Source: EE Parameter Processing

Explanation: An Object Service Broker parameter has been entered more than once.

Action: Delete the duplicate reference to the same parameter.

S6BPR022E

Incorrect number of names for parameter '%'

Source: EE Parameter Processing

Explanation: The value of this parameter consists of a list of names; an incorrect number of names has been specified.

Action: Review the source of the parameter value and ensure that the correct number of list elements is specified.

S6BPR023E

Bad name length for parameter '%'

Source: EE Parameter Processing

Explanation: The value of this parameter consists of a list of names and one of the items in the list has an incorrect length.

Action: Review the source of the parameter value and correct the list element in error.

S6BPR024E

Incorrect syntax for name list for parameter '%'

Source: EE Parameter Processing

Explanation: This parameter consists of a list of names and an item in the list is not a valid name.

Action: Review the source of the parameter value and correct the list element in error.

S6BPR025E

Encountered unexpected % after text '%'

Source: EE Parameter Processing

Explanation: The unexpected string after the indicated text resulted in a syntax error.

Action: Review the source of the parameter text and correct the syntax error. Note that separating parameters with commas is optional. However, the location of syntax errors tends to be more specific if commas are used.

S6BPR026E

Encountered unexpected % at beginning of line

Source: EE Parameter Processing

Explanation: The string specified results in a syntax error.

Action: Review the source of the parameter text and correct the syntax error. Note that separating parameters with commas is optional. However, the location of syntax errors tends to be more specific if commas are used.

S6BPR027E

Value for keyword parameter '%s' missing

Source: EE Parameter Processing

Explanation: A keyword parameter was specified without providing a value for the keyword.

Action: Reenter the Object Service Broker command and specify a value for the keyword.

S6BPR028I

Unable to open registry key
 HKEY_LOCAL_MACHINE\\SOFTWARE\\A
 mdahl\\ObjectStar\\CurrentVersion\\%\\
 %

Source: EE Parameter Processing

Explanation: An attempt to open the specified Windows Registry key failed.

Action: Examine the operating system error codes to determine the reason for the failure.

S6BPR029I

Unable to open registry key
 HKEY_LOCAL_MACHINE\\SOFTWARE\\A
 mdahl\\ObjectStar\\CurrentVersion\\%\\
 %

Source: EE Parameter Processing

Explanation: An attempt to open the specified registry key failed.

Action: Reboot your system and try again. If it continues to fail, contact TIBCO Support.

S6BPR030E

Invalid type for value % whose key is
 HKEY_LOCAL_MACHINE\\SOFTWARE\\A
 mdahl\\ObjectStar\\CurrentVersion\\%\\
 %

Source: EE Parameter Processing

Explanation: The type of the specified Windows Registry key is not what TIBCO Object Service Broker expects it should be.

Action: Contact TIBCO Support.

S6BPR031E

HKEY_LOCAL_MACHINE\\SOFTWARE\\A
 mdahl\\ObjectStar\\CurrentVersion\\%\\
 % has a value whose name (%) is not a
 parameter name

Source: EE Parameter Processing

Explanation: The specified Windows Registry Key contains a value whose name is not a parameter name.

Action: Remove the value from the key.

S6BPR032W

More than one group of parameter assignments indexed by % in %

Source: EE Parameter Processing

Explanation: Two or more groups of parameter assignments are preceded by a NAME assigned with the same value.

Action: Edit the specified location, so that each NAME assignment assigns a unique value.

S6BPR033I

Failed to load parameter file %

Source: EE Parameter Processing

Explanation: The process is unable to load the specified parameter file.

Action: No action is required unless you want to use the specified parameter file. If it does not exist, create it. If it exists, and is in %OS_ROOT%\database, check the operating system error code.

S6BPR034E

Invalid system ROOT setting [%]. Check for missing path

Source: EE Parameter Processing

Explanation: The system ROOT is set incorrectly. Object Service Broker processes need this setting to locate log and parameter file folders.

Action: Set the system ROOT to the name of an accessible folder. Refer to your Installation and Operations manual about setting the system ROOT.

S6BPR035E

Invalid system ROOT setting [%]. It is not the name of a directory

Source: EE Parameter Processing

Explanation: The system ROOT is set incorrectly. Object Service Broker processes need this setting to locate log and parameter file directories.

Action: Set the system ROOT to the name of an accessible directory. Refer to your Installation and Operations manual about setting the system ROOT.

S6BPR036E

Invalid system DATEFORMAT setting %

Source: EE Parameter Processing

Explanation: The default date format parameter is not set correctly. Default date formats of length six (6) are not permitted.

Action: Set the DATEFORMAT parameter to a valid string such as YYYY-MM-DD. Avoid six-byte formats.

S6BPR100E

Error occurred on attempt to make '%' the current working directory

Source: EE Parameter Processing

Explanation: An osee failed in its attempt to set its working directory to the value to which its WORKINGDIR startup parameter is set.

Action: Check the operating system error number provided with the message. It should indicate the reason for the failure.

S6BPR101I

Defaults successfully generated

Source: EE Parameter Processing

Explanation: The installation defaults utility detected no errors and successfully generated installation defaults.

Action: Verify that the subsequent assembly and link of the defaults member were successful.

S6BPR103E

Could not open output file '%' for generated defaults

Source: EE Parameter Processing

Explanation: The installation defaults utility could not open the output file for the generated installation defaults.

Action: Verify that the output file has been allocated for the job step for the utility.

S6BPR104E

Defaults not generated because error was detected

Source: EE Parameter Processing

Explanation: The installation defaults utility detected an error and stopped generating defaults.

Action: Review the error messages in the utility message file to determine the errors detected.

S6BPR105E

Could not open input file '%' for installation defaults

Source: EE Parameter Processing

Explanation: The installation defaults utility could not open the input file for the installation default parameters.

Action: Verify that the input file has been allocated for the job step for the utility.

S6BPR106E

Could not open output file '%' for messages

Source: EE Parameter Processing

Explanation: The installation defaults utility could not open the message file.

Action: Verify that the message file has been allocated for the job step for the utility.

S6BPR201E

Parameter processing error detected in start session command

Source: EE Parameter Processing

Explanation: An error was detected in the command line entered.

Action: Review the line entered to determine the

S6BPR107E

Could not load parameter definition table, HRNPRMD

Source: EE Parameter Processing

Explanation: The installation defaults utility could not load the Object Service Broker parameter definitions load module.

Action: Verify that the job step for the utility contains a STEPLIB or JOBLIB DD card that references the Object Service Broker load library data set.

S6BPR108E

Could not initialize value store

Source: EE Parameter Processing

Explanation: The installation defaults utility detected an error at parameter processing initialization time.

Action: Contact TIBCO Support.

S6BPR200E

Parameter processing error detected in line %d of %s %s

Source: EE Parameter Processing

Explanation: A parameter processing error was detected at the line specified.

Action: Review the source file listed at the line specified to determine the error.

error.

S6BPR202E

Line %d of %s too long because of expansion environment variable(s)

Source: EE Parameter Processing

Explanation: The substitution of the environment variables results in a parameter input that is too long.

Action: Substitution variables consist of a "\$" character followed by a name. Verify that the correct variable names have been specified and that they are set to the correct values. If they are correct, then the parameter file input line must be split into two or more lines.

S6BPR203E

Parameter file name %s/%s too long

Source: EE Parameter Processing

Explanation: The parameter file name is longer than the maximum 256 characters.

Action: Verify that the correct file name has been specified. The path name for the installation parameter file name is determined by the Object Service Broker environment variable and may be overridden by the Object Service Broker Execution Environment parameter. The path name for the session parameter file is determined by the HOME environment variable and the complete session parameter file name can be overridden by the HRNIN environment variable.

S6BPR900E

Error occurred during attempt to release resources

Source: EE Parameter Processing

Explanation: During the release of system resources such as memory or file storage, a failure occurred. As a result, the process in which this occurred is in an invalid state.

Action: Restart the associated process.

S6BPR952I

Failed to expand environment string in registry value %, key

HKEY_LOCAL_MACHINE\\SOFTWARE\\AMDahl\\ObjectStar\\CurrentVersion

Source: EE Parameter Processing

Explanation: The process failed to expand environment variable strings contained in the specified registry value.

Action: Change the value of the registry variable.

S6BPR995L

The OS_ROOT environment variable has been set to '%'

Source: EE Parameter Processing

Explanation: The OS_ROOT environment variable has been set to the specified value.

Action: No action is required. This message tells you the default location for parameter files (%OS_ROOT%/database) and log files (%OS_ROOT%/log).

S6BPR996E

The OS_ROOT environment variable has not been set

Source: EE Parameter Processing

Explanation: The OS_ROOT environment variable is not set, and the process that issued this message is not able to determine a reasonable value to assign to OS_ROOT.

Action: Add OS_ROOT to your environment and restart the process.

S6BPR999E

Invalid rule parameter

Source: EE Parameter Processing

Explanation: The osee failed to parse the parameters provided for the first rule in its RULE startup parameter.

Action: Check the value of the RULE parameter. Make sure string parameters are enclosed in single quotes and numeric parameters are properly specified.

S6BPR997E

First rule name is too long: '%'

Source: EE Parameter Processing

Explanation: The first rule name, specified in the RULE parameter to an osee process, is too long.

Action: The rule name cannot be more than 16 characters long. Reenter the RULE parameter with a shorter value.

S6BPR998E

First rule parameter list is too long: '%'

Source: EE Parameter Processing

Explanation: The parameters to the first rule are not permitted to be longer than 256 characters.

Action: Check the value of the parameters passed, along with the rule name in the RULE parameter of the osee. Make sure quote and parenthesis characters are properly paired off and that the length of the parameters does not exceed 256 characters.

PX: POSIX ON support for EMS

S6BPX002E

POSIX TCB initialization error; Load of S6BDRPSX DLL failed

Source: POSIX ON support for EMS

Explanation: The DLL S6BDRPSX could not be loaded. The Execution Environment task for running EMS did not successfully initialize and EMS will not be available for rule applications.

Action: Look at the job log for more information about why the S6BDRPSX DLL could not be loaded.

S6BPX003E

POSIX TCB initialization error; Load of PSXIROUT variable for DLLS6BDRPSX failed

Source: POSIX ON support for EMS

Explanation: Initialization of the POSIX TCB failed. EMS will not be available for rules applications.

Action: Look at the job log for more information about why PSXIROUT could not be loaded.

S6BPX004E

POSIX task thread initialization error at #; # failed with errno=#

Source: POSIX ON support for EMS

Explanation: Initialization of dispatch threads failed. The Execution Environment task for running EMS did not successfully initialize and EMS will not be available for rule applications.

Action: For more informations about errno values, refer to the IBM z/OS UNIX System Services Messages and Codes.

S6BPX005E

POSIX task thread error at #; # failed with errno=#

Source: POSIX ON support for EMS

Explanation: POSIX task detected an error. If the error occurred during POSIX task initialization then EMS will not be available to rules applications. If the error occurred while processing an EMS request then the request is aborted and the rule is notified of the error. The message displays the UNIX System Service call that failed and the errno for the error.

Action: For more information about errno values, refer to the IBM z/OS UNIX System Services Messages and Codes. The description of the errno may indicate a system limit has been exceeded or an incorrect setting of a system services parameter. Otherwise contact TIBCO Support.

S6BPX006E

POSIX task thread error at #; # is an invalid request code

Source: POSIX ON support for EMS

Explanation: A service thread in the POSIX task has detected a bad request code. The EMS request was aborted.

Action: Contact TIBCO support.

S6BPX007E

POSIX task thread termination error at #;; failed with errno #

Source: POSIX ON support for EMS

Explanation: Termination of the POSIX task failed. A UNIX system service failed. Execution Environment termination will continue.

Action: For more information about errno values, refer to the IBM z/OS UNIX System Services Messages and Codes. The description of the errno may indicate a system limit has been exceeded or an incorrect setting of a system services parameter. Otherwise contact TIBCO Support.

S6BPX008E

POSIX task initialization error at #; # failed with errno=#

Source: POSIX ON support for EMS

Explanation: POSIX task initialization failed. EMS will not be available for rules applications.

Action: For more information about errno values, refer to the IBM z/OS UNIX System Services Messages and Codes. The description of the errno may indicate a system limit has been exceeded or an incorrect setting of a system services parameter. Otherwise contact TIBCO Support.

S6BPX009E

POSIX task termination error at #; # failed with errno=#

Source: POSIX ON support for EMS

Explanation: POSIX task termination failed. Execution Environment termination will continue.

Action: For more information about errno values, refer to the IBM z/OS UNIX System Services Messages and Codes. The description of the errno may indicate a system limit has been exceeded or an incorrect setting of a system services parameter. Otherwise contact TIBCO Support.

S6BPX010E

POSIX task run request error at #; # failed with errno=#

Source: POSIX ON support for EMS

Explanation: An UNIX System Services error was detected while processing a POSIX task request. The request will be aborted and the rule requesting rule notified of the error.

Action: For more information about errno values, refer to the IBM z/OS UNIX System Services Messages and Codes. The description of the errno may indicate a system limit has been exceeded or an incorrect setting of a system services parameter. Otherwise contact TIBCO Support

S6BPX012E

POSIX task initialization error at #; failed to create a \$SAVE area

Source: POSIX ON support for EMS

Explanation: Initialization of the POSIX task failed. Interfaces like EMS will not be available to rule applications.

Action: Check whether a sufficient region size was specified for the job step. Otherwise contact TIBCO Support.

S6BPX013E

POSIX task run request error at #; Queue Mananer call failed with RC=#

Source: POSIX ON support for EMS

Explanation: An error was detected when the result of a POSIX task request was sent to the calling rule.

Action: The hung session maybe killed and resources released by the cancel user command for the Execution Environment or Data Object Broker. Contact TIBCO Support.

S6BPX014E

POSIX task initialization error; Set of error resume point failed with feedback code #

Source: POSIX ON support for EMS

Explanation: Resume point for errors in a POSIX task worker thread could not be established. Initialization for the thread terminated.

Action: Contact TIBCO support.

S6BPX015E

POSIX task initialization error; Creation of error handler failed with feedback code #

Source: POSIX ON support for EMS

Explanation: Error handler could not be created for a POSIX task thread. The thread was terminated.

Action: Contact TIBCO support.

S6BPX016E

POSIX task initialization error; Set of host and wire encoding failed failed with status code #

Source: POSIX ON support for EMS

Explanation: POSIX task could not set the host and wire encoding for the EMS interface. EMS is unavailable for rule applications.

Action: Verify that code page name used by the Execution Environment parameter, EMSWIRECODEPAGE, is a valid code page. The name must be a valid IBM ICONV code page name for your MVS system.

S6BPX100E

EMS initialization failed: Return code #, Reason code #

Source: POSIX ON support for EMS

Explanation: The initialization failed for an external TIBCO supplied API. It will be disabled for the life of the Execution Environment.

Action: A return code of 4 with a reason code 4 indicates a failure to load the EMS interface code S6BDRPSX. Check the installation of EMS support. A return code of 8 with a return code of 0 indicates that TASKPOSIXNUM is set to 0. Set TASKPOSIXNUM to 1 and retry. For any other values contact TIBCO support.

S6BPX101E

EMS is not supported

Source: POSIX ON support for EMS

Explanation: TIBCO EMS is not supported in this Execution Environment.

Action: Modify the EMS API parameters TASKPOSIXNUM and THREADPOSIXNUM or the EMS API parameter EMSWIRECODEPAGE as required.

S6BPX102E

EMS function ";" failed: Reason code is #

Source: POSIX ON support for EMS

Explanation: The EMS function failed with the reason code listed.

Action: Keep any logs and dumps produced for this failure and report this error to TIBCO support.

S6BPX103E

EMS function name conversion failed

Source: POSIX ON support for EMS

Explanation: The routine name coded as argument of the shareable tool S6BCALL or S6BFUNCTION could not be converted to a valid variable length string.

Action: Correct the routine name supplied

S6BPX104E

EMS function ";" not supported

Source: POSIX ON support for EMS

Explanation: The routine name supplied is not supported by either the S6BCALL or the S6BFUNCTION shareable tool.

Action: Correct the function name.

S6BPX105E

Incorrect number of arguments for shareable tool ";"

Source: POSIX ON support for EMS

Explanation: The number of arguments supplied to the shareable tool is not correct for the function being invoked.

Action: Correct the argument list for the shareable tool

S6BPX106E

EMS prior initialization attempt failed: Return code #, Reason code #

Source: POSIX ON support for EMS

Explanation: See the explanation for message:
EMS initialization failed: Return code #,
Reason code #

Action: See the action for message: EMS
initialization failed: Return code #, Reason
code #

S6BPX107E

Routine ";" cannot be object of ";"

Source: POSIX ON support for EMS

Explanation: The routine cannot be invoked by
this shareable tool. Either the routine returns
a value and is being invoked using shareable
tool S6BCALL or the routine does not return
a value and is being invoked by
S6BFUNCTION.

Action: Use the correct shareable tool to invoke
the routine.

S6BPX201E

**Mismatch between EMSWIRECODEPAGE and
national language settings**

Source: POSIX ON support for EMS

Explanation: The value of the parameter
EMSWIRECODEPAGE must be either UTF-8
or match the code page name in the ASCII
occurrence of @NLS1, if present, or ISO8859-
1 (the default), if not present.

Action: Correct the value of the
EMSWIRECODEPAGE parameter.

RA: TCP/IP RELAY

S6BRA001I

TCP/IP RELAY started; Incoming connections will not be accepted

Source: TCP/IP RELAY

Explanation: Communications services will not accept incoming TCP/IP connections for this component.

Action: If the component needs to accept connections from TCP/IP then look in the job log for previous messages that will explain why connections will not be accepted. Look at your RELAY parameter file to ensure that the communication identifier for your component is defined correctly.

S6BRA003E

Outbound connection rejected. Insufficient number of socket handles

Source: TCP/IP RELAY

Explanation: TCP/IP connection could not be established because no more socket handles could be opened.

Action: Increase the maximum number of socket handles for the component using the RELAY parameter file. Either increase the maximum number of sockets for a TCP/IP RELAY TCB by incrementing the "maxtcbsockets" parameter or increase the number of TCP/IP RELAY TCBs by incrementing the "tcnum" parameter.

S6BRA004E

Attach of TCP/IP communications task failed with R15=%

Source: TCP/IP RELAY

Explanation: TCP/IP RELAY initialization failed when attaching a relay TCB. TCP/IP support for the Object Service Broker component is unavailable. R15 contains the return code from the ATTACH macro that failed.

Action: Refer to the description of the return codes for the ATTACH macro in the IBM MVS Authorized Assembler Services Reference manual to determine what action should be taken.

S6BRA005E

Initialization of TCP/IP communications RELAY task failed

Source: TCP/IP RELAY

Explanation: Initialization of the TCP/IP RELAY failed. TCP/IP support for the component is disabled.

Action: Refer to the previous message for more information.

S6BRA006E

Obtain of storage failed during initialization of TCP/IP RELAY with R15=%

Source: TCP/IP RELAY

Explanation: Initialization of the TCP/IP RELAY failed when allocating memory. TCP/IP communications support has been disabled. R15 contains the reason why the STORAGE macro failed.

Action: Refer to the description of return codes for the STORAGE macro in the IBM MVS Assembler Services Reference manual to determine the action to be taken.

S6BRA007E

Communications identifier "%" not defined in the RELAY parameter file

Source: TCP/IP RELAY

Explanation: Open of communications node failed because the node was not defined in the RELAY parameter file.

Action: Assure the communications identifier is defined in the directory section of your RELAY parameter file.

S6BRA008I

TCP/IP RELAY started; Accepting connections on interface address % socket port=%

Source: TCP/IP RELAY

Explanation: TCP/IP support for the component successfully initialized. New socket connections are being accepted on the adapter interface and port number displayed.

Action: No action required.

S6BRA009I

TCP/IP RELAY stopped

Source: TCP/IP RELAY

Explanation: TCP/IP support for the component has been terminated. New socket connections are no longer being accepted.

Action: No action required.

S6BRA011E

Connection to node "%" failed; Host "%" is unavailable

Source: TCP/IP RELAY

Explanation: Open of a TCP/IP connection failed because the host was unavailable.

Action: Assure that the correct host name or IP address was used in the definition of the communication identifier in the directory section of your RELAY parameter file.

S6BRA012E

Connection to node "%" failed; CONNECT socket request failed with errno=%

Source: TCP/IP RELAY

Explanation: Open of a new connection failed because socket connect called error.

Action: Refer to the return code appendix of the IBM IP Sockets Application Programming Interface Guide and Reference to determine the meaning of the errno value and the action to be taken.

S6BRA013I

Connection to node "" refused

Source: TCP/IP RELAY

Explanation: Connection to the node was rejected or the socket port for the node was not open.

Action: Verify that the remote node has been started. If the node is running then check the job log for the node to determine why the connection was rejected.

S6BRA014E

Socket receive error with errno=%; TCP/IP connection closed

Source: TCP/IP RELAY

Explanation: A socket receive error was detected during the exchange of data between the component and a TCP/IP remote communications node. The connection was closed.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take. The most common cause is that the remote node closed the connection.

S6BRA015E

Socket send failed; TCP/IP connection closed

Source: TCP/IP RELAY

Explanation: Socket send failed during the exchange of data to the remote node. The connection was automatically closed.

Action: If this problem repeats then contact TIBCO Support.

S6BRA016E

Failed to allocate DXE memory; TCP/IP connection closed

Source: TCP/IP RELAY

Explanation: The TCP/IP RELAY failed to allocate memory for a buffer for a receive request. The connection was automatically closed.

Action: Increase the region size in the JCL.

S6BRA017E

RELAY connection failed with RC=%; TCP/IP connection closed

Source: TCP/IP RELAY

Explanation: TCP/IP RELAY could not open a Cross Memory connection for the new TCP/IP connection. The new client connection was automatically closed.

Action: View the SYSLOG for additional data on the error, and contact TIBCO Support if further assistance is required.

S6BRA018E

Unexpected socket read; TCP/IP connection closed

Source: TCP/IP RELAY

Explanation: Remote connect sent data when it was not expected. The connection was automatically closed.

Action: A non Object Service Broker application may be attempting to use the Object Service Broker port. Otherwise contact TIBCO Support.

S6BRA019E

Open of socket listening port failed; % request failed with errno=%

Source: TCP/IP RELAY

Explanation: Open of the Object Service Broken listing port failed. TCP/IP support was disabled.

Action: Refer to the return code appendix of the IBM IP Sockets Application Programming Interface Guide and Reference to determine the meaning of the errno value and the action to be taken.

S6BRA020E

Could not determine socket port number for node communications identifier %

Source: TCP/IP RELAY

Explanation: The service name used in the definition of the port number for the communication identifier could not be resolved.

Action: Review the directory section of your RELAY parameter file and assure the correct service name has been specified. If the name is correct then assure that the service name is defined for your MVS system.

S6BRA021E

Connection to node "#" failed; GETSOCKOPT socket request failed with errno=#

Source: TCP/IP RELAY

Explanation: Outbound connection to node failed. GETSOCKOPT was called to confirm whether non-blocking socket connect was successful but the call failed.

Action: Refer to the return code appendix of the IBM IP Sockets Application Programming Interface Guide and Reference to determine the meaning of the errno value and the action to be taken.

S6BRA022E

Host name "%" for communications identifier "%" could not be resolved

Source: TCP/IP RELAY

Explanation: Host name could not be resolved to an IP address.

Action: Assure that the host name for the communications identifier was entered correctly in the directory section of your RELAY parameter file. Otherwise the name specified may not be defined on your MVS command. Use the PING command on your MVS system to determine whether the host name is correct.

S6BRA023E

Cannot open socket for communications identifier %

Source: TCP/IP RELAY

Explanation: Open of socket failed.

Action: Look at the previous message for more information.

S6BRA024E

Cannot resolve communications identifier ""

Source: TCP/IP RELAY

Explanation: Communications identifier could not be found in the directory section of your RELAY parameter file.

Action: Assure the communications identifier has been entered correctly in your RELAY parameter file.

S6BRA025E

Failed to put socket into nonblocking mode; FCNTL socket request failed with errno=#

Source: TCP/IP RELAY

Explanation: Call to FCNTL failed when attempting to put a socket into non-blocking mode. The new connection was automatically closed.

Action: Refer to the return code appendix of the IBM IP Sockets Application Programming Interface Guide and Reference to determine the meaning of the errno value and the action to be taken.

S6BRA026E

Accept of new inbound socket connection failed; GIVESOCKET failed with errno=%

Source: TCP/IP RELAY

Explanation: New inbound connection was rejected because of a GIVESOCKET error.

Action: Refer to the return code appendix of the IBM IP Sockets Application Programming Interface Guide and Reference to determine the meaning of the errno value and the action to be taken.

S6BRA027E

ACCEPT of new connection failed with errno=%

Source: TCP/IP RELAY

Explanation: New inbound socket connection was rejected. ACCEPT socket API call failed.

Action: Refer to the return code appendix of the IBM IP Sockets Application Programming Interface Guide and Reference to determine the meaning of the errno value and the action to be taken.

S6BRA028E

Cannot open new connection; maximum number of open sockets exceeded

Source: TCP/IP RELAY

Explanation: New socket connection was reject because the limit of open socket connections was exceeded.

Action: The number of socket connections is limited by TCP/IP configuration parameters in your RELAY configuration file. Depending on you circumstance either increase the number of sockets for each TCP/IP RELAY task by the maxtcbsockets parameter or increase the number of TCP/IP tasks by using the tcbnum parameter.

S6BRA029E

Bad command code sent to TCP/IP RELAY select task

Source: TCP/IP RELAY

Explanation: The TCP/IP RELAY select task received a bad command code. The request was ignored and normal operation was continued.

Action: Contact TIBCO support.

S6BRA030E

Bad work list returned by HCS received exit

Source: TCP/IP RELAY

Explanation: The TCP/IP RELAY detected a bad queue of work from its Communications Services SEND/RECEIVE exit. Some TCP/IP connections have been left in an indeterminate state but the relay is continuing processing.

Action: Contact TIBCO Support.

S6BRA031E

Socket state error on socket SEND; connection closed

Source: TCP/IP RELAY

Explanation: Object Service Broker expected that data is to be received from the TCP/IP Connection but Object Service Broker is attempting to SEND data to the connection. The connection was automatically closed.

Action: If this message is received as part of CANCELUSER/LOGOFF processing it should be ignored. Otherwise if it cannot be determined why Object Service Broker is attempting to SEND data to a connection whose next expected communication is to RECEIVE data then Contact TIBCO Support.

S6BRA032E

Socket SEND failed with errno=%; connection closed

Source: TCP/IP RELAY

Explanation: A socket error was detected when data was sent to the TCP/IP client.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take.

S6BRA033E

RELAY disconnect request failed with R15=%

Source: TCP/IP RELAY

Explanation: Cross-Memory control error detected when a TCP/IP connection was closed.

Action: Contact TIBCO Support if this error persists.

S6BRA035E

Opening of a socket failed with errno=%

Source: TCP/IP RELAY

Explanation: SOCKET socket request failed and new out-bound connection failed to open.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take.

S6BRA036E

SETSOCKOPT call failed with errno=%

Source: TCP/IP RELAY

Explanation: Setting of socket options failed.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take.

S6BRA037E

GETADDRINFO for host "%" failed with errno=%

Source: TCP/IP RELAY

Explanation: Resolution of host name to an IP address failed.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take.

S6BRA038E

TCP/IP image "%" not defined to MVS system

Source: TCP/IP RELAY

Explanation: The TCP/IP protocol stack name defined by the tcpname parameter in your RELAY parameter file is not defined on your MVS system. TCP/IP support has been disabled.

Action: Assure the name entered is defined on your MVS system.

S6BRA039E

TCP/IP image "%" is not active

Source: TCP/IP RELAY

Explanation: The TCP/IP protocol stack name defined by the tcpname parameter in your RELAY parameter file is disabled. TCP/IP support has been disabled.

Action: Verify that the correct name was specified in the RELAY parameter file. If so then contact your TCP/IP system administrator to enable the image.

S6BRA040E

Connection to TCP/IP interface failed with errno=%

Source: TCP/IP RELAY

Explanation: The TCP/IP relay failed to initialize its connection to the MVS system TCP/IP image. TCP/IP support has been disabled.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take.

S6BRA041E

Socket SELECTEX failed with errno=#; the TCP/IP RELAY is terminating

Source: TCP/IP RELAY

Explanation: SELECTEX socket called failed. TCP/IP support was terminated for the component.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take.

S6BRA042E

TAKESOCKET failed with errno=%; socket connection request rejected

Source: TCP/IP RELAY

Explanation: In-bound socket connection was rejected because TAKESOCKET socket call failed.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the errno and the action to be take.

S6BRA043E

Socket message contains an incorrect length; connection closed

Source: TCP/IP RELAY

Explanation: Bad message was received from a socket client. The message length did not match the length of data read. The socket connection was closed.

Action: Assure that the client attempting a connection was a Object Service Broker client or component.

S6BRA044E

Bad host address in HOSTENT entry; connection closed

Source: TCP/IP RELAY

Explanation: When opening an new out-bound TCP/IP connection a bad HOSTENT structure was detected from a GETHOSTBYNAME socket call. The new socket connection was not opened.

Action: Contact TCBCO support.

S6BRA045E

Bad command code received by TCP/IP RELAY control task

Source: TCP/IP RELAY

Explanation: The TCP/IP RELAY control task received a bad internal message. The request was ignored and processing was continued.

Action: If this problem persists the contact TIBCO support.

S6BRA048E

GETCLIENTID failed with errno=%

Source: TCP/IP RELAY

Explanation: GETCLIENTID TCP/IP system call failed. The relay control task could not obtain the socket identifier for a new connection. This identifier is required to pass the socket to a TCP/IP relay select task.

Action: Refer to the return code appendix of the IBM IP Sockets and Application Programming Guide and Reference to determine the meaning of the error and the action to be take.

RE: Communications RELAY

S6BRE001I

Command ; processed with return code #

Source: Communications RELAY

Explanation: An command has been received and processed via operator interface. If the return code is 0 the command has completed successfully. If the return code is not 0 then a previous error message will have been issued describing the problem.

Action: If the return code is 0 then this message is for information only. If the return code is not 0 then the action for the previous error message should be followed.

S6BRE002E

RELAY parameters processing failed due to LE initialization error - R15=;

Source: Communications RELAY

Explanation: Initialization of the Communications RELAY failed because of an LE failure. TCP/IP support has been disabled.

Action: Refer to the IBM Language Environment Program Guide manual to determine the meaning of the return code from LE initialization. For most errors an LE will produce a formatted dump in the CEEDUMP DDNAME and will provide additional error information in a dynamically allocated print file.

S6BRE003E

RELAY parameter error;; ;

Source: Communications RELAY

Explanation: During RELAY initialization or as part of a REFRESH command an error was detected in the active relay parameter file.

Action: Correct the error described by this message.

S6BRE004E

RELAY invalid event code #

Source: Communications RELAY

Explanation: An invalid event code has been received by the RELAY CONTROL TASK.

Action: Contact TIBCO support.

S6BRE005E

RELAY parameter file not allocated to DDNAME ;;; Communication RELAY disabled.

Source: Communications RELAY

Explanation: During RELAY initialization or as part of a REFRESH command the RELAY parameter file could not be located.

Action: Correct the allocation of the RELAY parameter file.

S6BRE006E

RELAY parameter file dynamic allocation error;; errcode=# infocode=#

Source: Communications RELAY

Explanation: Dynamic allocation of the RELAY parameter file at either initialization or as a result of an operator command.

Action: Look up the errcode and infocode values in the 'z/OS Authorized Assembler Services Guide' manual to determine the cause of this problem.

S6BRE007E

Command "; " not recognized

Source: Communications RELAY

Explanation: An unsupported command has been received via the operator interface.

Action: Correct the command and re-issue it.

S6BRE008E

Command "; " rejected: ;

Source: Communications RELAY

Explanation: An operator command was rejected for the reason stated.

Action: Correct the operator command as required and re-issue it.

S6BRE009I

;. The parameter dataset is ;.

Source: Communications RELAY

Explanation: This message is issued as a result of a CS,STATUS or after the successful processing of a CS,PARMDSN= command. The relay status is displayed as either enabled or disabled. In addition the name of the current relay parameter dataset is displayed.

Action: No action is required.

S6BRE010E

RELAY parameter area storage obtain failed with Return Code #

Source: Communications RELAY

Explanation: At either initialization or after a CS,REFRESH storage was not available to hold the in store copy of the RELAY parameter file.

Action: Look up the return code in the 'z/OS Assembler Services Reference' under the STORAGE macro. If the return code indicates insufficient storage is available increase the storage available and retry. For any other return code contact TIBCO support.

S6BRE011E

RELAY OPENPORT failed with return code #.

Source: Communications RELAY

Explanation: An internal Communications Subsystem OPENPORT has failed.

Action: Contact TIBCO support

S6BRE012E

RELAY ; failed for relay number # with return code #.

Source: Communications RELAY

Explanation: Either initialization or termination of a Communications Subsystem relay processor failed.

Action: Contact TIBCO support

S6BRE875I

CLEANUP FROM ABEND WILL TERMINATE CONNECTION

Source: Communications RELAY

Explanation: This message is issued by cleanup processing. It is issued during recovery from an intercepted abend that occurred during relay communications send/receive processing. It indicates that the retry processing has reset the relay communications control indicators and will attempt to terminate the communications connection that was active when the abend occurred.

Action: Since this message indicates a successful retry from an abend, no immediate action may be necessary. Consider the following:

- If the affected Object Service Broker component (Data Object Broker, Execution Environment, Server, etc.) displays no other symptoms of difficulty, the error has successfully been isolated to affect only a single user connection.
- If this message is issued repeatedly, it may indicate a severe problem with the communications capability of the affected Object Service Broker component. If normal production work is seriously affected, it may be prudent to recycle the job. In this case, collect any diagnostic information available (system log

printout, JES log for the affected Object Service Broker address spaces, and any dumps produced) and contact TIBCO Support.

S6BRE888E

Communications identifier "%" could not be loaded

Source: Communications RELAY

Explanation: An attempt by the current Object Service Broker communications environment to contact another Object Service Broker using the Relay Object Service Broker Communications Implementation failed because the target Object Service Broker communications environment could not be located via the relay processes. This may be normal, if the target Object Service Broker is not normally accessible via a relay protocol.

Action: If the target Object Service Broker communications environment is required, ensure that it is executing and has successfully initialized its Object Service Broker Relay communications environment. Ensure that the target Object Service Broker communications environment is defined correctly in the relay parameter file.

RT: EE Resources

S6BRT001I

USER UUUUUUUU DDDD, RESOURCE
RRRRRRRR AAAAAAAA, USED=00000
MAX=00000.

Source: EE Resources

Explanation: This message is issued by the S6BDRTMR module. The user indicated in the message has either acquired/released the resource named. USED is the use count for the resource in this Object Service Broker Execution Environment and MAX is the maximum allowed.

Action: No action required.

S6BRT002I

RESOURCE THROTTLE BLOC FOR
"12345678" DYNAMICALLY CREATED

Source: EE Resources

Explanation: This message is issued by the HRNDRRTH module. The internal Object Service Broker Resource Throttle Block indicated was dynamically created because it was not predefined in the resource table. This should not occur as all resources should be predefined.

Action: Contact TIBCO Support.

SB: Segment Balance Utility

S6BSB001E

Invalid/Unknown Option

Source: Segment Balance Utility

Explanation: An unidentified option or parameter was encountered

Action: Check and correct.

S6BSB002E

Segment # given is invalid

Source: Segment Balance Utility

Explanation: The segment number specified is invalid.

Action: Check and correct.

S6BSB003E

files missing or invalid

Source: Segment Balance Utility

Explanation: The new segment will be made up of a number of files or data sets; this number must be specified (-f / F parameter).

Action: Check and correct.

S6BSB004E

Number of pages invalid

Source: Segment Balance Utility

Explanation: The number of pages contained in the old archive (-p / P parameter) is an optional entry, but if entered it must be a valid numeric value.

Action: Check and correct.

S6BSB005E

Old archive path/name required

Source: Segment Balance Utility

Explanation: The full path and filename or the DDNAME (OLDARC) for the old archive must be specified.

Action: Check and correct.

S6BSB006E

Old archive cannot be opened

Source: Segment Balance Utility

Explanation: This may be caused by problems with the input device but most commonly is caused by: a lack of read-authority or an incorrect file name (DSN). For Solaris, it may be caused by the file size being over 2 gigabytes.

Action: Check and correct. If you require the Large File Support feature, contact TIBCO Support.

S6BSB007E

New archive cannot be opened

Source: Segment Balance Utility

Explanation: The new archive (-N / DDNAME NEWARC) cannot be opened.

Action: Check and correct.

S6BSB008W

File will be over 90% full

Source: Segment Balance Utility

Explanation: This warning is issued if, after balancing, the new archive (single file or data set segment) will be 90% or more full.

Action: No action required.

S6BSB010E

Insufficient memory

Source: Segment Balance Utility

Explanation: The utility could not acquire sufficient memory to complete the request.

Action: Check the audit report for total memory required.

S6BSB011E

I/O Error

Source: Segment Balance Utility

Explanation: An I/O error was encountered on the file or data set identified.

Action: Investigate, correct and retry.

S6BSB012E

Program Error

Source: Segment Balance Utility

Explanation: The Segment Balance utility has terminated prematurely due to a previous error. An error message will have been issued describing this error.

Action: If unable to determine the cause of the failure from the error messages issued by the utility contact TIBCO support for assistance.

S6BSB013E

Unexpected End of File

Source: Segment Balance Utility

Explanation: An unexpected end of file was encountered while reading the old archive. The most probable cause of this error is an incomplete archive.

Action: Make sure the archive is complete and try again.

S6BSB014E

Unable to reopen old archive

Source: Segment Balance Utility

Explanation: The old archive is read twice. On the second pass the utility was unable to open it.

Action: Correct and try again.

S6BSB016W**Duplicate Page**

Source: Segment Balance Utility

Explanation: The utility has encountered a duplicate page (two pages with the same page number).

Action: This is a warning only. The same situation will exist in the new archive after balancing. This is considered an error by batch pointer check.

S6BSB017E**Control page missing**

Source: Segment Balance Utility

Explanation: A control (bitmap) page is missing on the old archive.

Action: Balancing cannot be done while this condition exists. Run batch pointer check on the old archive and correct all errors before attempting to balance the archive.

S6BSB018E**Illegal sequence**

Source: Segment Balance Utility

Explanation: Pages are not in sequence on the old archive.

Action: Balancing cannot be done while this condition exists. Run pointer check on the old archive and correct all errors before attempting to balance the archive.

S6BSB022E**Page List Area overflow (# archive pages error)**

Source: Segment Balance Utility

Explanation: The size of the PLA is dependent on the # pages to be processed. This value can be

S6BSB019E**System Pages missing**

Source: Segment Balance Utility

Explanation: All archives require Object Service Broker system pages to be present; on the old archive, system pages are incomplete.

Action: Balancing cannot be done while this condition exists. Run pointer check on the old archive and correct all errors before attempting to balance the archive.

S6BSB020E**Control Page PREV/NEXT pointers invalid**

Source: Segment Balance Utility

Explanation: Control pages must be correctly formatted in order to do balancing.

Action: Balancing cannot be done while this condition exists. Run pointer check on the old archive and correct all errors before attempting to balance the archive.

S6BSB021E**Control Page invalid**

Source: Segment Balance Utility

Explanation: Control pages must be valid in order to do balancing.

Action: Balancing cannot be done while this condition exists. Run batch pointer check on the old archive and correct all errors before attempting to balance the archive.

either a supplied value (-p / P parameter) or the default; in either case the number of pages was not a realistic estimate of the number of pages in the archive.

Action: Try again with a more realistic estimate.

S6BSB023E**No records found****Source:** Segment Balance Utility**Explanation:** No records for this segment were found in the old archive.**Action:** Enter the correct segment # or the correct old archive.**S6BSB024W****Tagged Page Type****Source:** Segment Balance Utility**Explanation:** A tagged page type was encountered; this page will remain tagged after balancing. This is a warning, but batch pointer check will also report the existence of this tagged page.**Action:** No action required.**S6BSB025E****Invalid Page Type****Source:** Segment Balance Utility**Explanation:** An invalid page (type) was found on the old archive.**Action:** Balancing cannot be done while this condition exists. Run batch pointer check on the old archive and correct all errors before attempting to balance the archive.**S6BSB026E****Page List overflow; -p option error****Source:** Segment Balance Utility**Explanation:** The size of the PLA is dependent on the # pages to be processed. This value can be either a supplied value (-p / P parameter) or the default, but in this case the number of pages was not a realistic estimate of the number of pages in the archive.**Action:** Try again with a more realistic estimate.**S6BSB027W****Free Page system says in use****Source:** Segment Balance Utility**Explanation:** A free page has been encountered that, according to the control page (bitmap), is in use. This condition will be carried over to the new archive.**Action:** This is a warning; however, this segment-error condition will be reported by batch pointer check.**S6BSB028E****Invalid Control page pointers****Source:** Segment Balance Utility**Explanation:** Control Page pointers have been corrupted.**Action:** Balancing cannot be done while this condition exists. Run batch pointer check on the old archive and correct all errors before attempting to balance the archive.

S6BSB029E**Invalid page size values**

Source: Segment Balance Utility

Explanation: This page has invalid header information.

Action: Balancing cannot be done while this condition exists. Run batch pointer check on the old archive and correct all errors before attempting to balance the archive.

S6BSB030W**Secondary Index flagged invalid**

Source: Segment Balance Utility

Explanation: The secondary index is invalidated.

Action: Warning only; no action required.

S6BSB032I**File 90% full warning given and was instructed to continue**

Source: Segment Balance Utility

Explanation: The Operator was warned of this condition and chose to continue.

Action: No action required.

S6BSB033I**Process cancelled by Operator**

Source: Segment Balance Utility

Explanation: Operator chose to discontinue processing.

Action: No action required.

S6BSB034E**Control Page Number exceeds maximum**

Source: Segment Balance Utility

Explanation: The old archive's pages will not fit on the number of files or data sets specified for the new archive.

Action: Investigate and redefine your requirements.

S6BSB040E**Invalid INPUT RECFM must be VB or FB**

Source: Segment Balance Utility

Explanation: z/OS users only:

- If the old archive is a z/OS archive, or a Windows or Solaris archive reformatted by the S6BBRFRU utility, its RECFM must be VB.
- If the old archive is an unformatted Windows or Solaris archive, its RECFM can be either VB or FB.

Action: Correct and retry.

S6BSB041E**Invalid OUTPUT RECFM must be VB**

Source: Segment Balance Utility

Explanation: z/OS users only: the RECFM of the new archive must always be VB.

Action: Correct and retry.

S6BSB042E**Incorrect OUTPUT LRECL must be at least 4100**

Source: Segment Balance Utility

Explanation: z/OS users only: the new archive LRECL is invalid.

Action: Correct and retry.

S6BSB043E

Input LRECL not acceptable must be at least 36

Source: Segment Balance Utility

Explanation: z/OS users only: the old archive
LRECL is invalid.

Action: Correct and retry.

S6BSB044E

Could not CLOSE NEWARC

Source: Segment Balance Utility

Explanation: z/OS users only: After finishing the
balance, it was not possible to close the
output data set (NEWARC).

Action: Investigate the reason for the error and
ensure that the new archive is complete
before using it. If in doubt, rerun the job.

SI: SVC Install Program

S6BSI001I

Type 3 SVC number nnn install successful, Version: vvvvvvvv

Source: SVC Install Program

Explanation: Indicates the successful installation of the SVC routine. In the message:

- nnn is the SVC number installed
- vvvvvvvv is the version installed

Action: No action is required.

S6BSI002E

SVC number ??? invalid (Valid range: 200-255)

Source: SVC Install Program

Explanation: An invalid SVC number was defined to the system at initialization.

Action: Define the SVC number statically using PARMLIB member IEASVCxx and the LPALIB, or define the SVC number dynamically using the program S6BSVCIN.

S6BSI003I

Type 3 SVC nnn replace successful, Old: 0000000000000000 New: vvvvvvvvvvvvvvvv

Source: SVC Install Program

Explanation: Indicates the SVC routine Replace operation was successful. In the message:

- nnn is the SVC number
- 0000000000000000 is the old version identification

- vvvvvvvvvvvvvvvv is the new version identification

Action: No action is required.

S6BSI004E

Invalid function request: rrrrrrr (Valid requests: ADD, DELETE or REPLACE)

Source: SVC Install Program

Explanation: The function requested is invalid. In the message, rrrrrrr is the input request. Valid requests are: ADD, DELETE, or REPLACE.

Action: Correct the function request and resubmit the JOB.

S6BSI005E

GETMAIN from SQA for SVC routine failed

Source: SVC Install Program

Explanation: S6BSVCIN was unable to obtain storage from the SQA for the SVC routine.

Action: See the reason code supplied with the abend for the GETMAIN return code.

S6BSI006E

LOAD failed for SVC routine rrrrrrr

Source: SVC Install Program

Explanation: S6BSVCIN was unable to LOAD the SVC. The reason code supplies the loader return code via the abend.

Action: Check that the SVC is in STEPLIB.

S6BSI007E**Directed LOAD failed for SVC routine****Source:** SVC Install Program**Explanation:** S6BSVCIN was unable to load the SVC into SQA storage. The reason code supplies the loader return code via the abend.**Action:** Check that the SVC is in STEPLIB.**S6BSI008E****GETMAIN for local work storage failed****Source:** SVC Install Program**Explanation:** S6BSVCIN was unable to obtain local program work storage.**Action:** See the reason code supplied by the GETMAIN return code via the abend.**S6BSI009E****SVCUPDTE for SVC nnn failed****Source:** SVC Install Program**Explanation:** S6BSVCIN was unable to define the SVC to the system. In the message, nnn is the SVC number in decimal.**Action:** Check the return code provided via the abend reason code.**S6BSI010E****S6BSVCIN module is not APF authorized****Source:** SVC Install Program**Explanation:** Module S6BSVCIN is not APF authorized.**Action:** Insure that S6BSVCIN has been linked authorized and/or is executing from an authorized library.**S6BSI011E****SVC number nnn is in use, add failed****Source:** SVC Install Program**Explanation:** The SVC number specified is not available to be used. The "add" function request failed. In the message, nnn is the SVC number in decimal.**Action:** Try another number or redefine the existing one.**S6BSI012E****Type 3 SVC number ??? delete successful,****Version:** vvvvvvvvvvvvvvvvv**Source:** SVC Install Program**Explanation:** The SVC number currently defined has been successfully removed. In the message, vvvvvvvvvvvvvvvvv is the version identification.**Action:** No action is required.**S6BSI013E****"SVCUPDTE DELETE" for SVC nnn failed****Source:** SVC Install Program**Explanation:** The SVCUPDTE DELETE operation was unsuccessful. The "delete" function request failed.**Action:** Check the return code provided via the abend reason code.

S6BSI014E

SVC nnn delete failed, version mismatch.

STEPLIB: pppppppp vvvv **Current:** pppppppp vvvv

Source: SVC Install Program

Explanation: The SVC routine ID and the version have to match with the copy in the STEPLIB library for the delete request to be honored. In the message:

- pppppppp is the SVC routine ID
- vvvv is the SVC routine version

Action: Confirm the SVC version that is installed is the same as that in the STEPLIB library. If different, use the correct library or confirm that the SVC number specified is indeed the correct Object Service Broker SVC to be deleted. Correct the error and resubmit the JOB.

S6BSI015E

mmmmmmmm not found in STEPLIB

Source: SVC Install Program

Explanation: The default installation EECONFIG module could not be found in STEPLIB. In the message, mmmmmmmmm is the module name.

Action: Ensure that the named module is in STEPLIB.

S6BSI016E

SVC nnn in use is not TIBCO(r) Object Service Broker SVC routine, replace failed

Source: SVC Install Program

Explanation: The current SVC nnn routine in use is not TIBCO(r) Object Service Broker SVC routine, therefore the replace request is rejected.

Action: Take one of the following actions: 1) Correct the SVC number if it is incorrect. 2) If the SVC number specified is correct, then use the "delete" function to delete the SVC routine first then use the "add" function to add the new SVC routine.

S6BSI017E

Module IGCERROR not in NUCLEUS MAP

Source: SVC Install Program

Explanation: The IGCERROR module is not on the z/OS nucleus map.

Action: Ensure that IBM module IGCERROR is linked into the z/OS nucleus map.

S6BSI019E

SVC nnn is actively being used by an Execution Environment

Source: SVC Install Program

Explanation: The SVC being added, replaced, or deleted is currently in use by one or more Execution Environments.

Action: Rerun this program once all Execution Environments using this SVC have been quiesced.

SK: ODBC Gateway/Oracle Gateway

S6BSK001E

DBSource % in the definition of % does not match the gateway's TRXDB %

Source: ODBC Gateway/Oracle Gateway

Explanation: Under Security Level=1, an attempt was made to modify data via an SLK definition, referring to the data source, which is different from the gateway's Fail Safe transaction database (TRXDB).

Action: Make sure the data source name in the definition matches the Fail Safe transaction database (TRXDB) in the gateway session configuration.

S6BSK002E

Unqualified delete request on the table %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: An attempt was made to delete a row of a table, while no current occurrence was available and no WHERE clause was specified.

Action: The occurrence cannot be deleted unless it has been read previously or specified by means of a WHERE clause in the delete statement.

S6BSK005E

Illegal attempt to update the table %

Source: ODBC Gateway/Oracle Gateway

Explanation: An attempt has been made to modify data via an SLK definition, while the definition is either reserved or maps a non-

S6BSK003E

% %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: Either the client interface (ODBC or OCI) or the target DBMS has issued an error message. Depending on the nature of the error, this message may also refer to the table and field (in parentheses), which were being processed when the error occurred.

Action: Refer to the Error Messages in your ODBC documentation, the documentation provided with your target DBMS, or your Oracle documentation.

S6BSK004E

Failed to initialize the gateway's Fail Safe DBSource %

Source: ODBC Gateway/Oracle Gateway

Explanation: At Fail Safe query time, the gateway failed to establish a connection to the Fail Safe transaction database (TRXDB).

Action: Make sure the transaction database in the gateway session configuration (TRXDB, FSTABLENAME, RECOVERYID, RECOVERYPASSWORD) is properly set up.

modifiable entity.

Action: Make sure no attempts are made to modify data by means of this definition.

S6BSK006E

The DBSource % does not support %.

Source: ODBC Gateway/Oracle Gateway

Explanation: The operation was rejected. In most cases, a data modification request was submitted to a read-only external DBMS session.

Action: Make sure your transaction mode (BROWSE, NOBROWSE) matches your target DBMS's mode of operation.

S6BSK007E

The versions of the DB and binary components do not match: % and % respectively

Source: ODBC Gateway/Oracle Gateway

Explanation: The version of the Object Service Broker database objects does not match that of the binary component (LIBHRNSQ.dll for ODBC Gateway on Windows, LIBHRNOR.dll for Oracle Gateway on Windows, LIBHRNOR for Oracle Gateway on Solaris).

Action: Make sure the releases of the Object Service Broker software you are running are consistent. Run the rule @COMP_INSTALLED to verify the release information associated with the database objects.

S6BSK008E

% %: % (connection failure)

Source: ODBC Gateway/Oracle Gateway

Explanation: An error message has been issued either by the client interface (ODBC, OCI) you use or by the target DBMS. The connection was broken. If appropriate, the message also refers to the table, which was being processed when the error occurred.

Action: Refer to the Error Messages in your ODBC documentation, the documentation provided with target DBMS, or your Oracle documentation.

S6BSK012E

An error has occurred at connection time: %

Source: ODBC Gateway/Oracle Gateway

Explanation: A connection attempt was rejected.

Action: Test your ODBC data source for connectivity using any ODBC-compliant tool, or test your Oracle connectivity using Oracle's tools. Note that this error may occur because of invalid security information used by the gateway. Refer to the Object Service Broker ODBC/Oracle Gateway manual for information on security configuration.

S6BSK013E

GET (as opposed to FORALL) request on reserved table %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: A GET request was issued against an interpreted (reserved) table. The data source name has been dynamically inserted in the definition. Only FORALL is allowed for this table. The Object Service Broker ODBC/Oracle Gateway recognizes the following reserved table names:

@SLKTABLES, @SLKCOLUMNS,
 @SLKQUALIFIERS, @SLKOWNERS,
 @SLKPROCEDURES,
 @SLKPROCCOLUMNS.

Action: Avoid accessing the above tables. If this error message occurs again, contact TIBCO Support.

S6BSK014E

Corrupted definition of reserved table % : %

Source: ODBC Gateway/Oracle Gateway

Explanation: The table is an interpreted (reserved) SLK table. The data source name was dynamically inserted in the definition. The definition was modified beyond usability.

Action: Make sure no corruption has occurred in your database, as the definition is essential to the gateway.

S6BSK015E

Insert/update field list empty (table %) : %

Source: ODBC Gateway/Oracle Gateway

Explanation: The process of building an UPDATE/INSERT SQL statement for the table has resulted in an empty field list. This can occur if your definition declares all of its fields to be virtual.

Action: Make sure your definition correctly reflects your view of the table it maps. If yes, INSERT/REPLACE is not allowed.

S6BSK018E

Invalid update request on table %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: An invalid attempt was made to modify data.

Action: Make sure this table is not modified by the application.

S6BSK019E

The server lost track of cursor on the table %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: While performing a FORALL on the table, the gateway has lost its cursor position.

Action: This situation indicates possible memory corruption. Contact TIBCO Support.

S6BSK021E

Unable to create an additional statement context: %

Source: ODBC Gateway/Oracle Gateway

Explanation: While accessing the table, the gateway failed to create an additional statement context.

Action: Reduce the number of tables accessed that refer to the same data source within one transaction; this data source has exhausted the maximum number of statement contexts that the target DBMS allows to exist simultaneously.

S6BSK027E

Invalid HANDLE field value in WHERE clause: stored proc result set %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: While processing a request to the stored procedure result set mapping, a value for @HANDLE@ was detected that points to no actual procedure execution context.

Action: Review your WHERE clause and make sure it the value for @HANDLE@= refers to a handle returned by a CALL/EXECUTE/TRANSFERCALL statement previously issued against a stored procedure mapping.

S6BSK028E

"R" or "O" parameter in WHERE clause: stored proc %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: While processing a request to the stored procedure mapping, references to return value and/or output parameters have been detected.

Action: Review your parameter list (or WHERE clause) and make sure it references input and input/output parameters only.

S6BSK029E

DBSource or TableName missing at runtime (table %): %

Source: ODBC Gateway/Oracle Gateway

Explanation: The definition of the table contains empty DBSource and/or TableName server parameters.

Action: Review your definition to make sure both values are specified. If you use the Dynamic Server Parameter facility, review your code to make sure the definition is complete at data request time.

S6BSK030E

Invalid WHERE clause (table %) : %

Source: ODBC Gateway/Oracle Gateway

Explanation: While processing a request to the table, an invalid WHERE clause was detected.

Action: Review your WHERE clause and make sure it is correct.

S6BSK031E

Invalid field mapping or data corrupted/truncated (field %, table %) : %

Source: ODBC Gateway/Oracle Gateway

Explanation: While converting the field of the table, a data conversion error occurred.

Action: Review your definition. Make sure the external and Object Service Broker syntaxes you specified are compatible.

S6BSK032E

No HANDLE field reference in WHERE clause: stored proc result set %: %

Source: ODBC Gateway/Oracle Gateway

Explanation: While processing a request to the stored procedure result set mapping, no reference to @HANDLE@ was detected.

Action: Review your WHERE clause and make sure it unambiguously specifies the value for @HANDLE@.

S6BSK034E

DBSource not found (table %): %

Source: ODBC Gateway/Oracle Gateway

Explanation: The ODBC data source the definition of the table refers to does not exist.

Action: Review your definition and make sure the data source name you specified is correct. If yes, run the ODBC Administrator and make sure this data source exists and is properly configured.

S6BSK036E

Illegal attempt to execute a catalog function (table %): %

Source: ODBC Gateway/Oracle Gateway

Explanation: An attempt has taken place to execute, as a stored procedure, the interpreted (reserved) table.

Action: Review your application and make sure you are not attempting to CALL/EXECUTE/TRANSFERCALL one of the following: @SLKTABLES, @SLKCOLUMNS, @SLKQUALIFIERS, @SLKOWNERS, @SLKPROCEDURES, @SLKPROCCOLUMNS.

S6BSK037E

TIBCO Service Gateway for ODBC has not been installed

Source: ODBC Gateway/Oracle Gateway

Explanation: TIBCO Service Gateway for ODBC is a component of TIBCO Object Service Broker and has to be separately purchased and installed.

Action: Obtain and install the Service Gateway for ODBC.

S6BSK038E

TIBCO Service Gateway for Oracle has not been installed

Source: ODBC Gateway/Oracle Gateway

Explanation: TIBCO Service Gateway for Oracle is a component of TIBCO Object Service Broker and has to be separately purchased and installed.

Action: Obtain and install the Service Gateway for Oracle.

SM: Session Manager

S6BSM001E

Session Manager failed

Source: Session Manager

Explanation: The session startup rule or the workbench failed.

Action: The message log is automatically printed if a startup rule or workbench fails. Browse the log in the output of the job for more information.

S6BSM002E

Folding, printability tables cannot be loaded

Source: Session Manager

Explanation: The specified CHARSET is invalid or is not supported. CHARSET is a session parameter.

Action: Verify the list of valid CHARSETS.

S6BSM003E

Invalid Execution Mode

Source: Session Manager

Explanation: You specified the EXECMODE Execution Environment parameter with a value other than Y.

EXECMODE is obsolete and remains in Object Service Broker for legacy purposes only.

Action: Remove EXECMODE or specify EXECMODE=Y. In either case, you get strong type checking in the Rule Editor without logging of violations.

S6BSM005E

Logon rejected - session limit reached

Source: Session Manager

Explanation: This message is issued by the SESSMGR module. The logon request was rejected by the Data Object Broker because the limit for the number of sessions set by the installation has been reached.

Action: Consult your System Administrator.

S6BSM006E

Logon rejected - restricted to operators at this time

Source: Session Manager

Explanation: This message is issued by the SESSMGR module. The Data Object Broker is restricting logons to operators only.

Action: Consult your System Administrator.

S6BSM007E

Logon rejected - batch connections are not being accepted at this time

Source: Session Manager

Explanation: This message is issued by the SESSMGR module. The Data Object Broker is not accepting batch connections.

Action: Consult your System Administrator.

S6BSM008E**Version mismatch detected****Source:** Session Manager**Explanation:** The release level of the Execution Environment software is not compatible with the release level of the Data Object Broker.**Action:** Verify that you are logging onto the intended Data Object Broker. If you are, then contact your system administrator.**S6BSM009E****USERID already logged on****Source:** Session Manager**Explanation:** You are attempting to log on with a userid that is already being used.**Action:** Verify that the userid was correctly entered and that you are logging on to the intended Data Object Broker. If these are correct, contact your system administrator.**S6BSM010E****Communication error during LOGON
SENSE=X'9999' ID=XXXXXXXX****Source:** Session Manager**Explanation:** A communication error occurred when the session attempted to connect to the Data Object Broker. The Data Object Broker may be quiesced.**Action:** If the Data Object Broker is not quiesced, contact TIBCO Support.**S6BSM011E****Logon rejected - userid missing****Source:** Session Manager**Explanation:** You did not specify a userid.**Action:** Review the entered HURN CICS command, or your batch JCL session parameters, to ensure that a userid has been specified.**S6BSM012E****USERID exceeds 8 characters****Source:** Session Manager**Explanation:** You specified an invalid userid. The name contains more than 8 characters.**Action:** Verify that you have entered a correct userid when logging on.**S6BSM013E****USERID not added to Execution Environment
List****Source:** Session Manager**Explanation:** During Execution Environment logon processing, HDRSBUSR could not add a new userid to the Execution Environment's list of users.**Action:** Contact TIBCO Support.**S6BSM014E****USERID not removed from Execution
Environment List****Source:** Session Manager**Explanation:** During Execution Environment logoff processing, HDRSBUSR could not remove the session's userid from the Execution Environments's list of users.**Action:** Contact TIBCO Support.

S6BSM015E

Session Scope Storage could not be initialized

Source: Session Manager

Explanation: During logon processing, the storage manager could not initialize a scope for session storage.

Action: Contact TIBCO Support.

S6BSM016E

Session Scope Storage could not be released

Source: Session Manager

Explanation: During logon processing, the storage manager could not terminate the scope for session storage.

Action: Contact TIBCO Support.

S6BSM017E

LOGON terminated - terminal timeout cleanup in progress, try again later

Source: Session Manager

Explanation: The current session was canceled because the user's terminal has been inactive for too long.

Action: Press the <Enter> key and attempt to log on again. The maximum period of time a terminal may be left inactive is controlled by the TIMEOUTLIMIT Execution Environment parameter.

S6BSM018E

Unable to Logon - unknown SENSE=X'9999' ID=XXXXXXXX

Source: Session Manager

Explanation: You cannot connect to the Data Object Broker. For an explanation of the SENSE information, refer to message S6BKC036.

Action: Refer to message S6BKC036.

S6BSM019E

LOGON terminated at Security Logon

Source: Session Manager

Explanation: You failed logon security validation.

Action: Review any previous security messages to determine the action to be taken.

S6BSM020E

Shared Rules Area Initialization failed

Source: Session Manager

Explanation: The rule manager detected an error during initialization.

Action: The message log is automatically printed if a startup rule or workbench fails. Browse the log in the output of the job for more information.

S6BSM021E

Logon SMF initialization failed

Source: Session Manager

Explanation: The EVENT/SMF monitor detected an error during session initialization.

Action: Contact TIBCO Support.

S6BSM022E**EXITSES1 exit failed****Source:** Session Manager**Explanation:** The pre-session create user exit detected an error.**Action:** A session create exit for the Execution Environment Exit Facility has been defined by the installation. Review the exit defined by HRNXD to determine why the exit returned a nonzero return code.**S6BSM023E****Scope Storage Modification failed****Source:** Session Manager**Explanation:** Default storage limits and thresholds for a session could not be changed.**Action:** Contact TIBCO Support.**S6BSM024E****Session SMF initialization failed****Source:** Session Manager**Explanation:** The EVENT/SMF monitor detected an error during session recording initialization.**Action:** Contact TIBCO Support.**S6BSM025E****EXITSES2 exit failed****Source:** Session Manager**Explanation:** The pre-execution session user exit detected an error.**Action:** A pre-execution session exit for the Execution Environment Exit Facility has been defined by the installation. Review the exit defined by HRNXD to determine why the exit returned a nonzero return code.**S6BSM026E****Security Logoff failed****Source:** Session Manager**Explanation:** The security logoff process detected an error.**Action:** Review any previous messages from security logoff processing to determine the action to be taken.**S6BSM027E****Environment initialization error****Source:** Session Manager**Explanation:** Initialization of the run time environment failed.**Action:** Contact TIBCO Support.**S6BSM028E****CAPTURE/REPLAY exit EXITSESR failed****Source:** Session Manager**Explanation:** Insertion of the Capture/Replay facility exit failed.**Action:** Contact TIBCO Support.

S6BSM029E**Storage not available in Data Object Broker****Source:** Session Manager**Explanation:** This message is issued by the SESSMGR module. The Data Object Broker is not accepting any logons due to storage constraints.**Action:** Check the Data Object Broker for more messages, and contact your system administrator.**S6BSM030E****Internal parameter error SENSE=X'9999'
ID=XXXXXXXX****Source:** Session Manager**Explanation:** This message is issued by the SESSMGR module. An internal parameter error has been detected.**Action:** Contact TIBCO Support.**S6BSM031E****Message-out length error detected****Source:** Session Manager**Explanation:** This message is issued by the SESSMGR module. A length error has been detected during session end processing. Either the length is a negative number or it exceeded the maximum of 31 KB for a message segment.**Action:** Correct the error and retry or contact TIBCO Support.**S6BSM032E****Logon rejected - system is in quiesce state****Source:** Session Manager**Explanation:** The Data Object Broker is in a quiescent state and is not accepting any logons at this time.**Action:** Check with your System Administrator to find out when you should try again.**S6BSM033I****Execution Environment shutdown in progress****Source:** Session Manager**Explanation:** The Execution Environment is being shut down and is not accepting any logons at this time.**Action:** Check with your System Administrator to find out when you should try again.**S6BSM034I****Path not defined to the Path Management System****Source:** Session Manager**Explanation:** Execution Environment startup parameters SERVERTYPE= or SERVERID= may have been misspelled, omitted, or may not be coordinated with the Resource Management System.**Action:** Use the TSO ADMIN clist to access the Resource Management System and verify that path definitions are coordinated with Execution Environment startup parameters SERVERTYPE= ("TYPE" in Path Management) and SERVERID= ("GROUP ID" in Path Management).

S6BSM035I**Path already at resource limit****Source:** Session Manager**Explanation:** The CONNECTIONS MAX value in the Path Management System definition for a specific path has been exceeded by the number of paths requested from the Execution Environment.**Action:** Use the TSO ADMIN clist to access the Path Management System, and increase the CONNECTIONS MAX value for the path in question. Then reissue the request for paths from the Execution Environment.**S6BSM036I****Server limit in path exceeds max servers****Source:** Session Manager**Explanation:** Possible logic error in Path Management System.**Action:** Contact TIBCO Support.**S6BSM037I****Characteristics different than configured****Source:** Session Manager**Explanation:** An external resource (DBMS gateway, Remote Rule Server or Peer System) connection has been rejected with a return code of x'08' and a reason code of x'30'. This means the flags identifying the characteristics of the resource do not match the requirements specified in the Path

Management system. A KC081 message on the Data Object Broker console log identifies the resource characteristics that were failed at connection time.

Action: Review the KC081 message on the Data Object Broker console log, and coordinate similar parameters specified in Execution Environment, Data Object Broker and Path Management (e.g., FSLEVEL).**S6BSM038I****Expected associated connection not found****Source:** Session Manager**Explanation:** A peer serverid defined on one Data Object Broker is not defined as expected on another Data Object Broker.**Action:** Use the TSO ADMIN CLIST to access the Path Management System on both Data Object Brokers, and examine and coordinate the peer server definitions between them.**S6BSM039I****Specified associated user id is duplicated****Source:** Session Manager**Explanation:** A peer serverid on one Data Object Broker is already defined for use on another Data Object Broker.**Action:** Use the TSO ADMIN clist to access the Path Management System on both Data Object Brokers, and examine and coordinate the peer server definitions between them.

S6BSM040I**Server path id not specified****Source:** Session Manager**Explanation:** The Execution Environment has not specified a supported serverid to the Path Management System in the Data Object Broker.**Action:** Use the TSO ADMIN clist to access the Path Management System, and verify that the paths are defined correctly. Check that the SERVERID= startup parameter in the Execution Environment has been specified correctly. If the message persists, contact TIBCO Support.**S6BSM041E****DISPLAYCODEPAGE value not supported****Source:** Session Manager**Explanation:** The session received a DISPLAYCODEPAGE value that is invalid or unsupported. This message is only applicable in a z/OS environment.**Action:** Correct the value of the session parameter DISPLAYCODEPAGE.**S6BSM042E****NLS initialization failed****Source:** Session Manager**Explanation:** The NLS initialization routine has failed. Either the NLS specification in table @NLS1 is invalid or the loading of the required translation tables has failed.**Action:** Check the log for previous error messages issued during NLS initialization. Respecify correct values for the @NLS1 fields if they are invalid, and ensure the required translation table modules are available and on the search path.**S6BSM043E****CODEPAGE FILE ERROR - TYPE n, RETURN CODE = xx****Source:** Session Manager**Explanation:** An error has been detected reading the value of the LOCALE_CP field in the table @NLS1 for the SELF row. The error type n is as follows:

1. Execution Environment to Data Object Broker communication has failed
 2. Transaction aborted by Data Object Broker
 3. A GETFAIL has been generated by the read of @NLS1
 4. A serious error has occurred
- xx is the return code from the read.

Action: Take the action corresponding to the number of the error type:

1. Check the communications path between the Execution Environment and the Data Object Broker.
2. Check the Data Object Broker for error messages and take corrective action as necessary.
3. Check the table definition and the contents of table @NLS1 and correct as necessary.
4. Check the table definition and the contents of table @NLS1 and correct as necessary.

S6BSM044E**Communication with the DOB failed, Peer Server terminated; ID=% Current user=%****Source:** Session Manager**Explanation:** An attempt to communicate with the Data Object Broker ended with an error. The most likely cause of the problem is that the connection between the Execution Environment and the Data Object Broker is broken because the Data Object Broker

abnormally terminated. The ID in the message text is the Peer Server that detected the problem and Current user is the user session being served at the time of error.

Action: The peer server is terminated by the Execution Environment. If the Data Object Broker did indeed terminate abnormally, shutdown and restart the Execution Environment after the Data Object Broker becomes available again.

If it was a transient communication problem, you can restart the peer server using one of the following commands:

- For a native Execution Environment:

```
/F neejobname,STARTN=1,TYPE=API
```

- For a CICS Execution Environment:

```
/F cicsjobname,HSRV  
STARTN=1,TYPE=API
```

S6BSM045E

TAMNLS.nlsinit ended with RC=%

Source: Session Manager

Explanation: RC is the Return Code from the execution of the TAMNLS.nlsinit module.

Action: Contact TIBCO Support for assistance.

S6BSM046E

LOAD failed for NLS translate table module %

Source: Session Manager

Explanation: Attempt to load the indicated NLS translate table module was unsuccessful.

Action: Contact TIBCO Support for assistance.

S6BSM047E

Logon rejected - CICS display limit reached

Source: Session Manager

Explanation: The logon request was rejected by the Data Object Broker because the limit for the number of CICS display-style sessions set by the installation has been reached.

Action: Consult with your system administrator to review the setting of MAXDISPLAY.

S6BSM048E

Logon rejected - CICS access is not licensed

Source: Session Manager

Explanation: The logon request was rejected by the Data Object Broker because it is not licensed for access from CICS systems.

Action: Consult with your system administrator.

S6BSM099E

Pseudoregister length is too large

Source: Session Manager

Explanation: The stack space reserved for the SAS/C modules is less than indicated in the pseudoregister. This is an Object Service Broker internal error.

Action: Contact TIBCO Support for assistance.

S6BSM100E**Incorrect password or userid****Source:** Session Manager**Explanation:** You are not permitted to log on with the userid and password combination specified.**Action:** Verify that the userid and the password are correctly entered and that you are logging on to the intended Data Object Broker. Otherwise, contact your security administrator for assistance.**S6BSM101E****Severe screen I/O error****Source:** Session Manager**Explanation:** The Execution Environment detected an error when prompting a user for a password.**Action:** Contact TIBCO Support.**S6BSM102E****Invalid userid: %****Source:** Session Manager**Explanation:** The userid specified is not defined to the Data Object Broker being accessed.**Action:** Verify that the userid is correctly entered, and that you are logging on to the intended Data Object Broker. Otherwise, contact your security administrator for assistance.**S6BSM103E****Security File definition error****Source:** Session Manager**Explanation:** A communications error was detected during logon security validation. The type and return code reported give information about the specific communications error. A hex dump of the message buffer contents will also be written.**Action:** In most situations, simply retry the logon. If the problem persists, contact TIBCO Support.**S6BSM104E****UserId % cannot access system at this time****Source:** Session Manager**Explanation:** The userid specified cannot log on during the time period specified in the User Profile.**Action:** Contact your security administrator for assistance.**S6BSM105E****Cannot logon from ID: %****Source:** Session Manager**Explanation:** The logon failed because the userid specified must match the environment identifier. Your type of session determines the environment identifier.**Action:** Verify that the userid is correctly entered and that you are logging on to the intended Data Object Broker. If they both are correct, logon to TSO or CICS using the user ID as your environment identifier. If you are using batch processing, specify the userid with the USERID keyword on your jobcard.

S6BSM106E

No userid was specified

Source: Session Manager

Explanation: No userid was specified when logging on. Either no prompting was possible or the user did not enter a userid in response to the prompt.

Action: Specify a userid either as a TSO CLIST parameter or in response to the full-screen prompt.

S6BSM107E

Userid % is suspended. Contact your security administrator

Source: Session Manager

Explanation: The userid entered cannot logon because it has been suspended.

Action: Verify that the userid was correctly entered and that you are logging on to the intended Data Object Broker. Otherwise, contact your security administrator for assistance.

S6BSM108E

Logon of userid "%" cancelled

Source: Session Manager

Explanation: Function key <PF3> or <PF12> was pressed when a user was being prompted for a password.

Action: Retry the logon sequence if desired.

S6BSM109E

Password provided was invalid and cannot prompt for password

Source: Session Manager

Explanation: Either the password specified for the userid was incorrect or else it was not specified. Prompting for the correct value is not possible either because you are running from batch or from a seamless connection.

Action: Verify that the userid and password were correctly entered and that you are logging on to the intended Data Object Broker. Otherwise, contact your security administrator for assistance.

S6BSM110E

Initialization failed (SMG)

Source: Session Manager

Explanation: Session initialization failed.

Action: Contact TIBCO Support.

S6BSM111E

Session has abnormally terminated

Source: Session Manager

Explanation: Session failed abnormally.

Action: Contact TIBCO Support.

S6BSM113E

System cannot be accessed from this terminal

Source: Session Manager

Explanation: Due to RACF security restrictions, you cannot logon from this particular terminal.

Action: Logon from a terminal designated for use, or talk to the System Administrator.

S6BSM114E

Automatic password upgrade failed for userid:
%

Source: Session Manager

Explanation: During LOGON processing, an automatic password upgrade was attempted for this user due to a new encryption algorithm being present in the Execution Environment. The upgrade failed due to some previous error in the processing.

Action: Refer to a previous error message for an explanation and take appropriate action.

S6BSM116E

Decryption exit call failed for userid: %

Source: Session Manager

Explanation: The password description exit failed.

Action: Contact TIBCO Support.

S6BSM117E

Password provided has expired and cannot prompt for new password

Source: Session Manager

Explanation: The password for the external system has expired and the system needs to prompt for a new password but cannot do so.

Action: Logon to the external system via a terminal and set a new password for the user whose password has expired. Alternatively, logon to Object Service Broker using the user's Object Service Broker password instead of the external system password.

S6BSM123E

INTERNAL ERROR

Source: Session Manager

Explanation: An internal error was detected.

Action: If the problem persists, contact TIBCO Support.

S6BSM200E

TIBCO(r) Object Service Broker REQUIRES MVS/XA FOR THIS VERSION

Source: Session Manager

Explanation: You are trying to run this version on a system other than MVS/XA or later.

Action: Refer to the Installation and Operations for z/OS manual for more information.

S6BSM201E

TIBCO(r) Object Service Broker ALREADY ACTIVE IN THIS ADDRESS SPACE

Source: Session Manager

Explanation: You are attempting to start more than one Execution Environment in the same address space.

Action: Verify that neither a call to the TSOCMDS utility nor an external routine is attempting to start an Execution Environment from a transaction. Otherwise, contact TIBCO Support.

S6BSM202E**Initialization failed (SMG)****Source:** Session Manager

Explanation: A GETMAIN failure occurred during Data Object Broker initialization. SYSMVS was attempting to get x'2400' bytes (3 pages of 4 KB each) of memory below the line (i.e., 24-bit storage), and it failed.

Action: Contact TIBCO Support.**S6BSM203E****EXECUTION ENVIRONMENT
INITIALIZATION FAILED****Source:** Session Manager

Explanation: Execution Environment initialization failed. The reason for the failure is posted in a preceding message.

Action: Contact TIBCO Support.**S6BSM204E****ATTACH OF TIBCO(r) Object Service Broker
SERVER TASK FAILED, INITIALIZATION
TERMINATING****Source:** Session Manager

Explanation: Execution Environment initialization failed.

Action: Contact TIBCO Support.**S6BSM301E****Session initialization error, %****Source:** Session Manager

Explanation: An Execution Environment session could not be started.

Action: If storage could not be allocated, use the "ps" and "sar" UNIX commands to determine the reason. You may have started too many processes or there may be an insufficient amount of swap space allocated for paging. If you cannot determine the cause of the error, then make note of the complete message text and contact your system administrator.

S6BSM302E**'%' is an unsupported character set****Source:** Session Manager

Explanation: The name displayed is not a supported National character set.

Action: The CHARSET Execution Environment parameter determines the National character set to be used. CHARSET may be set on the command line and in the session and installation defaults parameter files. Verify that the character set specified is supported. Supported characters sets are documented in the Processing manual.

S6BSM303E**Could not open port for TDS(%) access****Source:** Session Manager

Explanation: The Execution Environment could not establish a connection to the Data Object Broker. The most common causes of this error are that no Data Object Broker has been

specified via the TDS Execution Environment parameter, or that the Data Object Broker that is specified is not available.

Action: See the session log for additional information. Verify that a value has been specified for the TDS parameter, or that a correct value is being used.

S6BSM304E

Session limit reached for TDS(%)

Source: Session Manager

Explanation: The Data Object Broker cannot service any more users at this time.

Action: The maximum number of users that can log on to a Data Object Broker is limited by the MAXUSERS Data Object Broker parameter. If you have started more than one Execution Environment, then end any sessions that are not required. The S6BTLADM utility can be used to determine what other sessions are active. If you still cannot log on, contact the System Administrator for the TDS you are trying to use.

S6BSM305E

TDS(%) rejected logon attempt

Source: Session Manager

Explanation: The Data Object Broker has rejected your logon attempt.

Action: The TDS Execution Environment parameter determines which Data Object Broker you wish to use. Verify that the correct TDS name has been specified. Otherwise, contact the System Administrator for the TDS being requested.

S6BSM306E

Could not contact TDS(%)

Source: Session Manager

Explanation: A communications error occurred when you attempted to log on to a Data Object Broker.

Action: The TDS Execution Environment parameter determines which Data Object Broker you want to use. Verify that the correct TDS name is specified. Otherwise, review the session log for more information and contact your system administrator.

S6BSM307E

fork of the session process failed, errno=%d

Source: Session Manager

Explanation: The Execution Environment could not complete initialization because a process could not be created.

Action: Use "ps" to determine whether your user has started too many processes. If so, end or kill any processes that are not required or are orphans. You may not be able to start a process because there are insufficient resources available on your machine. Use the "sar" command to determine whether you have reached the system's resource limit. Verify that you have enough swap (page space) to start a new process. Otherwise, contact your system administrator.

S6BSM313I**System logs****Source:** Session Manager**Explanation:** This message is issued when a transaction fails. It signals the beginning of a list of error messages that describe why the transaction failed. The list of messages appear in reverse chronological order, the most recent message first.**Action:** Study the Information Log.**S6BSM314I****User logs****Source:** Session Manager**Explanation:** This message signals the beginning of the user's message log in the session log file. The logs of the current transaction and its children appear in parent then child order.**Action:** Study the Information Log.**S6BSM315I****End of logs****Source:** Session Manager**Explanation:** This message signals the end of the logs in the session log file.**Action:** Study the Information Log.**S6BSM401E****Unsupported/unrecognized server type****Source:** Session Manager**Explanation:** The external gateway type specified by the SERVERTYPE Execution Environment parameter is not supported.**Action:** The gateway type can be specified on the command line that invoked the Execution Environment or in the HRNIN parameter file. Verify that the gateway type has been spelled correctly and that the type of gateway you wish to start is supported by your version of the Data Object Broker.**S6BSM503E****Data Object Broker rejected server registration****Source:** Session Manager**Explanation:** The Data Object Broker may not be running.**Action:** Make sure the Data Object Broker is up.**S6BSM507E****Logon request for remote user was rejected****Source:** Session Manager**Explanation:** Security validation failed.**Action:** Check your password and default library.**S6BSM510E****Unknown error****Source:** Session Manager**Explanation:** An internal problem has occurred.**Action:** Contact TIBCO Support.

S6BSM511I

External gateway session XXX starting up

Source: Session Manager

Explanation: External gateway session is starting now.

Action: No action required.

S6BSM512I

External gateway session XXX is shutting down

Source: Session Manager

Explanation: External gateway session is shutting down now.

Action: No action required.

S6BSM513E

Initialize of smGlobal_t failed

Source: Session Manager

Explanation: A memory shortage has occurred.

Action: Try to kill some processes.

S6BSM514E

Initialization of session parameter failed

Source: Session Manager

Explanation: A memory shortage has occurred.

Action: Try to kill some processes.

S6BSM515E

Initialization of session log failed

Source: Session Manager

Explanation: The session failed to create a log.

Action: Check client defaults.

S6BSM516E

Connection to DOB failed

Source: Session Manager

Explanation: The session failed to connect to the Data Object Broker.

Action: Check your huron.dir file.

S6BSM517E

Disconnection from DOB failed

Source: Session Manager

Explanation: The session failed to disconnect from the Data Object Broker.

Action: See session log for more information

S6BSM519E

Initialization of Euro-language support failed

Source: Session Manager

Explanation: A memory shortage has occurred.

Action: Try to kill some processes.

S6BSM520E

Initialization of Global Memory for CR rule binding failed

Source: Session Manager

Explanation: A memory shortage has occurred.

Action: Try to kill some processes.

S6BSM521E

Session level initialization of the rules executor failed

Source: Session Manager

Explanation: Executor initialization failed.

Action: See the session log for more information.

S6BSM522E

Initialization of the rules debugger failed

Source: Session Manager

Explanation: The session failed to initialize the rules debugger.

Action: See the session log for more information.

S6BSM523E

Get of TASKPARMS information from the DOB failed

Source: Session Manager

Explanation: The request for TASKPARAMS failed.

Action: See Data Object Broker log for more information.

S6BSM524E

Logon security processing failed

Source: Session Manager

Explanation: The logon procedure failed.

Action: Check your password and default library.

S6BSM525E

Initialization of screen colors failed

Source: Session Manager

Explanation: A memory shortage occurred.

Action: Try to kill some processes.

S6BSM526E

Initialization of window colors failed

Source: Session Manager

Explanation: A memory shortage occurred.

Action: Try to kill some processes.

S6BSM527E

Initialization of Hash tables for builtins and bound rules failed

Source: Session Manager

Explanation: Hash tables initialization failed.

Action: See the session log for more information.

S6BSM528E

Shared binding areas for Execution Environment do not exist

Source: Session Manager

Explanation: Session cannot access Execution Environment binding areas.

Action: See the Execution Environment log for more information.

S6BSM529E

Session not authorized to use the shared binding areas

Source: Session Manager

Explanation: An internal problem occurred.

Action: Contact TIBCO Support.

S6BSM530E

Session could not access the shared binding areas

Source: Session Manager

Explanation: An internal problem occurred.

Action: Contact TIBCO Support.

S6BSM531E

Invalid userid or password

Source: Session Manager

Explanation: You entered an invalid userid or password.

Action: Verify that the userid and password were correctly entered and that you are logging on to the intended Data Object Broker. Otherwise, contact your security administrator for assistance.

S6BSM999E

TDS(%) termination received

Source: Session Manager

Explanation: The Data Object Broker to which the osee is connected has sent the osee a termination signal.

Action: No action is required.

SP: External Gateways

S6BSP001E

Server failed to store table definition: "%"

Source: External Gateways

Explanation: The gateway for external data failed to store the Object Service Broker table definition. The main reason for this is that the table storage pool size (POOLSIZE) is not large enough.

Action: Restart the gateway with a larger POOLSIZE parameter value.

S6BSP003E

Unsupported request: "%"

Source: External Gateways

Explanation: The gateway for external data received a request that it cannot process. This is a symptom of a version mismatch.

Action: Ensure Object Service Broker and gateway release levels are compatible. If this does not resolve the problem then contact TIBCO Support.

S6BSP004E

Fail Safe level 1 table "%" has no server parameters

Source: External Gateways

Explanation: The Object Service Broker table that maps the external Fail Safe level-1 transaction database is not defined correctly.

Action: Correct the table definition.

S6BSP005E

Failed to load program "%" from library "%"

Source: External Gateways

Explanation: The interface routine between the external gateway and the external data gateway could not be loaded or is not valid. If you receive this message outside the context of an Object Service Broker external DBMS gateway, the attempt to load the specified program from the specified library failed for the reason indicated in the extension to this message. If the library value is NULL, the search on z/OS was done using the steplib searchpath.

On Windows and Solaris, a valid library from which programs/functions can be dynamically loaded must be specified.

Action: Specify a valid value for the EXTERNALROUTINE configuration parameter. Specify valid values for both program and library:

- On z/OS, valid values for library are SMG (steplib) or EXL (Object Service Broker external routines library).
- On Solaris, the library must be a valid .so file accessible at run time.
- On Windows, the library must be a valid .dll or .exe file. The library value can be specified as either an absolute path or simply as a file name.

S6BSP006E

Invalid Fail Safe transaction database table name: "%"

Source: External Gateways

Explanation: The indicated table name is not a valid Object Service Broker table name.

Action: Specify a valid Object Service Broker table name for the external Fail Safe level-1 transaction database (FSTABLENAME).

S6BSP007E

Server table definition storage pool, initialization failed

Source: External Gateways

Explanation: The gateway for external data failed to acquire and/or initialize the table definition storage pool specified on the POOLSIZE parameter.

Action: Reduce the POOLSIZE value or increase available memory.

S6BSP008I

Server session ended

Source: External Gateways

Explanation: The gateway for external data has ended.

Action: No action required.

S6BSP009E

Server failed to connect to Data Object Broker: "%"

Source: External Gateways

Explanation: The gateway session failed to connect to specified Data Object Broker.

Action: Check previous messages and Data Object Broker log for more information. Fix the problem and try again.

S6BSP010E

Fail Safe table "%" is missing field "%"

Source: External Gateways

Explanation: The Fail Safe table definition is not valid

Action: Check to make sure that the definition is correct.

S6BSP011E

Server failed to build "%" occurrence

Source: External Gateways

Explanation: While attempting to build the Object Service Broker occurrence from the external occurrence or vice versa, an error was encountered. The extension to this message gives more detail.

Action: Correct the table definition or the data.

S6BSP012E

Server session initialization failed

Source: External Gateways

Explanation: The initialization of the Object Service Broker gateway for external data failed. Previous messages give more information.

Action: Correct the initialization error and restart the gateway.

S6BSP014E

Server did not receive an occurrence to "%"

Source: External Gateways

Explanation: The gateway for external data did not receive an occurrence to INSERT/REPLACE. This is a symptom of a version mismatch.

Action: Ensure Object Service Broker and gateway release levels are compatible. If this does not resolve the problem then contact TIBCO Support.

S6BSP015E

Server did not receive the session security information

Source: External Gateways

Explanation: The gateway for external data did receive the Object Service Broker session security information. This is a symptom of a version mismatch.

Action: Ensure Object Service Broker and gateway release levels are compatible. If this does not resolve the problem then contact TIBCO Support.

S6BSP016E

Current group "%" is not a valid external userid

Source: External Gateways

Explanation: The Object Service Broker current group is either null or more than 8 characters long.

Action: Specify a valid current group value that will be accepted as a valid external user ID.

S6BSP017E

Memory in the amount of "%" could not be acquired

Source: External Gateways

Explanation: The memory requested through routine @MEMORYINSTANCES could not be acquired.

Action: Request less memory or increase available memory. If necessary, contact TIBCO Support.

S6BSP018E

Server configuration parameter "%" required or invalid

Source: External Gateways

Explanation: The gateway for external data cannot initialize without a valid value for the specified gateway configuration parameter.

Action: Specify a valid value for the configuration parameter.

S6BSP019E

Server does not support Fail Safe level "%"

Source: External Gateways

Explanation: The requested Fail Safe level cannot be supported by the gateway.

Action: Specify a valid value for the FSLEVEL gateway parameter and restart the gateway.

S6BSP020E

Server session failed

Source: External Gateways

Explanation: The gateway for external data failed. Previous messages give more information.

Action: Correct the error and restart the gateway.

S6BSP021E

Server did not receive a required server parameter "%"

Source: External Gateways

Explanation: The Object Service Broker request sent to the gateway did not contain the required gateway parameter. This parameter is part of the table definition.

Action: Correct the table definition to include the required parameter with a valid value.

S6BSP022E

A server cursor was not found to process the request for "%"

Source: External Gateways

Explanation: The gateway for external data failed to acquire a cursor to process the request. This is a symptom of a version mismatch.

Action: Ensure Object Service Broker and gateway release levels are compatible. If this does not resolve the problem then contact TIBCO Support.

S6BSP023E

Field of "%" bytes exceeds the maximum allowed length

Source: External Gateways

Explanation: The field length exceeds the Object Service Broker gateway for external data maximum.

Action: Modify table definition to use a shorter field length.

S6BSP024E

No servers like server type *%* exist

Source: External Gateways

Explanation: No entries in table @SERVERIDCONFIG exist for the specified gateway type.

Action: Execute rule @CONFIGURESERVER with a null parameter and ADD an entry for the desired gateway type and ID.

S6BSP025E

Value at cursor position is not one of the allowed values

Source: External Gateways

Explanation: The value entered is not one of the allowed values for this parameter.

Action: Enter a valid value.

S6BSP026E

**Value "%" is incompatible with type "%" syntax
%" length %" decimal%" of "%"**

Source: External Gateways

Explanation: The value entered does not match the attributes of this parameter.

Action: Enter a valid value.

S6BSP027E

Invalid command

Source: External Gateways

Explanation: The command entered is not valid.

Action: Enter a valid command.

S6BSP028E

Invalid server type: "%"

Source: External Gateways

Explanation: The gateway type entered is not a valid gateway type that this utility supports.

Action: If the utility is @CONFIGURESERVER then an entry for this gateway type was not found in @SERVERCONFIG.

S6BSP029E

Server type "%" has no modifiable configuration parameters

Source: External Gateways

Explanation: All entries in @SERVERCONFIG for this gateway type are marked as not modifiable.

Action: This gateway type does not have any parameters that can be configured through this utility.

S6BSP032E

Server could not find "%" entry point

Source: External Gateways

Explanation: The gateway failed to find the entry point to the mentioned function.

Action: Contact TIBCO Support.

S6BSP100E

% connection failed, reason="%"

Source: External Gateways

Explanation: The gateway failed to connect to the Data Object Broker. The following information is given:

- % - SERVER USERID - IDPREFIX+ext
- reason (rr/ee) -- refer to the explanation for message S6BKC036 for the interpretation of the reason code

Action: Contact TIBCO Support if you need further clarification.

S6BSP101I

% Server shutdown requested, reason="%"

Source: External Gateways

Explanation: The gateway received a request to shut down from the Data Object Broker. The description of the reason codes follows:

- 0000 - Object Service Broker is shutting down.
- 0004 - A stopserver all*** was requested. All the gateways of this type will be terminated.
- 0008 - A stopserver gateway userid was requested. Only this gateway will be terminated.
- 0010 - The Object Service Broker resource directory is full. Contact TIBCO Support.
- 0014 - The maximum number of gateways has been exceeded. Increase the MAXDBMS parameter in the Data Object Broker and restart, or contact TIBCO Support.
- 00018 - The Object Service Broker gateway anchor list has overflowed. Contact TIBCO Support.

Action: No further action is required.

S6BSP102E

%

Source: External Gateways

Explanation: The gateway failed to connect to the Data Object Broker. The text of the message describes the reason and contains a subsequent message ID that can be looked up for more information.

Action: Take appropriate action based on the subsequent message ID.

SS: UNIX System Services

S6BSS001E

Call to UNIX services module BPX1SDD failed.

Return code xxxxxxxx Reason code xxxxxxxx

Source: UNIX System Services

Explanation: A call to BPX1SDD, the Set Dub Default Service routine, failed. The error Return code and Reason code are displayed in hex value.

Action: Refer to IBM "z/OS UNIX System Services Messages and Codes" - SA22-7807.

ST: Storage Management

S6BST001E

STORAGE MANAGER ERROR

Source: Storage Management

Explanation: The Object Service Broker Execution Environment storage manager detected a severe error that does not permit the continuation of execution.

Action: Contact TIBCO Support and provide the full text of the message.

S6BST002E

INSUFFICIENT MEMORY IN PRIVATE AREA TO SATISFY STORAGE REQUEST

Source: Storage Management

Explanation: Execution Environment services require more storage than there is available in the Execution Environment address space.

Action: The amount of storage available to Object Service Broker is controlled by the REGION JCL parameter of the job step where the Execution Environment is executing. The type of the Execution Environment (e.g. TSO, BATCH, or CICS) affects how a limit may be specified. The storage limit for an address space can be exceeded by a user requiring too much storage or by trying to run too many users in the same Execution Environment. Consider the following suggestions to determine your situation: For single-user Execution Environments like TSO and BATCH, increasing the REGION parameter for the Object Service Broker Execution Environment will increase the amount of storage available. Very large session or

temporary tables will have a large storage requirement. Review the application; if it does have large session or temporary tables, you will either have to increase the storage available or modify the application in some way so that it fits into the storage available. Verify that the MAXIMUM parameter setting (the amount of storage available to a user) is compatible with the REGION parameter, and that in a multiple-session Execution Environment like the CICS Execution Environment the setting of this parameter is such that there is enough storage for all concurrent users. When designing applications that will require a large number of concurrent users in the same Execution Environment, storage utilization is minimized if pseudo-conversational coding techniques are used (DISPLAY & TRANSFERCALL). Review your SMF data at a transaction level to determine your storage requirements. This should be done regularly to monitor the effectiveness of current parameter settings and to detect changes in system utilization that might require new allocations of resources.

S6BST003E

STORAGE LIMIT EXCEEDED FOR A STORAGE POOL

Source: Storage Management

Explanation: Execution Environment services require more storage than Execution Environment or user limits permit.

Action: Please refer to the suggestions listed with message S6BST001E.

S6BST004E**STORAGE LIMIT EXCEEDED FOR A STORAGE TYPE****Source:** Storage Management**Explanation:** Execution Environment services require more storage than Execution Environment or user limits permit.**Action:** Please refer to the suggestions listed with message S6BST002E.**S6BST092E****INVALID CELL STORAGE ADDRESS DETECTED****Source:** Storage Management**Explanation:** During GET or FREE processing, the Storage Manager detected that the storage cell does not reside within the allocated block. This message is accompanied by abend U878.**Action:** This represents a severe internal error condition. Save the accompanying dump and contact TIBCO Support.**S6BST300I****- EXTENDED STORAGE LIMIT FOR REGION INCREASED TO XXXXXXXK****Source:** Storage Management**Explanation:** The job limit for 31-bit address storage was successfully extended to the amount displayed in the message. The CICSREGIONLIMIT Execution Environment parameter allows the extension of the z/OS storage limit for CICS Execution Environments.**Action:** No action is required.**S6BST301I****STORAGE AVAILABLE AT STARTUP IS XXXXXK OF 24 BIT AND XXXXXXXK OF 31 BIT****Source:** Storage Management**Explanation:** This message is displayed by CICS Execution Environments. The message displays the amount of 24-bit and 31-bit addressing storage available for the Object Service Broker Execution Environment.**Action:** No action required.**S6BST302I****- EXTENDED STORAGE LIMIT FOR REGION NOT MODIFIED****Source:** Storage Management**Explanation:** The CICSREGIONLIMIT Execution Environment parameter was specified but the job limit for 31-bit address storage could not be changed. The CICSREGIONLIMIT parameter may only be specified for CICS Execution Environments that execute authorized or are invoked using the Object Service Broker SVC. Note that this message will also be displayed if the current limit for 31-bit addressing storage is greater than the value specified for the region limit parameter.**Action:** This is an information message and Object Service Broker Execution Environment initialization will continue. If a larger region is required, run the Object Service Broker Execution Environment authorized and then use the CICSREGIONLIMIT parameter. For more information about authorization, refer to the Installation and Operations manual.

SV: Batch Server

S6BSV901E

CNTL File: Invalid numeric value

Source: Batch Server

Explanation: Definition Control File Error: On the S entry of the file, there are various control fields that must be either completely blank or contain a numeric value. These include all fields on the "S"pecification entry.

Action: Check the file and correct any incorrect entries.

S6BSV902E

CNTL File: - no entries found

Source: Batch Server

Explanation: Definition Control File Error: The utility requested requires a Definition Control File and an S type entry must be the first entry in the file. No S type entry was found in the Control file indicated.

Action: Check that the file name entered on the command line is correct. If the file is damaged, use the online tool BATCHLOAD_CARDS to recreate the file.

S6BSV903E

CNTL File: 'S' type must be first entry

Source: Batch Server

Explanation: Definition Control File Error: The utility requested requires a Definition Control File and the S type entry must be the first entry in the file. No S type entry was found in the Control file indicated.

Action: Check that the file name entered on the command line is correct. If the file is damaged, use the online tool BATCHLOAD_CARDS to recreate the file.

S6BSV904E

CNTL File: 'I' sequence # error

Source: Batch Server

Explanation: Definition Control File Error: The Input (I) entries in the Definition Control file must be in sequence and the sequence number itself must be numeric.

Action: Check the sequence numbers in the Definition Control File and either place them in sequence or correct the sequence numbers.

S6BSV905W

Null-Equivalent value is ignored

Source: Batch Server

Explanation: A NULL-EQUIVALENT value has been specified for a syntax/field for which it is not accepted.

Action: No action required.

S6BSV906E**Null-Equivalent value is invalid****Source:** Batch Server**Explanation:** A NULL-EQUIVALENT value specified on the control file is invalid.**Action:** Check the documentation if necessary, correct and retry.**S6BSV907E****CNTL File: field length invalid****Source:** Batch Server**Explanation:** Definition Control File Error: The field lengths entered in the Definition Control File must be numeric.**Action:** Correct the field length for the field indicated.**S6BSV908E****CNTL File: # of decimals error****Source:** Batch Server**Explanation:** Definition Control File Error: The # of decimals entered in the Definition Control File must be either completely blank or a valid number.**Action:** Correct the # of decimals for the field indicated. NOTE: For certain semantic-type/syntax combinations no decimals are permitted.**S6BSV909E****CNTL File: field offset error****Source:** Batch Server**Explanation:** Definition Control File Error: The offset field must be either completely blank or numeric. The offset (based on 0 as the first position in the input file) is the physical start of the field within the input file.**Action:** Check the offset; it may not be required if the field immediately before it in the input file is defined.**S6BSV911E****CNTL File: 'H' sequence error****Source:** Batch Server**Explanation:** Definition Control File Error: The Table (H) entries in the Definition Control file must be in numeric sequence.**Action:** Check the sequence numbers in the Definition Control File and either place them in sequence or correct the sequence numbers.**S6BSV912E****CNTL File: unknown 'H' subtype****Source:** Batch Server**Explanation:** Definition Control File Error: This sub-type is incorrect for a type H entry.**Action:** Check the manual for acceptable types and correct the entry or use the requisite online Batch tool (BATCHLOAD_CARDS, etc.) to generate a correct definition file.

S6BSV913E**CNTL File: 'H' internal field name blank****Source:** Batch Server**Explanation:** Definition Control File Error: Type H definition statement field names cannot be blank.**Action:** Correct the statement in error.**S6BSV915E****CNTL File: invalid key type****Source:** Batch Server**Explanation:** Definition Control File Error: The key type entered is incorrect.**Action:** Check the manual for acceptable key types and correct the definition for the field indicated.**S6BSV916E****CNTL File: invalid # parms****Source:** Batch Server**Explanation:** Definition Control File Error: Type H sub-type T columns 50 through 52 are invalid. This field should show the number of parameters in the table to be unloaded.**Action:** Correct the entry.**S6BSV917E****CNTL File: invalid # fields****Source:** Batch Server**Explanation:** Definition Control File Error: Type H sub-type T columns 54 through 57 are invalid. This field should show the number of fields in the table to be unloaded.**Action:** Correct the entry.**S6BSV918E****CNTL File: bad sequence, static value****Source:** Batch Server**Explanation:** Definition Control File Error:

Static value (type V) entries (column 20) must be in sequence. Single entry values (less than 50 characters) sequence number = blank, 0 or 1. If the static value is greater than 50 characters, it appears on more than one definition statement. These statements must be in the correct sequence.

Action: Correct the static value sequence numbers or generate a valid file using the online tool BATCHLOAD_CARDS.**S6BSV919E****CNTL File: no match for static value field****Source:** Batch Server**Explanation:** Definition Control File Error: The target field name that is to receive the static value must exist in the table definition (H entries).**Action:** Either remove the static value if it is superfluous or insert the correct target field name.**S6BSV920E****CNTL File: collision - field and static value****Source:** Batch Server**Explanation:** Definition Control File Error: A static value is loaded into every instance of the field to which it is targeted. Its target field cannot also receive input from an input file field. Both values cannot be placed in the target field.**Action:** Correct the table definitions so that only one value is provided to each table field.

S6BSV922E**CNTL File: Static value max length exceeded****Source:** Batch Server**Explanation:** Definition Control File Error: This static value exceeds the maximum length permitted.**Action:** Consider splitting the field to be filled by the static value, then entering a static value for each of the subfields.**S6BSV923E****CNTL File: no fields defined****Source:** Batch Server**Explanation:** Definition Control File Error.**Action:** Generate a valid Definition Control File by using the online tool (BATCHLOAD_CARDS; BATCHUNLD_CARDS; SIXBUILD_CARDS).**S6BSV924E****CNTL File: invalid syntax****Source:** Batch Server**Explanation:** Definition Control File Error.**Action:** Check the manual for acceptable entries and correct the definition for the field name indicated.**S6BSV925E****CNTL File: invalid semantic type****Source:** Batch Server**Explanation:** Definition Control File Error.**Action:** Check the manual for acceptable entries and correct the definition for the field name indicated.**S6BSV926E****CNTL File: 'T' to 'H' field incompatibility****Source:** Batch Server**Explanation:** Definition Control File Error: There are semantic-type/syntaxes which cannot be converted to other selected semantic-type/syntaxes, (for example packed decimal cannot be converted to Logical/Character).**Action:** Check the definition for the fields indicated (length to length; syntax to syntax).**S6BSV927E****CNTL File: Value to 'H' field incompatibility****Source:** Batch Server**Explanation:** Definition Control File Error: Static values are always considered to be NO-semantic-type/syntax Character (C or V). If the target field's semantic-type/syntax is not compatible with this combination, this error will occur.**Action:** Check and correct the target (table) field's semantic-type/syntax.

S6BSV928E**CNTL File: Offset overlaps previous fields****Source:** Batch Server

Explanation: Definition Control File Error: Fields must be defined once only and cannot be redefined (no part of a field can occur in another field). Offsets are expected to be in relation to zero (the first character in a file is considered at offset 0). The offset specified overlaps a previously defined field.

Action: Check the definition for the field indicated in relation to the field before it. If two adjacent fields are defined it is not necessary to include an offset for the second as the first field will establish the second's position in the file.

S6BSV929E**CNTL File is required (-C option)****Source:** Batch Server

Explanation: The identity of the Definition Control File is missing from the command line (-C).

Action: Try again, ensuring that the -C option is specified on the command line.

S6BSV934E**Invalid Segment requested****Source:** Batch Server

Explanation: The segment identifier provided in the -s option on the command line is invalid.

Action: Check and correct.

S6BSV935E**Parameter field length exceeds maximum****Source:** Batch Server

Explanation: Definition Control File Error.

Action: Check the manual for the maximum length permitted and correct the entry indicated.

S6BSV936E**Total Parameter length exceeds maximum****Source:** Batch Server

Explanation: Definition Control File Error: There is a maximum total length for all parameters combined; this limit has been exceeded.

Action: Check the manual for the maximum total parameter length.

S6BSV937E**Illegal Parameter syntax****Source:** Batch Server

Explanation: Definition Control File Error: Not all syntaxes are acceptable as parameters.

Action: Check the manual for acceptable parameter syntaxes.

S6BSV938E**Maximum # of Parameters exceeded****Source:** Batch Server

Explanation: Definition Control File Error: There is a limit on the number of parameters which can be defined for a table; this limit has been exceeded.

Action: Check and correct.

S6BSV939E

Primary/Secondary key field length exceeds maximum

Source: Batch Server

Explanation: Definition Control File Error: There is a limit on the length of each individual key field.

Action: Check and correct.

S6BSV940E

Total Primary key length exceeds maximum

Source: Batch Server

Explanation: Definition Control File Error: There is a limit to the total length of all primary key fields combined.

Action: Check and correct.

S6BSV941E

Illegal Primary key syntax

Source: Batch Server

Explanation: Definition Control File Error: All syntaxes are not eligible to be used as primary keys.

Action: Check the definition of the field indicated and correct it.

S6BSV942E

Maximum # Primary key fields exceeded

Source: Batch Server

Explanation: There is a limit to the number of primary keys which can be defined in a single table.

Action: Check and correct.

S6BSV943E

First Primary key cannot serve as Secondary

Source: Batch Server

Explanation: Definition Control File Error: The first or PRIMARY primary-key may not also be defined as a secondary key.

Action: Check and correct.

S6BSV944E

IDGEN Primary key definition error

Source: Batch Server

Explanation: Definition Control File Error: When a table is defined as IDgen, its primary key must be defined as binary (B) syntax with a length of 4.

Action: Check and correct.

S6BSV946E

Maximum # Secondary key fields exceeded

Source: Batch Server

Explanation: Definition Control File Error: There is a limit to the number of secondary key fields which may be defined in a single table.

Action: Check and correct.

S6BSV947E

Unknown key type

Source: Batch Server

Explanation: Definition Control File Error: An invalid entry has been made in the key-type field of the identified field's definition statement.

Action: Correct the entry.

S6BSV948E**IDGEN permits 1 Primary Key only****Source:** Batch Server**Explanation:** Definition Control File Error: An IDgen keyed table is allowed only one primary key field.**Action:** Correct the entry.**S6BSV949E****HCS processing failed****Source:** Batch Server**Explanation:** This utility requires the -t option on the command line.**Action:** Try again, indicate the ID of the Object Service Broker node using the -t command line option.**S6BSV950E****Unable to open Segment requested****Source:** Batch Server**Explanation:** The segment requested must be disconnected (offline) from online processing in order for this utility to function correctly.**Action:** Request that the segment be placed offline.**S6BSV951E****Unable to close the Segment****Source:** Batch Server**Explanation:** The utility was unable to close the segment on which it was working.**Action:** If the utility in use modifies the Pagestore (LOAD/SIXBUILD/S6BBRPGC (Pagestore correction)) the Pagestore must be considered potentially inconsistent. Investigate or report the error to support

staff. The cause of the error must be identified and corrected before the failed activity is tried again. Inspect the report produced by the utility, it may help in determining the reason for the failure or show that the primary-data-build was successfully completed. If the LOAD-secondary-index-build failed, it is possible to delete the secondary index pages (online) and rebuild using the SIXBUILD only. If the utility in use was an UNLOAD, it cannot have impacted the Pagestore in any way. However before using the file which has been created it should be checked for completeness.

S6BSV953E**Static Value content error****Source:** Batch Server**Explanation:** Definition Control File Error:

- The target field specified is too small to receive the value.
- The target field requires a numeric value, the value is not.
- The static value will create an invalid key value (numeric null).
- Syntax C fields cannot contain lowercase.

Action: Correct the static value.**S6BSV954W******WARNING** - Possible Input File Format Error - **WARNING******Source:** Batch Server**Explanation:** There are three file formats. All are derived from z/OS sequential file types:

- FIXED - The equivalent of a z/OS FB data set after FTP to Windows or Solaris. The file contains records all the same length (as

described in the Control (-C) File). No record lengths are contained in the file.

- **VARIABLE NO BDW** - The result when a z/OS VB data set is FTPed to Windows or Solaris. This file contains a 4-byte RDW (length) in front of each record. All possible fields in the file must be defined using **BATCHLOAD_CARDS** (-C Control File) and "Input Data File Length Format" must be set to "V". **NOTE:** Do not specify the -m (Blocked Variable) option on the command line.
- **VARIABLE BLOCKED** - The first record of each block is preceded by a 4-byte BDW (block length) and a 4-byte RDW (record length). This is the file format used when files are created using the Unload utilities (hrnbrulh, hrnbrulb, and hrnbrula) on Windows or Solaris. When using **BATCHLOAD_CARDS** to describe the file's format, you must define all possible fields and set the "Input Data File Length Format" to "V". On the command line you must specify the -m option.

Using **BATCHLOAD_CARDS**, the input file is described using the "INPUT FILE DEFINITION SCREEN". All possible data fields in the file must be defined. Do not define the length fields if the file is Variable. If the input file was created using **S6BBRULA**, then the entry "Was input data unloaded from an archive" must be set to "Y". If the input file is either "VARIABLE NO BDW" or "VARIABLE BLOCKED" (see above), then the entry "Input Data File Length Format" must be set to "V".

NOTE: This is a warning only; it is not possible for the utility, by analyzing the file's data, to be absolutely certain that the file has a format that differs from that specified in

the Control File (-C) and the Command Line (-m).

Action: Ensure that the input file is described correctly both in the Control File (-C) and on the command line (-m). If the requested process completed successfully, check that the format was correctly specified before using the output from the utility.

____ If you are transferring Object Service Broker files between platforms, refer to documentation for the **S6BBRFRU** /hrnbrfru (Reformat Object Service Broker Files Transferred with FTP) utility.

S6BSV957E

Unable to open the specified input file

Source: Batch Server

Explanation: An Open input file request failed. This can be caused by problems with the input device, but most commonly is caused by one of:

- A lack of authority to read the file
- [Solaris] The file exceeds the 2 gigabyte file-size limit
- The incorrect file name or path is specified

Action: Correct the problem and try again. If you need the Large File Support feature, contact TIBCO Support.

S6BSV962E**SELECT File: invalid include/exclude indicator****Source:** Batch Server**Explanation:** Selection Criteria File Error: Each selection entry requires an indicator (I or X) in column 17. It indicates inclusion (I) or exclusion (X) (for rows matching the selection criteria) in the unloaded table.**Action:** Check and correct the entry.**S6BSV963E****SELECT File: invalid relational operator****Source:** Batch Server**Explanation:** Selection Criteria File Error: The relational operator specified is invalid.**Action:** Check the UNLOAD documentation for acceptable relational operators and correct the select statement.**S6BSV964E****SELECT File: relational operator not constant****Source:** Batch Server**Explanation:** Selection Criteria File Error: The relational operator chosen for the first selection statement must be used on all other selection statements.**Action:** Check and correct.**S6BSV965E****SELECT File: invalid numeric value****Source:** Batch Server**Explanation:** Selection Criteria File Error: The selection value stated refers to a numeric field and therefore should be numeric.**Action:** Check and correct.**S6BSV966E****Numeric Syntax secondaries cannot be NULL****Source:** Batch Server**Explanation:** Definition Control File Error: A secondary index field is defined with no corresponding input field which means all field instances in the table will be Null. Null numeric secondary values are not permitted.**Action:** Check and correct.**S6BSV967E****Illegal Secondary Key syntax****Source:** Batch Server**Explanation:** Definition Control File Error: All syntaxes are not eligible to be used as secondary keys.**Action:** Check the field indicated and correct it.**S6BSV968E****Std Input not permitted with non-text input****Source:** Batch Server**Explanation:** Text data as input is not currently supported.**Action:** An input file name must be provided on the command line.**S6BSV970E****Unable to acquire a free page on this segment****Source:** Batch Server**Explanation:** The segment in use is full.**Action:** Inspect the utility report.

- **LOAD --** If the primary-data-index is complete and the failure occurred during the secondary-index build:

1. Delete the secondary index using the online tool.
 2. Increase the storage available to the segment.
 3. Use the offline secondary index builder to build the secondary index.
- **LOAD or SIXBUILD**
 1. Clear the partially built table using either: for a failed LOAD, the CLEARTAB tool; for a failed SIXBUILD, the online tool SIXDELETE.
 2. Increase the storage available to the segment.
 3. Rerun the failed utility.
 - **S6BBRPGC/hrnbrpgc (Pagestore Correction)** -- Increase the storage available to the segment and rerun the failed utility.

S6BSV972E

Maximum # Fields for a table - exceeded

Source: Batch Server

Explanation: Definition Control File Error: The number of fields specified (S type entry columns 31-33) exceeds the maximum number of fields which can be defined in a table.

Action: Check the entry; if it is correct, this table cannot be loaded using this utility.

S6BSV973E

fields specified in control file exceeded

Source: Batch Server

Explanation: Definition Control File Error: The number of fields defined exceeds the maximum specified (S type entry columns 31-33) earlier in the Control File.

Action: Check and correct.

S6BSV974E

SELECT File: Illegal selection statement

Source: Batch Server

Explanation: Selection Criteria File Error: No selection criteria value supplied.

Action: Check and correct.

S6BSV975E

SELECT File: Illegal Format

Source: Batch Server

Explanation: Selection Criteria File Error: The statement cannot be processed.

Action: Refer to the documentation for the correct format of the Selection Criteria entries, or use the online BATCHUNLD_CARDS tool to create a properly formatted file.

S6BSV979E**Input Data I/O error****Source:** Batch Server**Explanation:** An input operation failed. This can be caused by problems with the input device, but may be caused (on Solaris) by attempting to read a file larger than 2 gigabytes in size.**Action:** Check for the cause of the I/O failure and fix the problem. If the problem is caused by file size, you may require the Large File Support feature. To obtain this feature, contact TIBCO Support.**S6BSV982E****Bad input data variable length format****Source:** Batch Server**Explanation:** If variable-length format data is indicated in the Definition Control File, the data must conform to z/OS variable-length format: each record must be preceded by four bytes as follows: a 2-byte length followed by 2 bytes of binary zero.**Action:** Check the input file and ensure the data is in Object Service Broker data format (EBCDIC) and that it is variable. If the file is not variable, modify the Definition Control File accordingly.**S6BSV986E****I/O error****Source:** Batch Server**Explanation:** An input or output operation failed. This can be caused by problems with the I/O device, but most commonly is caused by one of:

- A lack of space on the device

- [Solaris] The file exceeds the 2 gigabyte file-size limit (input) or is attempting to exceed the limit (output)

Action: Check for the cause of the I/O failure and fix the problem. If the problem is caused by file size, you may require the Large File Support feature. To obtain this feature, contact TIBCO Support.**S6BSV990E****SELECT File: Blank value not permitted****Source:** Batch Server**Explanation:** Selection Criteria File Error: A blank criteria value is not permitted.**Action:** Check and correct.**S6BSV996E****Maximum row size exceeded****Source:** Batch Server**Explanation:** There is a limit on the size of row which Object Service Broker supports; anything longer than this cannot be stored on the Pagestore.**Action:** Correct the table definition, the definition in the utility control file does not match that presented to the Object Service Broker Table Definer.**S6BSV998E****Access to table denied****Source:** Batch Server**Explanation:** You do not have the necessary authority to access this table**Action:** Contact Object Service Broker administration and request the necessary authority

TA: TDS

S6BTA001E

CTABLE build not supported for requested table type

Source: TDS

Explanation: Only valid table types such as TDS, SCR, IMS, etc. are supported. Because CTABLE build is issued internally, an internal system error has occurred.

Action: Contact TIBCO Support.

S6BTA004E

Expected field not found in CTABLE

Source: TDS

Explanation: An internal system error occurred.

Action: Contact TIBCO Support.

S6BTA008E

Get key descriptor failed

Source: TDS

Explanation: Internal system error: unable to retrieve key/index information.

Action: Contact TIBCO Support.

TB: TDS

S6BTB004E

Attempt to insert duplicate parameter value set

Source: TDS

Explanation: Internal system error. If issued during redo processing, it warns that insert has already been committed to the database (DASD) and it may or may not be a concern.

Action: Contact TIBCO Support.

S6BTB005E

Expected parameter value set not found

Source: TDS

Explanation: Internal system error. If issued during redo processing, it warns that the delete (which causes this error) has already been done; it may or may not be a concern.

Action: Contact TIBCO Support.

TC: TDS

S6BTC002E

Secondary key field name already exists in SIT-page

Source: TDS

Explanation: Internal system error. If issued during redo processing, it warns that secondary index has already been built; it may or may not be a concern.

Action: Contact TIBCO Support.

S6BTC003E

Error detected during restart processing of SIX build

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTC005E

Expected secondary index entry not found during COMMIT

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTC006E

Secondary key field not found in table FIELDS

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTC008E

Primary key (in secondary index entry) not found

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTC009E

Lower case page type encountered

Source: TDS

Explanation: Data or secondary index is unusable because a previous %CLRTAB, CLRTAB, table delete, SIXDELETE, or SIXBUILD did not complete.

Action: Do one of the following:

- Avoid using that secondary key access.
- Delete the secondary index by calling SIXDELETE.
- Repeat the incomplete action.

S6BTC010E

Too many secondary indexes

Source: TDS

Explanation: You attempted to build more secondary indexes than are allowed.

Action: No action required. If you want to build another index, you can delete an existing secondary index and rebuild the current one.

S6BTC011E

Location parameter is not last parameter in table

Source: TDS

Explanation: Table parameter of CLASS=L is a remote location parameter and must be the last table parameter listed.

Action: Remove the location parameter or make it the last parameter for this table.

S6BTC012E

Mismatch # secondaries SIT-PAGE and CTABLE

Source: TDS

Explanation: The number of secondary index fields specified in the definition of this table does not match the actual number according to the table's Secondary Index "T" page.

Action: Contact TIBCO Support.

S6BTC013E

Expected FIELDS entry not found

Source: TDS

Explanation: During an attempt to update the table definition for the secondary index field being deleted, the FIELDS row could not be found.

Action: Contact TIBCO Support.

TD: TDS

S6BTD003E

Chain of 3 or more pages detected with no index level

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTD004E

Index chaining error detected

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

TE: TDS

S6BTE003E

Page header data length error

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTE004E

IDGEN key exceeds maximum value

Source: TDS

Explanation: The IDgen key exceeds the maximum 4-byte integer value.

Action: Reorganize the IDgen table by unloading it (both definition and occurrences), dropping the table, and reloading it.

S6BTE005E

Invalid key length in occurrence

Source: TDS

Explanation: Internal system error. The actual key length must be less than the definition length, which must be less than 128 bytes. Null key (i.e., key length=0) is not allowed for a primary key, table parameter, and secondary key of syntax B or P.

Action: If this message is received as a result of attempting a SIXBUILD, the target table's definition may have been modified to make the partial Secondary Index unusable. To avoid future table access problems, you must issue a SIXDELETE against the same field that caused the error, this will reset the definition.

For other requests (non-SIXBUILD), no action is necessary. You cannot insert a NULL into a key or parm field of syntax B or P.

S6BTE006E

Invalid field length in occurrence

Source: TDS

Explanation: Invalid field length detected during CLC processing.

Action: Contact TIBCO Support.

S6BTE007E

Invalid data row length error

Source: TDS

Explanation: This error indicates that an invalid data-row length was encountered in Data Object Broker processing, in either a message request or a data page.

Action: Contact TIBCO Support.

S6BTF001E

Unexpected page type found

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTF002E

Table name already exists in resident table index

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTF003E

Duplicate primary key or secondary index entry

Source: TDS

Explanation: If this message is issued during Redo processing, it warns that the insert has already been committed to the database, and it may or may not be a concern. This could also happen during a "fast insert", where inserted rows are not screened for duplicate keys.

Action: Contact TIBCO Support unless you received this message during:

- Redo processing - Ignore this message if it appears only a few times.
- Fast insert when no phase 1 verification is done - You have to verify that the data you are loading does not have duplicate keys.

S6BTF004E

Expected row not found during COMMIT processing

Source: TDS

Explanation: Internal system error.

Action: Do one of the following:

- Ignore this message if you received it during Redo processing.
- Contact TIBCO Support if this message repeats many times or if you did not receive it during Redo processing.

S6BTF005E

Unexpected page type within page chain

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

TG: TDS

S6BTG001E

Input request code is not supported

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTG003E

**Table name in CTABLE does not match
requested table name**

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

TH: TDS

S6BTH001E
Length and/or range of MVCL is invalid
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

S6BTH002E
Table name not found in resident table index
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

S6BTH007E
Invalid field syntax detected
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

S6BTH008E
Invalid page header; row count is zero
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

S6BTH051E
Table type incompatible with target segment
Source: TDS

S6BTH009E
Error detected during index binary search
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

S6BTH011E
Error detected while inserting a non-highkey
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

S6BTH012E
Invalid access path specification
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

S6BTH015E
Invalid input key value specification
Source: TDS
Explanation: Internal system error.
Action: Contact TIBCO Support.

Explanation: A TDS table can only reside in a TDS segment.
Action: Check the target segment and table type for compatibility when using MOVTAB.

S6BTH065E**Hash# (in LPMAP) not found in internal table****Source:** TDS**Explanation:** The hash number in LPMAP is not found in the internal table. Internal system error.**Action:** Contact TIBCO Support.**S6BTH070E****Non-standard hash (randomizer) failed****Source:** TDS**Explanation:** A hash function failed and returned an error code.**Action:** Do one of the following:

- If it is a user-written hash function, determine the cause and correct the problem. Changing a hash function when there are non-empty HDS tables still using it may corrupt the tables.
- If the failed hash function is not user-written, contact TIBCO Support.

S6BTH080E**Invalid syntax for a CLC field is found****Source:** TDS**Explanation:** One of the CLC fields has a field syntax currently not supported by the CLC implementation.**Action:** Include in the CLC table definition only the source fields that have one of the following field syntaxes: B, C, P, RD, UN, V, or W. The Key and Count fields must have syntax B and length 4.**S6BTH081E****Invalid length for a CLC field is found****Source:** TDS**Explanation:** One of the CLC fields has a field length that exceeds the CLC implementation limit.**Action:** Include in the CLC table definition only the source fields that have field length <= 127. The Key and Count fields must have syntax B and length 4.**S6BTH082E****Number of CLC fields exceeds maximum****Source:** TDS**Explanation:** The total number of source fields in a CLC table definition exceeds the CLC implementation limit.**Action:** Include in the CLC table definition only up to 16 source fields. (Including the Key and Count fields, a CLC table can have maximum 18 fields.)**S6BTH083E****Target table on TABLES must not contain data****Source:** TDS**Explanation:** When deleting a TDS table definition or changing a TDS table type, the table must not contain data.**Action:** Before deleting the table definition or changing a TDS table type, you must ensure the table is empty. Use \$CLRTAB.

S6BTH084E

OBJ table type on TABLES cannot be changed

Source: TDS

Explanation: The request is to change a table type from/to the OBJ type.

This type of request is not supported. You cannot change an OBJ table type to any other type nor can you change any other table type to OBJ.

Action: No action is required.

TK: TRACKER Notification

S6BTK001I

TRACKER Task initialization complete

Source: TRACKER Notification

Explanation: The TRACKER Notification Task has initialized successfully. The job will send initialization/termination notification messages to the TIBCO TRACKER Subsystem if it is running and the appropriate TRACKER DD JCL statement is specified. Refer to TIBCO Object Service Broker Installing and Operating manual and TIBCO Mainframe Service Tracker Installation and Administration manual.

Action: None.

S6BTK004E

Initialization of TRACKER Task failed;; RC=#

Source: TRACKER Notification

Explanation: The TRACKER Notification Task failed to initialize successfully.

Action: Contact Product Support.

S6BTK002I

TRACKER Task termination complete

Source: TRACKER Notification

Explanation: The TRACKER Notification Task has ended normally.

Action: None.

S6BTK003E

TRACKER Task invalid event code

Source: TRACKER Notification

Explanation: An invalid request code was received by the TRACKER task.

Action: Contact Product Support.

TL: DOB Support Offline Utils

S6BTL001I

**RESTORE IN PROGRESS FOR
SEGMENT=___**

Source: DOB Support Offline Utils

Explanation: The Pagestore restore utility (S6BTLRPS) was invoked to restore the segment number indicated by this message.

Action: No action is required.

S6BTL002E

VSAM ERROR READING DBDLIB

Source: DOB Support Offline Utils

Explanation: An error was detected reading the DBDLIB defined by the DBDLIB DD card. The utility terminates with a return code of 12.

Action: Ensure that the data set specified on the DBDLIB DD statement points to a valid DBDLIB.

S6BTL005E

PAGE SPACE ALLOCATION TOO SMALL

Source: DOB Support Offline Utils

Explanation: This message is issued when the

S6BTL003W

**WARNING - PAGESTORE SMALLER THAN
BACKUP**

Source: DOB Support Offline Utils

Explanation: The Pagestore restore utility (S6BTLRPS) determined that the receiving Pagestore data set currently being processed is smaller than the original, but should be large enough to hold the data. The restore continues, and a return code of 4 is issued upon its completion.

Action: If a reduction of the total space for the Pagestore data set was intended, then no further action is required. Otherwise, reallocate the Pagestore data set to a larger size and rerun the restore utility.

S6BTL004E

VSAM WRITE ERROR RC=___ FB=___

Source: DOB Support Offline Utils

Explanation: An I/O error was detected while writing to the Pagestore data set currently being processed. The utility terminates with a return code of 12.

Action: Verify that the Pagestore data set indicated is properly defined and rerun the job.

minimum space requirement, as determined by the executing utility, is not satisfied. Utilities which issue this message are S6BTLFPS and S6BTLRPS. In the case of the Pagestore formatting utility (S6BTLFPS) the

space allocated for the failing segment data set does not meet or exceed the minimum space allocation allowed for this data set. Failures encountered by the restore utility (S6BTLRPS) are issued when the segment which is the target of the restore function does not have enough space to contain all of the pages in the backup set.

Action: Reallocate the failing segment data sets so that they are large enough to satisfy the requirements of the executing utility. Rerun the failed job.

S6BTL006E

SYNTAX ERROR IN PARAMETER

Source: DOB Support Offline Utils

Explanation: A syntax error was detected, an invalid parameter was passed, or a required parameter was omitted in the PARMS specified on the EXEC card for this utility. The utility terminates with a return code of 12.

Action: Correct the parameters specified and rerun the utility.

S6BTL007W

BAD PAGE NUMBER DETECTED

Source: DOB Support Offline Utils

Explanation: An invalid page number was detected in the input file to the Pagestore restore utility (S6BTLRPS). This may indicate a problem with the backup file being processed. Message S6BTL008I is also issued

to indicate which record was found to be in error. The restore utility continues processing, but issues a return code of 8 upon completion.

Action: The database may be corrupted. Contact the Object Service Broker System Administrator for further assistance.

S6BTL008I

RELATIVE RECORD NUMBER ____

Source: DOB Support Offline Utils

Explanation: The indicated record is associated with a previous error.

Action: Refer to the accompanying message to determine the cause of the problem and the appropriate action.

S6BTL009E

DYNAMIC ALLOCATION FAILED

Source: DOB Support Offline Utils

Explanation: A dynamic allocation error was been detected. The utility is terminated with a return code of 12.

Action: Refer to the accompanying messages to determine the failing data set and the cause of the failure.

S6BTL010E

OPEN FAILED FOR _____ DATASET RC=____

Source: DOB Support Offline Utils

Explanation: The opening of a Journal or a Pagestore data set failed with the indicated VSAM return code. The utility terminates with a return code of 8 or 12.

Return codes appearing in the message are for OPEN failures documented in the IBM "DFSMS Macro Instructions for Data Sets"

manual. The RC= value is actually returned in the VSAM ACB field ACBERFLG and is expressed as a decimal number.

Action: Refer to the accompanying system messages to determine the cause of the failure.

RC=168 is most commonly caused by another z/OS job or started task using the data set and preventing the current job from successfully opening the data set. Retry the failing job later or, if the Data Object Broker is the user, vary the associated segment offline to the Data Object Broker and then retry the failing job.

S6BTL011E

JOURNAL DD NOT FOUND

Source: DOB Support Offline Utils

Explanation: The required DD card for the Journal data set was not found in the JCL stream. The utility terminates with a return code of 12.

Action: Include a Journal DD card in the JCL stream that points to a valid Object Service Broker Journal data set.

S6BTL012I

PAGES RESTORED FROM JOURNAL

Source: DOB Support Offline Utils

Explanation: This message indicates the total number of pages restored by the Pagestore utility (S6BTLRPS).

Action: No action required.

S6BTL013E

INVALID SEGMENT SPECIFIED

Source: DOB Support Offline Utils

Explanation: The segment number specified was not located in the DBDLIB. The utility terminates with a return code of 12.

Action: Verify that the correct segment number was requested.

S6BTL015E

BITMAP MISSING FROM BACKUP, RESTORE TERMINATED

Source: DOB Support Offline Utils

Explanation: The first record in the journal (backup) used to restore the PageStore data set was not a bitmap page as expected. If you are attempting to apply a spinout journal onto a PageStore data set, the positional parameter APPLY must be specified before the "SEG=" or "DUP=" keyword parameter.

Action: If applying a spinout journal, specify APPLY. If attempting to restore a backup, verify the backup using the S6BBRPTR (Batch Pointer Check) utility before rerunning the restore.

S6BTL016E

ERROR DETECTED EXTRACTING ARCHLOG DEFINITION FROM DBDLIB

Source: DOB Support Offline Utils

Explanation: The utility requires access to the ARCHLOG but was unable to access the DBDLIB definition for it. Possible causes are:

- The DBDLIB DD statement is not coded in the utility JCL
- The DBDLIB does not contain a definition for the ARCHLOG

Action: Correct the specification of the DBDLIB.

S6BTL017E**ORIGINAL DATA FOR ARCHLOG UPDATE
COULD NOT BE LOCATED**

Source: DOB Support Offline Utils

Explanation: When an Object Service Broker S6BTL*** utility was attempting to update an entry in the ARCHLOG, the entry to be modified could not be located. The log update process terminates with a nonzero return code.

Action: Contact TIBCO Support.

S6BTL018E**ERROR DETECTED WHEN
UNALLOCATING ARCHLOG DATASET**

Source: DOB Support Offline Utils

Explanation: An error was detected when attempting to release the ARCHLOG after it had been updated.

Action: No action is required.

S6BTL019E**OPEN ERROR FOR REPORT LISTING**

Source: DOB Support Offline Utils

Explanation: The utility being executed was not able to open the DD for the output listing (DDNAME=REPORT). The utility stopped executing.

Action: Accompanying messages indicate the reason that the open failed. Correct the situation and rerun the job.

S6BTL020E**I/O ERROR ON JOURNAL**

Source: DOB Support Offline Utils

Explanation: An I/O error was encountered while processing the Object Service Broker Journal data set. The utility terminates with a return code of 12.

Action: Contact the Object Service Broker System Administrator for further assistance.

S6BTL021E**JOURNAL RECORDS OUT OF SEQUENCE**

Source: DOB Support Offline Utils

Explanation: Input journal records are not in the expected sort sequence.

Action: Sort the input journal data set in the expected sequence and rerun.

S6BTL022I**_____ PAGES ARCHIVED TO JOURNAL**

Source: DOB Support Offline Utils

Explanation: This message indicates the number of pages that are archived to the Object Service Broker Journal data set.

Action: No action required.

S6BTL023E**VSAM ERROR RC=___ FB=___ RBA=_____****Source:** DOB Support Offline Utils

Explanation: A VSAM error was encountered on the data set currently being processed, as indicated by the accompanying messages. The VSAM Return Code (RC), Feedback Code (FB), and the RBA of the failing record are provided in the message text. The utility terminates with a return code of 8.

Action: Contact the Object Service Broker system administrator. Reason codes are documented in the z/OS DFP VSAM Macro Instruction Reference. z/OS messages are documented in the z/OS System Messages Manual.

S6BTL024E**DATA CONTROL ERROR****Source:** DOB Support Offline Utils

Explanation: A page was found in an Object Service Broker Pagestore that contains invalid control data. The utility terminates with a return code of 12.

Action: Contact your Object Service Broker system administrator for assistance.

S6BTL025E**READ ERROR RBA=0****Source:** DOB Support Offline Utils

Explanation: The record located at RBA=0 did not contain the expected Object Service Broker control data. The utility terminates with a return code of 12.

Action: Contact your Object Service Broker System Administrator for assistance.

S6BTL026E**ARCHLOG OPEN ERROR FOR
(READ | WRITE)****Source:** DOB Support Offline Utils

Explanation: An error was detected by the system when the ARCHLOG processor was attempting to open the ARCHLOG for either a read or a write operation.

Action: Review the joblog to identify the cause of the problem.

S6BTL027E**DOB NOTIFICATION FAILED FOR SPIN
PROCESSING****Source:** DOB Support Offline Utils

Explanation: After the completion of the data offload from the Data Object Broker Journal data set, the owning Data Object Broker could not be contacted to reactivate the journal. The journal is not available for reuse until the Data Object Broker is manually notified or recycled.

Action: If the Data Object Broker is currently active, try rerunning the spin job to re-send the spin complete notification to the Data Object Broker.

S6BTL028E**ERROR DETECTED IN SEND WHEN ATTEMPTING TO NOTIFY DOB****Source:** DOB Support Offline Utils**Explanation:** After the completion of the data offload from the Data Object Broker journal data set, the notification of the completion could not be sent to the owning Data Object Broker. The journal is not available for reuse until the Data Object Broker is manually notified or recycled.**Action:** If the Data Object Broker is still active, rerun the SPIN process to attempt to re-send the notification.**S6BTL029E****ERROR DETECTED WHEN RELEASING ACQUIRED STORAGE****Source:** DOB Support Offline Utils**Explanation:** When attempting to release storage obtained by a utility, the system found the release to be in error. The process terminates with a nonzero return code.**Action:** Contact TIBCO Support.**S6BTL030W****ARCHLOG RECORD FAILURE DETECTED, PROCESSING CONTINUED****Source:** DOB Support Offline Utils**Explanation:** The ARCHLOG update processing routine returned a nonzero return code.**Action:** Processing continues. No action is required.**S6BTL031E****S6BBKCXO ERROR R15=X'XXXXXXXX'****Source:** DOB Support Offline Utils**Explanation:** An error was detected in the data compression subroutine. Processing terminated.**Action:** Review the user-supplied compression exit to determine the cause of the error.**S6BTL032E****ARCHLOG PROCESSING ROUTINE LOAD REQUEST FAILED****Source:** DOB Support Offline Utils**Explanation:** The common subroutine that manipulates the ARCHLOG is dynamically loaded by various S6BTL*** utilities. The load failed.**Action:** Review the joblog to determine why the ARCHLOG could not be loaded.**S6BTL033W****ARCHLOG PROCESSING IGNORED, DBDLIB NOT DEFINED IN JCL****Source:** DOB Support Offline Utils**Explanation:** The DBDLIB is not defined in the utility job stream, the ARCHLOG cannot be identified and therefore it cannot be processed.**Action:** Correct the job stream to include a DD statement for the DBDLIB.

S6BTL034E**S6BBKCXR ERROR R15=X'XXXXXXXX'****Source:** DOB Support Offline Utils**Explanation:** A failure was returned from the user-supplied data compression routine.**Action:** Determine the cause of the error as per the supplied exit.**S6BTL035W****HRNBKDXI ERROR R15=X'XXXXXXXX'****Source:** DOB Support Offline Utils**Explanation:** An error was detected by the user-supplied data decompression routine.**Action:** Determine the error by looking at your routine.**S6BTL036W****COMPRESSION DISABLED BY HRNBKDXI****Source:** DOB Support Offline Utils**Explanation:** A user-supplied compression routine elected to disable compression.**Action:** No action is required.**S6BTL037W****HRNBKDXR ERROR R15=X'XXXXXXXX'****Source:** DOB Support Offline Utils**Explanation:** A user-supplied decompression exit returned a nonzero return code.**Action:** Determine the error via the user exit.**S6BTL038E****ARCHLOG CLOSURE ERROR DETECTED, PROCESSING CONTINUES****Source:** DOB Support Offline Utils**Explanation:** After the successful completion of ARCHLOG update processing, the process detected an error when closing the ARCHLOG.**Action:** Refer to the joblog for further failure information. No action is required, processing continues.**S6BTL039W****HRNBKDXE ERROR R15=X'XXXXXXXX'****Source:** DOB Support Offline Utils**Explanation:** A user-supplied data decompression exit returned a nonzero return code.**Action:** Correct the error via the user exit.**S6BTL040W****DATASET JFCB EXTRACT FAILED, PROCESSING CONTINUES****Source:** DOB Support Offline Utils**Explanation:** During an attempt to obtain the data set name and DASD volume for the Cache data set, the read "JFCB" failed. Processing continues even though the DSN and volume are not available.**Action:** No action is required.

S6BTL041E**INVALID DEVICE CLASS FOR LOGGING****Source:** DOB Support Offline Utils**Explanation:** The Object Service Broker logging data set specified does not reside on a direct access device.**Action:** Change the allocation of the logging data set so that it resides on a direct access volume.**S6BTL042E****EXCP ERROR ON RELATIVE TRACK ____****Source:** DOB Support Offline Utils**Explanation:** An EXCP error was encountered while reading or writing to the Cache or Contingency Log data set at the indicated relative track. The utility terminates with a return code of 12.**Action:** Refer to the accompanying z/OS messages for further information regarding this error, and contact TIBCO Support for assistance.**S6BTL043I****RELATIVE TRACK ____ FORMATTED SUCCESSFULLY****Source:** DOB Support Offline Utils**Explanation:** The relative track indicated by the message text was successfully formatted. In cases where the cache data set is being formatted, the Cylinder and Head (CC HH) address of the track are also indicated.**Action:** No action is required.**S6BTL044E****REDO.PENDING RESTRICTED TO 255 TRACK MAXIMUM****Source:** DOB Support Offline Utils**Explanation:** The contingency log format routine detected the data set was defined to have more than 255 tracks.**Action:** Redefine the clog with 255 or less tracks and rerun the format utility (S6BTLFCL).**S6BTL045E****REDO.PENDING RESTRICTED MUST HAVE AT LEAST 6 TRACKS****Source:** DOB Support Offline Utils**Explanation:** When formatting the contingency log it was detected to have less than 6 tracks.**Action:** Redefine the CLOG with 6 to 255 tracks and rerun the format utility (S6BTLFCL).**S6BTL046W****WORKING STORAGE NOT AVAILABLE CONFIGURATION RECOVERY IGNORED****Source:** DOB Support Offline Utils**Explanation:** When the contingency log formatting routine was attempting to acquire storage to process the configuration initialization data set the storage was not available.**Action:** Increase the region parameter of your job control statements and rerun the format utility (S6BTLFCL).

S6BTL047E**REDOLOG RECORD SIZE MUST BE
CONTROL INTERVAL SIZE - 7****Source:** DOB Support Offline Utils**Explanation:** In order to allow the REDOLOG to be dump using IDCAMS it is important that the maximum record length defined for the VSAM data set is adequate. To ensure the size is appropriate the S6BTLFRL (REDOLOG Format Utility) required the record length to be the VSAM maximum which is the CISIZE-7 (Control Interval Size).**Action:** Change the VSAM define parameters to correct the record length. For example (CISZ(4096) RECSZ(200,4089)).**S6BTL048E****DEVICE CHARACTERISTICS EXTRACT
FAILURE DETECTED****Source:** DOB Support Offline Utils**Explanation:** When attempting to extract the device characteristics of the media on which the ARCHLOG is defines an error was detected.**Action:** Ensure the ARCHLOG is defined on DASD. If the problem recurs, contact TIBCO Support.**S6BTL049E****DEVICE DOES NOT SUPPORT DIRECT
ACCESS****Source:** DOB Support Offline Utils**Explanation:** The ARCHLOG is maintained using "Update In Place" processing and must therefore reside on media that supports direct access.**Action:** Redefine the ARCHLOG data set on DASD and run the S6BTLFAL format utility again.**S6BTL050E****REDOLOG CI SIZE NOT 2K OR 4K****Source:** DOB Support Offline Utils**Explanation:** While processing the redolog, an unacceptable value for the CISIZE of the data set was found as displayed in the message text. The utility terminates with a return code of 12.**Action:** Redefine the Object Service Broker redolog with an acceptable CISIZE.

S6BTL051E

WRITE ERROR ON RELATIVE TRACK ____ - CC HH= ____ ____

Source: DOB Support Offline Utils

Explanation: An error was encountered writing to the data set indicated by previous informational messages, at the relative track indicated in the message. The physical track address (CC HH) is also noted by this message. The utility terminates with a return code of 12.

Action: This message has probably been issued in response to a media failure. Try redefining the affected data set on another volume, and contact your Object Service Broker System Administrator.

S6BTL052E

DATASET JFCB EXTRACT FAILED, PROCESSING TERMINATED

Source: DOB Support Offline Utils

Explanation: When attempting to extract the JFCB (data set characteristics) for the ARCHLOG and error was detected.

Action: Ensure the ARCHLOG is defined, the JCL is correct and run the format utility again. If the problem recurs, contact TIBCO Support.

indicate the track head position. The CLOG formatter indicates if the tracks are "RESERVED" or "CLOG" with a suffix to the

S6BTL053W

SCHEDULE CANNOT HAVE BOTH APPLICABLE DAYS AND OVERRIDE DATE, CARD REJECTED

Source: DOB Support Offline Utils

Explanation: When processing the path management cards in S6BTLFCL, it was detected that an override date was supplied on a card that also specified applicable days. The two scheduling techniques are mutually exclusive and the card is rejected.

Action: Correct the rejected card and reformat the CLOG.

S6BTL054E

ARCHLOG MUST HAVE AT LEAST 2 BLOCKS PER TRACK

Source: DOB Support Offline Utils

Explanation: The ARCHLOG is fixed blocked (FB) with a record length of 132. In order to support processing the blocksize must be defined to be less than one half of a track.

Action: Redefine the ARCHLOG with an appropriate blocksize, (half track blocking is recommended) and rerun the format utility.

S6BTL055I

TRACKS SUCCESSFULLY FORMATTED

Source: DOB Support Offline Utils

Explanation: During the formatting of the Data Object Broker's data sets, the specified tracks were formatted successfully. This message is generated when formatting the cache and the contingency log. The CACHE formatter suffixes the message with "CCHH=..." to message.

Action: No action is required.

S6BTL056I**FORMATTING DUPLEX REDOLOG****Source:** DOB Support Offline Utils**Explanation:** This informational message identifies this run is formatting the duplex copy of the REDOLOG.**Action:** No action required.**S6BTL057E****ARCHLOG CONTROL ENTRY NOT FOUND****Source:** DOB Support Offline Utils**Explanation:** The first entry in the ARCHLOG data set is a control entry used to retain information about the ARCHLOG and the next insert point. When attempting to read this entry, it could not be found. The most probable cause is that the ARCHLOG was not formatted.**Action:** Format the ARCHLOG using the S6BTLFAL utility.**S6BTL058E****ARCHLOG BLOCK SIZE TOO SMALL****Source:** DOB Support Offline Utils**Explanation:** The entries on the ARCHLOG are grouped together for each Object Service Broker utility execution. The number of lines within a group depends on the configuration. In order to support processing requirements, it is required that the blocksize be such that it is large enough to retain one full group. For example, if a segment isdefined with 100 ACBS the backup utility (S6BTLBPS) generates an ARCHLOG group of 103 items, therefore the minimum blocksize would be $103 * 132$.**Action:** Redefine and reformat the ARCHLOG with a large blocksize (half track blocking is recommended).**S6BTL059E****ARCHLOG I/O ERROR DETECTED,
PROCESSING TERMINATED****Source:** DOB Support Offline Utils**Explanation:** When attempting to read the ARCHLOG in order to produce the ARCHLOG report, S6BTLPAL detected an I/O error.**Action:** Rerun the S6BTLPAL. If the problem recurs, contact TIBCO Support.**S6BTL060E****NO ENTRIES FOR ARCHLOG UPDATE
PROCESS****Source:** DOB Support Offline Utils**Explanation:** The ARCHLOG update processing routine was called to add records to the ARCHLOG. The calling program failed to provide the entries to be added.**Action:** Contact TIBCO Support.

S6BTL061E

PAGESTORE DATASET LIMITED TO 507904 PAGES, ALLOCATION EXCEEDS LIMITS

Source: DOB Support Offline Utils

Explanation: When the Pagestore data set was defined, the number of cylinders allocated provided more space than the Data Object Broker can support.

Action: Redefine your Pagestore data set with a smaller allocation. Refer to the Installation and Configuration manual for more information. If you need to expand your segment capacity, an alternative would be to increase the ACB limit (number of Pagestore data sets).

S6BTL070E

NO ____ STORES DEFINED IN DBDLIB

Source: DOB Support Offline Utils

Explanation: Processing was requested for the indicated Object Service Broker data set type. However, none was defined in the DBGEN information provided by the DBDLIB DD card. The utility terminates with a return code of 12.

Action: Correct your DBGEN to include the required Object Service Broker data set type, and rerun the utility.

S6BTL071E

DDNAME=_____ NOT A VSM DATASET

Source: DOB Support Offline Utils

Explanation: The data set pointed to by the DDNAME indicated in the message text is not a VSAM data set. The utility terminates with a return code of 12.

Action: Correct the data set referenced by the DDNAME, and rerun the utility.

S6BTL072E

DDNAME=_____ NOT A VALID PAGESTORE

Source: DOB Support Offline Utils

Explanation: The data set pointed to by the DDNAME reflected in the message text was not defined in the DBGEN as an Object Service Broker data set of the type indicated. The utility terminates with a return code of 12.

Action: Correct the indicated DDNAME to point to a valid Object Service Broker data set, and rerun the utility.

S6BTL073I

_____ PAGES SUCCESSFULLY FORMATTED

Source: DOB Support Offline Utils

Explanation: This message confirms the number of pages formatted by one of the formatting utilities.

Action: No action required.

S6BTL074E

NO INPUTS SPECIFIED VIA DD CARDS

Source: DOB Support Offline Utils

Explanation: The executing utility expected to find "DDn" DD cards in the JCL that indicate the data sets to be processed. However, none were found. The utility terminates with a return code of 12.

Action: Correct the JCL stream to include DD cards for processing.

S6BTL075E**_____ DATASET NOT EMPTY****Source:** DOB Support Offline Utils**Explanation:** The format utility has determined that the data set being processed may contain valid data. The utility terminates with a return code of 12.**Action:** Correct the JCL stream to point to an empty data set. If you are reformatting a previously used data set, delete and redefine a new cluster prior to executing this utility.**S6BTL079E****REDOLOG OPEN FAILED****Source:** DOB Support Offline Utils**Explanation:** HRNTRLRDO was unable to open a redolog file and terminates with a return code of 12.**Action:** Correct the JCL stream to point to a valid redolog file.**S6BTL080E****TIBCO(r) Object Service Broker NOT AVAILABLE****Source:** DOB Support Offline Utils**Explanation:** The requested Object Service Broker system is not currently available.**Action:** Ensure that the correct Object Service Broker system was requested, and wait for it to become available. Contact your Object Service Broker System Administrator for further assistance.**S6BTL081E****TIBCO(r) Object Service Broker VERSION MISMATCH****Source:** DOB Support Offline Utils**Explanation:** The version of Object Service Broker under which this utility is executing does not match the version of Object Service Broker under which the requested Data Object Broker is executing. The utility terminates with a return code of 12.**Action:** Ensure that any JOBLIB/TASKLIB/STEPLIB DD cards present in either the utility program's JCL, or the Object Service Broker Data Object Broker's startup JCL are referencing the proper level of the Object Service Broker software. Contact your Object Service Broker System Administrator for further assistance.**S6BTL083E****TIBCO(r) Object Service Broker COMMUNICATION ERROR CODE****Source:** DOB Support Offline Utils**Explanation:** When attempting to establish a communication link from a batch utility to the Data Object Broker, the Object Service Broker communication subsystem detected an error. In the current release the only valid return codes are 0 - successful and 16 - unsuccessful.**Action:** View the SYSLOG for additional data on the error, and contact TIBCO Support if further assistance is required.

S6BTL084E**TIBCO(r) Object Service Broker CONNECT
ERROR CODE**

Source: DOB Support Offline Utils

Explanation: When attempting to open communications between the application and the Object Service Broker Data Object Broker, either the communications subsystem or the Data Object Broker detected an error.

Action: View the SYSLOG for additional data on the error, and contact TIBCO Support if further assistance is required.

S6BTL085E**MDLAPPL COULD NOT BE MATCHED**

Source: DOB Support Offline Utils

Explanation: When attempting to open VSAM communications to the Object Service Broker Data Object Broker, the model APPLID was found to be invalid. No such VTAM resource is defined or available in the network.

Action: Ensure that the appropriate TDS= and/or MDL= parameters represent real resources in your environment.

S6BTL090E**'TDSAPPL,MDLAPPL' PARAMETERS
OMITTED OR INVALID**

Source: DOB Support Offline Utils

Explanation: Mandatory parameters to describe the target Object Service Broker connection name were not provided.

Action: Ensure that the appropriate TDS= and MDL= parameters are provided.

S6BTL091E**'##,TDSAPPL,MDLAPPL' PARAMETERS
OMITTED OR INVALID**

Source: DOB Support Offline Utils

Explanation: Mandatory parameters to describe the target Object Service Broker connection name or timing delays were not provided to S6BTLCMD.

Action: Ensure that the appropriate TDS= and MDL= parameters are provided.

S6BTL092E**UNEXPECTED KEYWORD PARAMETER,**

Source: DOB Support Offline Utils

Explanation: A keyword parameter passed to an offline utility is not supported by that utility.

Action: Correct the keyword specification and resubmit the job. View the SYSLOG for additional data on the error, or contact TIBCO Support if further assistance is required.

S6BTL093E**NO TEXT FOLLOWING KEYWORD
PARAMETER, _____**

Source: DOB Support Offline Utils

Explanation: A keyword parameter passed to an offline utility has not specified a corresponding value.

Action: Correct the keyword specification and resubmit the job. View the SYSLOG for additional data on the error, or contact TIBCO Support if further assistance is required.

S6BTL094E**UNEXPECTED POSITIONAL PARAMETER**

Source: DOB Support Offline Utils

Explanation: A startup parameter passed to an offline utility via the PARM=.... JCL directive was specified incorrectly or contains parameters not supported by this utility.

Action: View the SYSLOG for additional data on the error, and contact TIBCO Support if further assistance is required.

S6BTL095E

Source: DOB Support Offline Utils

Explanation: The S6BTL095E message label provides a reference point for the display of error text returned from the Data Object Broker when a SPIN ENABLE process fails to complete properly. It is expected that the message text will be detailed enough to identify the problem so it can be corrected.

Action: Base your action on the message text received from the Data Object Broker.

S6BTL096E

User ----- has been denied access to this service by External Secur

Source: DOB Support Offline Utils

Explanation: DOB is running with SECUREADMIN=Y and user uuuuuu does not have External Security authorization to issue DOB Commands. Rest of the input stream is flushed and the utility stops since there is no point in keep s sending the commands to the DOB.

Action: Contact your Security Administrator and either run the DOB without SECUR EADMIN=Y or update this user's External Security profile to allow_him/he the privilege of issuing DOB Commands via S6BTLCMD

S6BTL100E**BATCH INITIALIZATION FAILED**

Source: DOB Support Offline Utils

Explanation: The initialization of the batch processing environment failed. Refer to the accompanying messages to determine the cause of the failure.

Action: Correct the problem indicated and resubmit the job.

S6BTL101I**BATCH INITIALIZATION OK**

Source: DOB Support Offline Utils

Explanation: The initialization of the batch processing environment completed successfully.

Action: No action required.

S6BTL102I

SUMMARY STATS: READS _____ WRITES _____

Source: DOB Support Offline Utils

Explanation: This message is issued to summarize the database activity generated by an offline utility.

Action: No action required.

S6BTL103I

FREE PAGES ACQUIRED _____

Source: DOB Support Offline Utils

Explanation: This message is issued to summarize the database activity generated by an offline utility.

Action: No action required.

S6BTL104E

TERMINATION EXIT ERROR

Source: DOB Support Offline Utils

Explanation: A nonzero return code was returned by the batch processing termination exit (BATCHTMX).

Action: Contact your system administrator for further information.

S6BTL105I

BATCH FUNCTION COMPLETED

Source: DOB Support Offline Utils

Explanation: This message is issued to signal the end of batch processing.

Action: No action required.

S6BTL106E

I/O ERROR WHILE WRITING THE CONTROL PAGE

Source: DOB Support Offline Utils

Explanation: An I/O error occurred while writing the Object Service Broker control page.

Action: Read the accompanying messages to find the cause of the I/O error.

S6BTL107E

MESSAGE ERROR

Source: DOB Support Offline Utils

Explanation: An invalid Object Service Broker message unit was encountered during batch processing.

Action: Contact your System Administrator for assistance.

S6BTL108E

NO HOST SESSION FOR BATCH SERVER

Source: DOB Support Offline Utils

Explanation: The requested host session either does not exist or is not able to service your request at this time.

Action: Ensure that a valid host VTAM APPLID was coded. If the APPLID is valid, retry your request at a later time, or contact your Object Service Broker System Administrator.

S6BTL109E**BATCH - PUTFREE PAGE FAILED**

Source: DOB Support Offline Utils

Explanation: During batch processing, a PUTFREE page request failed.

Action: Contact your Object Service Broker System Administrator for assistance.

S6BTL110E**FREE OVERFLOW FAILED**

Source: DOB Support Offline Utils

Explanation: An attempt to free an overflow area has failed.

Action: Contact your Object Service Broker System Administrator for assistance.

S6BTL111E**FREE HASH EXTENT FAILED**

Source: DOB Support Offline Utils

Explanation: An attempt to free a HASH table extent has failed.

Action: Contact your Object Service Broker System Administrator for assistance.

S6BTL112E**PAGE NUMBER OUT-OF-RANGE FOR THIS PGESTORE**

Source: DOB Support Offline Utils

Explanation: The requested page number is not within the range of available pages for this segment.

Action: Contact your Object Service Broker System Administrator for assistance.

S6BTL121I**PAGESTORE INPUT OPEN ERROR**

Source: DOB Support Offline Utils

Explanation: An error was detected by the operating system when attempting to open the Pagestore data set. The utility terminates with a return code of 8.

Action: View the job SYSLOG for more information about the open failure.

S6BTL122I**OUTPUT TAPE OPEN ERROR**

Source: DOB Support Offline Utils

Explanation: An error was detected by the operating system when attempting to open the tape file for output. The utility terminates with a return code of 8.

Action: View the job SYSLOG for more information about the open failure.

S6BTL123I**VSAM LOGICAL ERROR ON INPUT**

Source: DOB Support Offline Utils

Explanation: An error was detected by the operating system when attempting to read the VTAM RPL for the next Pagestore record. The read attempt resulted in a return code of 4 or 8. The utility terminates with a return code of 8.

Action: View the job SYSLOG for more information about the open failure.

S6BTL124I**VSAM PHYSICAL ERROR ON INPUT****Source:** DOB Support Offline Utils**Explanation:** An error was detected by the operating system when attempting to read the VTAM RPL for the next Pagestore record. The read attempt resulted in a return code of 12. The utility terminates with a return code of 8.**Action:** View the job SYSLOG for more information about the open failure.**S6BTL130I****INVALID NUMERIC FIELD SET TO ZERO****Source:** DOB Support Offline Utils**Explanation:** The configuration input record to S6BTLFCL contains invalid numeric data. The value of 0 is assumed.**Action:** Correct the configuration cards and rerun S6BTLFCL.**S6BTL131I****INPUT:** _____ **CONTROL,** _____
SCHEDULES**Source:** DOB Support Offline Utils**Explanation:** This message is issued by the contingency log formatting utility (S6BTLFCL) to report on the number of Path Management control cards processed while formatting the log. The variable portions of the message text indicate the number of Path control cards (CONTROL) and the number of Path Management control cards (SCHEDULES) processed.**Action:** No action is required.**S6BTL132E****DBDLIB PROCESSING ERROR****Source:** DOB Support Offline Utils**Explanation:** ERROR READING DBDLIB**Action:** CORRECT ERROR & RESUBMIT**S6BTL133E****GETMAIN STORAGE FAILED "OR"
GETMAIN FAILED****Source:** DOB Support Offline Utils**Explanation:** insufficient memory available**Action:** increase region size & resubmit**S6BTL134E****REPORT PROCESSING PROBLEM****Source:** DOB Support Offline Utils**Explanation:** ERROR ALLOCATING REPORT
DD**Action:** CHECK JCL TO ENSURE ALL
REQUIRED REPORT DD STATEMENTS
ARE PRESENT**S6BTL135E****INVALID ADDRESS - LOGIC ERROR****Source:** DOB Support Offline Utils**Explanation:** There is an invalid address pointer
to the next bitmap page.**Action:** This is the result of a program logic error;
the program is unable to continue. Contact
TIBCO Support.

S6BTL136I**DATE CONVERSION ACTIVATED**

Source: DOB Support Offline Utils

Explanation: Date Conversion Parameter CONV appears in JCL.

Action: No action required; date conversion is automatic.

S6BTL137I**#DATTIM CONVERSION ERROR**

Source: DOB Support Offline Utils

Explanation: Something got triggered during execution of the date conversion routine.

Action: Open a problem incident and retain the image of the backup for analysis.

S6BTL150E**KEYWORD PARAMETER TOO LONG**

Source: DOB Support Offline Utils

Explanation: The identified keyword is too long. Possibly the "=" is missing.

Action: Correct and retry.

S6BTL151E**PARAMETER IS TOO LONG**

Source: DOB Support Offline Utils

Explanation: The parameter value supplied for the specified keyword is too long.

Action: Correct and retry.

S6BTL152E**IS AN UNRECOGNIZED KEYWORD PARAMETER**

Source: DOB Support Offline Utils

Explanation: The specified keyword parameter could not be identified.

Action: Correct and retry.

S6BTL153E**HOST AND MODEL ARE REQUIRED PARAMETERS**

Source: DOB Support Offline Utils

Explanation: The host and model parameters are required to make the connection to the Data Object Broker. One or both of these parameters is missing or not recognized.

Action: Correct and retry.

S6BTL154E**OUTPUT FILE COULD NOT BE OPENED, SEE JOB LOG**

Source: DOB Support Offline Utils

Explanation: The file onto which the Resource repository is to be backed up could not be opened. Check the job log for more information.

Action: Correct and retry.

S6BTL155E**REQUEST COULD NOT BE SENT TO THE DOB****Source:** DOB Support Offline Utils**Explanation:** When attempting to send a request to the Data Object Broker the send function returned an error.**Action:** Correct and retry, review the job log for further information.**S6BTL156E****RETRIEVAL ERROR DETECTED****Source:** DOB Support Offline Utils**Explanation:** When attempting to retrieve resource detail information the retrieval request failed.**Action:** If the job log messages do not identify the problem, contact TIBCO Support.**S6BTL160I****REDOLOG COPY INPUT CI SIZE IS (4096 | 8192) BYTES****Source:** DOB Support Offline Utils**Explanation:** Identifies the control interval (CI) size of the input redolog on the REDOIN DD. Valid CI sizes are 4096 or 8192 - any other size causes S6BTLFRL to fail with RC=12.**Action:** None - information only.**S6BTL161I****REDOLOG COPY OUTPUT CI SIZE IS (4096 | 8192) BYTES****Source:** DOB Support Offline Utils**Explanation:** Identifies the control interval (CI) size of the output redolog on the REDOOUT DD. Valid CI sizes are 4096 or 8192 - any other size causes S6BTLFRL to fail with RC=12.**Action:** None - information only.**S6BTL162E****REDOLOG COPY REDOIN OPEN FAILED****Source:** DOB Support Offline Utils**Explanation:** The open of the input redolog on the REDOIN DD failed. The task terminates with a RC=12.**Action:** Check that the file is not in use by any other task. Check that the file is a valid VSAM REDOLOG. Rerun the job.**S6BTL163E****REDOLOG COPY REDOOUT OPEN FAILED****Source:** DOB Support Offline Utils**Explanation:** The open of the input redolog on the REDOOUT DD has failed. The task terminates with a RC=12.**Action:** Check that the file is not in use by another task. Check that the file is a valid VSAM REDOLOG. Rerun the job.

S6BTL164E**REDOLOG COPY REDOIN/OUT HI-U-RBA NOT EQUAL TO HI-A-RBA****Source:** DOB Support Offline Utils**Explanation:** A valid redolog has a VSAM HI used RBA equal to the HI alloc RBA. If either the input REDOLOG or the output REDOLOG does not meet this requirement, the file could be corrupt or not be a redolog.**Action:** Obtain a listcat of the respective redologs. Identify which one is invalid. Confirm that it is a redolog.**S6BTL165E****REDOLOG COPY REDOIN/OUT CI SIZE MISMATCH****Source:** DOB Support Offline Utils**Explanation:** The CISIZE for the input REDOLOG is different from the CISIZE of the output redolog. Both LOGS must have the same CISIZE for the copy to work.**Action:** Delete and redefine the target REDOLOG with the correct CISIZE. Reformat the target redolog. Rerun the copy task.**S6BTL166E****REDOLOG COPY DATASET SIZE MISMATCH****Source:** DOB Support Offline Utils**Explanation:** The input and output redologs are not the same size. For the copy to work, they must be the same size. The task is terminated with RC=12.**Action:** Delete and redefine the target REDOLOG with the correct CISIZE. Reformat the target redolog. Rerun the copy task.**S6BTL167E****REDOLOG COPY REDOOUT DATASET NOT FORMATTED****Source:** DOB Support Offline Utils**Explanation:** The target redolog is not formatted. The copy is terminated with RC=12.**Action:** Check that the target redolog is the correct data set. Reformat the target redolog. Rerun the copy task.**S6BTL168E****REDOLOG COPY INPUT DATASET IS FORMATTED - COPY DISALLOWED****Source:** DOB Support Offline Utils**Explanation:** The input REDOLOG is formatted. The copy task terminates with RC=12.**Action:** Check that you have specified the correct REDOLOG, and then rerun the job.**S6BTL169E****REDOLOG COPY I/O ERROR WRITING REDOOUT****Source:** DOB Support Offline Utils**Explanation:** An I/O error occurred while writing to the target REDOLOG. The job is terminated with RC=12.**Action:** Refer to message S6BTL172E for VSAM feedback codes to determine the cause of the error.

S6BTL170E**REDOLOG COPY I/O ERROR READING REDOIN**

Source: DOB Support Offline Utils

Explanation: There was an I/O error reading the input REDOLOG. The job is terminated with a RC=12.

Action: Refer to message S6BTL172E for VSAM feedback codes to determine the cause of the error.

S6BTL171E**REDOLOG COPY I/O ERROR READING REDOOUT**

Source: DOB Support Offline Utils

Explanation: There was an I/O error reading the target redolog.

Action: Refer to message S6BTL172E for VSAM feedback codes to determine the cause of the error.

S6BTL172E**REDOLOG COPY I/O ERROR RC=__ FB=**

Source: DOB Support Offline Utils

Explanation: An I/O error occurred processing either the REDOIN or REDOOUT DD. This message contains the VSAM return code and feedback code, and is issued after messages S6BTL169E, S6BTL170E, or S6BTL171E.

Action: Refer to the appropriate IBM manual for the meaning of the VSAM error codes.

S6BTL173I**REDOLOG COPY REDOIN CI COUNT =**

Source: DOB Support Offline Utils

Explanation: This message indicates the number of control intervals (CIs) read from the input REDOLOG.

Action: None - Information only.

S6BTL174I**REDOLOG COPY REDOOUT CI COUNT =**

Source: DOB Support Offline Utils

Explanation: This message indicates the numbers of control intervals (CIs) written to the output REDOLOG.

Action: None - Information only.

S6BTL175E**CACHE OPEN ERROR DETECTED**

Source: DOB Support Offline Utils

Explanation: During the execution of a utility where the cache is processed, the cache data set open failed.

Action: Review the job log for further identification of the problem.

S6BTL176E**DATASET MUST BE CONTAINED WITHIN ONE EXTENT**

Source: DOB Support Offline Utils

Explanation: When formatting a Data Object Broker file, Object Service Broker detected that the allocation required multiple extents. This is not supported.

Action: Do one of the following:

- Decrease the primary quantity for the definition
- Relocate the data set to a different volume
- Request the definition with contiguous space

TR: TDS

S6BTR001E

Invalid field syntax for secondary index

Source: TDS

Explanation: Secondary index cannot be defined and built on fields with syntax W and F.

Action: Do not use SIXBUILD on fields with syntax W or F.

S6BTR002E

CTABLE too large to return for table

Source: TDS

Explanation: The table definition is too large to be processed. Possible reasons are:

- Too many fields
- The Data Object Broker parameter CTABLESIZE is too small
- Too many stored selections.

Action: Increase the Data Object Broker parameter CTABLESIZE from 8 to 16 to double the CTABLE size to 16 KB. The Data Object Broker must be shut down and restarted with the new parameter.

S6BTR003E

Cannot derive PRM table from non-TDS table

Source: TDS

Explanation: The source of a parameter (PRM) table must be a TDS table.

Action: Do not define a PRM table on a non-TDS source.

S6BTR004E

On-line SIXBUILD disallowed for large table

Source: TDS

Explanation: Online use of SIXBUILD is restricted by the size of the table, for performance and operation reasons.

Action: Use S6BBRSIX to build a secondary index when the table has more than 3000 data pages.

S6BTR005E

Field name not found in table

Source: TDS

Explanation: The input field name is not one of the defined fields for the table.

Action: Verify the field name and repeat the operation.

S6BTR006E

Secondary index not found in

Source: TDS

Explanation: The secondary index was not built, but was expected.

Action: Call SIXBUILD (online) or S6BBRSIX (offline) to build the secondary index and repeat the operation.

S6BTR007E

Secondary index already exists in

Source: TDS

Explanation: You tried to build a secondary index when it already exists.

Action: No action is required.

S6BTR008E

Secondary key length > 127 in

Source: TDS

Explanation: You used SIXBUILD (to build a secondary index) on a field whose length is greater than maximum allowed.

Action: Do not use SIXBUILD on a field with a length greater than 127.

S6BTR009E

Invalid table type (not TDS) for table

Source: TDS

Explanation: Certain database operations, such as SIXBUILD and CLRTAB, are applicable only to TDS tables.

Action: Do not use SIXDELETE or CLRTAB on non-native tables (i.e., tables other than TDS tables). Do not use SIXBUILD on non-TDS tables.

S6BTR010E

Field name must not be the primary key in

Source: TDS

Explanation: You tried to build an index (SIXBUILD) or delete an index (SIXDELETE) on a primary key.

Action: Do not use SIXBUILD or SIXDELETE on a primary key field.

S6BTR011E

Too many fields defined for a composite key

Source: TDS

Explanation: The maximum number of fields allowed in a composite key is 16.

Action: Reduce the number of fields in the composite key.

S6BTR013E

TABLES occurrence not found for table

Source: TDS

Explanation: The requested table has not been defined yet.

Action: Use the Table Definer to define the table.

S6BTR014E

No fields defined for table

Source: TDS

Explanation: No occurrence for the table is in the FIELDS table, but an occurrence exists in the TABLES table.

Action: Use the Table Definer to define fields for the table.

S6BTR015E

Source tablename required in definition for table

Source: TDS

Explanation: The name of a source table was not provided when required.

Action: Provide the appropriate source name.

S6BTR017E**Table row exceeds maximum size for table****Source:** TDS**Explanation:** The calculated row length (based on the sum of field lengths) exceeds 4051 bytes.**Action:** Reduce the field lengths or the number of fields.**S6BTR018E****Invalid field number found for a field of table****Source:** TDS**Explanation:** The field number must be an integer greater than 0.**Action:** Edit the occurrences of the FIELDS table to ensure that all NUMBER values are greater than 0 and consecutive.**S6BTR019E****Invalid sort direction in ordering of table****Source:** TDS**Explanation:** Stored ordering must either be A (for ascending) or D (for descending).**Action:** Edit the occurrences of the ORDERING table for this table to ensure that the order is A or D.**S6BTR021E****Key field not field number 1 in table****Source:** TDS**Explanation:** For TDS tables, the primary key field must be the first field.**Action:** Edit the occurrence for the table in the FIELDS table to ensure that the field where NUMBER=1 is the primary key.**S6BTR022E****Key must be defined as BINARY 4 for IDGEN table****Source:** TDS**Explanation:** The only type of key supported for an IDgen table is one with binary syntax (B) and a length of 4.**Action:** Use the Table Definer to either set IDgen=N or define the primary key correctly.**S6BTR023E****Definition too large to process for table****Source:** TDS**Explanation:** The table definition is too large to be processed. Possible reasons are:

- Too many fields
- The Data Object Broker parameter CTABLESIZE is too small
- Too many stored selections.

Action: Increase the Data Object Broker parameter CTABLESIZE from 8 to 16 to double the CTABLE size to 16 KB. The Data Object Broker must be shut down and restarted with the new parameter.**S6BTR024E****Severe error occurred building CTABLE for table****Source:** TDS**Explanation:** Internal system error.**Action:** Contact TIBCO Support.

S6BTR025E

Length must be 1 for LOGICAL attribute for

Source: TDS

Explanation: For a field with a semantic type of logical (L), its LENGTH must be 1.

Action: Either change the field type or field length to avoid error.

S6BTR027E

Length of 2 or 4 required with BINARY syntax for

Source: TDS

Explanation: For a field with binary syntax (B), only lengths of 2 and 4 are currently supported.

Action: Change the field length accordingly.

S6BTR028E

Zero DECIMAL required with type/syntax specified for

Source: TDS

Explanation: Unless a field is defined with packed decimal syntax (P), the DECIMAL field must be 0.

Action: Either make SYNTAX=P or set DECIMAL=0 for the indicated field.

S6BTR029E

Non-positive length specified for

Source: TDS

Explanation: The length of a field must be greater than 0.

Action: Change the field length to a valid integer.

S6BTR030E

Length of 4/8/16 required with FLOAT syntax for

Source: TDS

Explanation: For a field of floating point syntax (F), only three places of precision are supported.

Action: Change the field length to 4, 8, or 16.

S6BTR031E

Invalid type/syntax combination for

Source: TDS

Explanation: The combination of semantic type and syntax is not supported.

Action: Refer to the Managing Data manual for the permitted syntaxes for each semantic type.

S6BTR032E

Invalid syntax for

Source: TDS

Explanation: The syntax for the indicated field is not permitted for its semantic type.

Action: Refer to the Managing Data manual for the permitted syntaxes for each semantic type.

S6BTR033E

Invalid semantic type for

Source: TDS

Explanation: The semantic type for the indicated field is not permitted for its syntax.

Action: Refer to the Managing Data manual for the permitted syntaxes for each semantic type.

S6BTR034E

No definition found for virtual Screen

Source: TDS

Explanation: The screen name is not found in the table SCREENS.

Action: Contact TIBCO Support.

S6BTR035E

No screen tables found for virtual Screen

Source: TDS

Explanation: The screen has no corresponding screen table.

Action: Use the Screen Painter to define at least one screen table.

S6BTR036E

No screen fields defined for screen table

Source: TDS

Explanation: Every screen table must have at least one field.

Action: Use the Screen Table Painter to create at least one field for the named screen table.

S6BTR037E

No CTABLE found for screen table

Source: TDS

Explanation: An error was encountered in building a CTABLE for the screen table while building a CTABLE for the screen.

Action: Check that all the field definitions for the indicated screen table are correct or contact TIBCO Support.

S6BTR038E

No CTABLE field entry found for screen field

Source: TDS

Explanation: No screen field is defined for the indicated screen table.

Action: Use the Screen Table Painter to define at least one field for the screen table.

S6BTR039E

Screen CTABLE too large for virtual Screen

Source: TDS

Explanation: Too many screen fields or too many screen tables are defined for the screen.

Action: Change the Data Object Broker parameter XTABLESIZE from 16 KB (the default size) to an appropriate value, or reduce the number of screen tables and screen fields.

S6BTR040E

No definition found for reference table

Source: TDS

Explanation: The reference table name provided in the REFERENCE field of the FIELDS table does not exist.

Action: Set the REFERENCE field to null or provide a valid table name.

S6BTR041E

Invalid table type for reference table

Source: TDS

Explanation: The reference table named in the REFERENCE field of the FIELDS table cannot be a screen table or an export table.

Action: Set the REFERENCE field to null or provide a valid table name.

S6BTR042E

Error occurred building key code for table

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTR045E

Multiple key fields are not contiguous for table

Source: TDS

Explanation: Composite primary key must be defined over contiguous fields.

Action: Redefine the table using Table Definer. Rearrange the order of defined fields such that the primary key fields are contiguous.

S6BTR050E

Window ctable build error encountered in definition table

Source: TDS

Explanation: An inconsistency has been detected in the definition table. For example, the table instance for the window may be empty, or a graphical object mapping a screen field (given by @DATAMAPPING) may not exist in the window. This could have resulted from editing the definition table without knowing the dependencies involved.

Action: For a nonexistent graphical object as an occurrence in @DATAMAPPING, either add the graphical object through the Window Builder or remove the occurrence from @DATAMAPPING. Contact TIBCO Support.

S6BTR053E

Dictionary table not defined

Source: TDS

Explanation: The requested table is not in @IDMSTABLES.

Action: Redefine the external table for CA-IDMS data.

S6BTR054E

No IDMSTABLES definition found for table

Source: TDS

Explanation: No occurrence was found in the table @IDMSTABLES for the requested IDM table.

Action: Delete the table definition for the given table (by using the Table Editor) and redefine the table with the CA-IDMS manager system.

S6BTR055E

Error encountered retrieving IDMSACCESS

Source: TDS

Explanation: The IDMSACCESS page retrieved is not a data page.

Action: Contact TIBCO Support.

S6BTR056E

Subschema definition not found

Source: TDS

Explanation: The subschema definition for the given table does not exist in TIBCO(r) Object Service Broker.

Action: Load the subschema definition with the CA-IDMS manager system.

S6BTR057E

**Record name not found in table
IDMSRECORDS**

Source: TDS

Explanation: The requested record was not found in the subschema definition.

Action: Use the CA-IDMS manager system to reload the subschema.

S6BTR058E

No IDMSFIELDS table found for table name

Source: TDS

Explanation: No fields were found for the given table.

Action: Delete and redefine the CA-IDMS table definition.

S6BTR059E

No IDMSFIELDS entry found for field name

Source: TDS

Explanation: FIELDS(tablename) and @IDMSFIELDS(tablename) do not match.

Action: Delete and redefine the CA-IDMS table definition.

S6BTR060E

No IDMSELEMENTS table found for record name

Source: TDS

Explanation: The requested field was not found in the subschema definition.

Action: Reload the subschema definition.

S6BTR061E

No IDMSELEMENTS entry found for element name

Source: TDS

Explanation: The requested element name was not found in the @IDMSELEMENTS table for the given subschema and record.

Action: Reload the subschema definition.

S6BTR063E

Error encountered retrieving IDMSINDEXES

Source: TDS

Explanation: The page retrieved was not a data page.

Action: Contact TIBCO Support.

S6BTR064E

CTABLE for IDMS data too large for table

Source: TDS

Explanation: The IDM table definition has exceeded the maximum allowed.

Action: Increase the XTABLESIZE= parameter in the Data Object Broker startup.

S6BTR074E

No definition found for report

Source: TDS

Explanation: No definition could be found for the indicated report.

Action: Check that you have specified the correct report name.

S6BTR075E**No report tables defined for report****Source:** TDS**Explanation:** No component report tables exist for the indicated report.**Action:** Use the Report Definer to define the report tables you want to include in the indicated report.**S6BTR076E****No report fields defined for report table****Source:** TDS**Explanation:** There are no report fields defined for the indicated report table.**Action:** Define some report fields for the indicated report table, or remove the report table name from the report definition.**S6BTR077E****No CTABLE found for report table****Source:** TDS**Explanation:** The table definition for the indicated report table cannot be found.**Action:** Define the required report table.**S6BTR079E****Report CTABLE too large for virtual report****Source:** TDS**Explanation:** If the Data Object Broker parameters CTABLESIZE and XTABLESIZE are both set to 31, the definition of the indicated report is too complex. In other words, there are too many report tables, report fields, or literals for this report.**Action:** Ensure the Data Object Broker Parameters CTABLESIZE AND XTABLESIZE are set to 31. If the problem still occurs, decrease the number of report fields and literals for this report.**S6BTR082E****Unicode Field length must be even****Source:** TDS**Explanation:** The length of a Unicode field cannot be an odd number.**Action:** Correct the definition of the Unicode field.

TS: TDS

S6BTS000E

TDS internal system error detected

Source: TDS

Explanation: An internal error has unexpectedly occurred, possibly due to database corruption.

Action: Contact TIBCO Support.

S6BTS001E

Table relocation command issued against a non-TDS table

Source: TDS

Explanation: The Object Service Broker gateway for external data failed to store the Object Service Broker table definition. The main reason for this is that the table storage pool size (POOLSIZE) is not large enough.

Action: Restart gateway with a larger POOLSIZE parameter value.

S6BTS002E

Table relocation request; target segment same as current

Source: TDS

Explanation: The TABLE MOVE function was issued to relocate a table to the segment where it already resides.

Action: Ensure that the target segment is different from the current segment in which the table resides.

S6BTS003E

RTIX search failed during table relocate request - PG#

Source: TDS

Explanation: The Object Service Broker gateway for external data received a request that it cannot process. This is a symptom of a version mismatch; Object Service Broker does not support unqualified deletes.

Action: Ensure that the Object Service Broker and gateway release levels are compatible. If this does not resolve the problem, contact TIBCO Support.

S6BTS004E

RTIX search failed during table relocate request - name

Source: TDS

Explanation: The Object Service Broker table that maps the external Fail Safe Level-1 transaction database is not defined correctly.

Action: Correct the table definition.

S6BTS005E

Expected SIT page not found for table relocation request

Source: TDS

Explanation: The interface routine between the Object Service Broker external gateway and the external data gateway could not be loaded or is not valid.

Action: Specify a valid value for EXTERNALROUTINE configuration parameter.

S6BTS006E

Invalid page type found during table relocation process

Source: TDS

Explanation: The indicated table name is not a valid Object Service Broker table name.

Action: Specify a valid Object Service Broker table name for the external Fail Safe level-1 transaction database (TRXDB).

S6BTS007E

Table relocation requested on table with SIX entries

Source: TDS

Explanation: The Object Service Broker gateway for external data failed to acquire and/or initialize the table definition storage pool specified on the POOLSIZE parameter.

Action: Reduce POOLSIZE value or increase available memory.

S6BTS008E

RTIX branch lost during table relocation processing

Source: TDS

Explanation: The Object Service Broker gateway for external data has ended.

Action: No action required.

S6BTS009E

Table relocation requested on table with data

Source: TDS

Explanation: The gateway session failed to connect to the Data Object Broker.

Action: Check previous messages and Data Object Broker log for more information. Fix the problem and try again.

S6BTS010E

RTIX entry found on target segment in table relocation

Source: TDS

Explanation: During TABLE MOVE function for a table, the same table name was found in the target segment's resident table index. This is due to a database corruption.

Action: Ensure that the target segment is properly reformatted or restored correctly from a backup. Contact TIBCO Support.

S6BTS011E

Table relocation requested on system table

Source: TDS

Explanation: While attempting to build the Object Service Broker occurrence from the external occurrence or vice versa, an error was encountered. The extension to this message gives more detail.

Action: Correct the table definition or the data.

S6BTS012E

FIELDS table row format error

Source: TDS

Explanation: The initialization of the Object Service Broker gateway for external data failed. Previous messages give more information.

Action: Correct the initialization error and restart the gateway.

S6BTW001E

Table name not found in the resident table index;

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTW003E

Unexpected page type found in CTABLE build;

Source: TDS

Explanation: Internal system error.

Action: Contact TIBCO Support.

S6BTW005E

Highest level index updated for table "%"

Source: TDS

Explanation: The highest supported level of an index has been updated. This could be either a primary or secondary index. This message is also recorded in table @CRITICALMSGSGS.

Action: The table listed in this message is approaching its maximum size for an index. The systems administrator should take steps to reduce the amount of data currently in the table. Failure to take action may result in the system being unable to insert more data rows into the table.

A copy of this message is saved in the @CRITICALMSGSGS table. Contact the system administrator to review the @CRITICALMSGSGS table and take action for any critical messages saved in it.

S6BTW006E

Table @CRITICALMSGSGS is full

Source: TDS

Explanation: The table @CRITICALMSGSGS is full. No more critical messages can be written to it until some of the current entries are deleted.

Action: Contact the system administrator to review the messages stored in @CRITICALMSGSGS and to delete those for which action has been taken.

S6BTW007E

Table @CRITICALMSGSGS is not correctly defined

Source: TDS

Explanation: Either table @CRITICALMSGSGS is not defined or its root page is invalid.

Action: Contact TIBCO Support.

TY: ostty Client

S6BTY001E

Unknown host: %

Source: ostty Client

Explanation: The host name of the osMon process to which the ostty process is attempting to connect could not be found.

Action: Change the MONHOST and/or the MONNAME parameter so that a valid host name is used by the ostty process when it attempts to connect to your osMon process.

S6BTY002E

Cannot initialize TTY client terminal

Source: ostty Client

Explanation: An attempt to initialize an ostty terminal failed.

Action: Examine the operating system error codes to determine the reason for the failure.

S6BTY003E

Cannot resize TTY client terminal

Source: ostty Client

Explanation: An attempt to resize an ostty terminal failed.

Action: Examine the operating system error codes to determine the reason for the failure.

S6BTY004E

TTY client ABENDED

Source: ostty Client

Explanation: An ostty process abended.

Action: Examine the accompanying log messages to determine the reason for the abend. If the problem persists, contact TIBCO Support.

S6BTY005E

TTY connection lost

Source: ostty Client

Explanation: The connection between the ostty process and the osee process was lost.

Action: Examine the operating system error codes to determine the reason for the failure.

UA: DOB Application Tasks

S6BUA002E

Abort, cannot query/commit while offline

Source: DOB Application Tasks

Explanation: A transaction was aborted because the Data Object Broker is offline.

Action: Retry the transaction.

S6BUA003E

Abort, cannot query/commit during startup

Source: DOB Application Tasks

Explanation: A transaction was aborted because the Data Object Broker is still in the process of starting up.

Action: Retry the transaction.

S6BUA004E

Abort, cannot commit while quiesced

Source: DOB Application Tasks

Explanation: A transaction was aborted because the Data Object Broker is quiesced.

Action: Retry the connection.

S6BUA005E

Abort, cannot query/commit during shutdown

Source: DOB Application Tasks

Explanation: A transaction was aborted because the Data Object Broker is in the process of shutting down.

Action: Retry the transaction.

S6BUA006E

Abort, Data Object Broker stopping due to error

Source: DOB Application Tasks

Explanation: A transaction was aborted because the Data Object Broker is abending.

Action: Peruse the Data Object Broker log for previously occurring messages that may more explicitly diagnose the nature of the error.

S6BUA010E

Unable to initialize European language support

Source: DOB Application Tasks

Explanation: The Data Object Broker was unable to initialize European code page support for TDS. This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUA011E**Unable to initialize lock manager****Source:** DOB Application Tasks**Explanation:** The Data Object Broker was unable to initialize the Lock Manager. This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUA012E****'%': no such peer****Source:** DOB Application Tasks**Explanation:** The name of the node identified in the message is not known to your local node.**Action:** Check the spelling of the node name in the application. If it correctly matches the node name specified by the remote peer, the lookup failure indicates that initial connection from the local to the remote peer has not yet been established.**S6BUA013E****No available connections to '%'****Source:** DOB Application Tasks**Explanation:** A distributed transaction is unable to proceed because all connections to the specified peer are in use.**Action:** If this problem occurs frequently, you may need to define more connections to the peer by updating the appropriate PEERS parameter in the crparm file.

For more information, refer to the Object Service Broker Installation and Operations for Windows and Solaris manual.

S6BUA014W**'%' has exceeded maximum resources for stream %****Source:** DOB Application Tasks**Explanation:** The user has attempted to acquire more than the allowable maximum number of distributed resources (gateways or peers) for the stream. The transaction is aborted.**Action:** Change the application so that it involves no more than the maximum allowable number of service providers at each nesting of the transaction.**S6BUA015E****% service unavailable for user % on %****Source:** DOB Application Tasks**Explanation:** A request for a gateway/server of the indicated type and Server ID has failed because of lack of availability. Either there are no gateways/servers of this type/ID combination logged on or they are all currently engaged in other transactions.**Action:** Wait for the service to become available or, if the problem is chronic, ask the Object Service Broker system administrator to start more gateways/servers of the desired type/ID combination.

S6BUA019W

Lock interference on stream %

Source: DOB Application Tasks

Explanation: Object Service Broker protocol error. The Execution Environment attempted to start a new transaction without terminating the current transaction that is using this stream. Logical resources remain locked by the previous stream.

Action: The user may have to log off to re-synchronize the session.

S6BUA020I

Peer user '%' logged on from '%'%

Source: DOB Application Tasks

Explanation: A user (client) connection from the specified peer Data Object Broker has been established.

Action: No action required.

S6BUA021I

User '%' logged on from '%'%

Source: DOB Application Tasks

Explanation: An Execution Environment connection has been established and accepted from the specified terminal ID (tty) or remote machine name. An origin tag of UNKNOWN is displayed if the session is started locally from a shell script.

Action: No action required.

S6BUA022I

% server % logged off from '%'

Source: DOB Application Tasks

Explanation: A gateway of the specified type and ID has disconnected from the Data Object Broker and will thus no longer be available for work. The message indicates from which partner Execution Environment the gateway was logged on from.

Action: No action required.

S6BUA023I

% server % logged on from '%'

Source: DOB Application Tasks

Explanation: A gateway/server of the specified type and ID has connected to the Data Object Broker. The message indicates from which partner Execution Environment the gateway/server has logged on.

Action: No action required.

S6BUA024I

User '%' logged off from '%'

Source: DOB Application Tasks

Explanation: The specified client (Peer Object Service Broker or Execution Environment) has disconnected from the Data Object Broker.

Action: No action required.

S6BUA025I

Peer user '%' logged off from '%'

Source: DOB Application Tasks

Explanation: A user (client) connection from the specified peer Object Service Broker Data Object Broker has been terminated.

Action: No action required.

S6BUA026I

**Server shutdown request: No servers match %
'%'**

Source: DOB Application Tasks

Explanation: This message indicates that the gateway/server you requested to shutdown was not started. You may have specified the name incorrectly.

Action: Specify the shutdown request correctly.

S6BUA027E

Server shutdown request: Wildcard '*' must be preceded by at least one character

Source: DOB Application Tasks

Explanation: You can use wildcards in the gateway/server shutdown request, as long as the gateway/server name in the request starts with a character.

Action: Specify the shutdown request correctly.

S6BUA028E

Remote request rejected from peer session '%'

Source: DOB Application Tasks

Explanation: Peer to peer to peer transaction paths are not currently permitted in Object Service Broker. A message coming from a Peer Data Object Broker that is bound for a third Data Object Broker is rejected.

Action: Redesign the distributed application.

S6BUA029I

'%' logon failed, user limit exceeded

Source: DOB Application Tasks

Explanation: A logon attempt from a client was rejected because all of the allocated user control tables are held by other users.

Action: Increase the MAXUSERS parameter in the crparm file and restart the Data Object Broker to allocate a greater number of user control tables. It is worth noting that native Execution Environments, inbound peer connections, and distributed gateway rule driver connections, all require user control tables and should be considered when setting the MAXUSERS parameter.

S6BUA030I

'%' logon failed, server limit exceeded

Source: DOB Application Tasks

Explanation: An incoming gateway connection has been rejected by the Data Object Broker because all pre-allocated gateway control tables are occupied by other gateway connections.

Action: Increase the MAXDBMS parameter in the crparm file and restart the Data Object Broker to allocate a greater number of gateway spaces. It is worth noting that each expected

gateway connection, be it a distributed gateway or a DBMS gateway, should be considered when setting the MAXDBMS parameter.

S6BUA031I

Unrecognized peer login from '%', rejected

Source: DOB Application Tasks

Explanation: Another Data Object Broker attempted to connect to this Data Object Broker. There is, however, no corresponding PEERS parameter for that Data Object Broker, therefore the connection is rejected.

Action: If two Data Object Brokers are to be peers then each must have a PEERS parameter to refer to the other. Either the PEERS parameter at the other Data Object Broker must be deleted, or a PEERS parameter must be added at this Data Object Broker. Restart any Data Object Broker at which a parameter change is made.

S6BUA032I

Operator '%' logged on from '%'%

Source: DOB Application Tasks

Explanation: This message, displayed when an operator session connects, indicates the userid of the session, the terminal or remote machine name, and the IP address from which it originates.

Action: No action is required.

S6BUA033I

Operator '%' logged off from '%'

Source: DOB Application Tasks

Explanation: This message, displayed when an operator session disconnects, indicates the userid of the session and the terminal or remote machine from which it originates.

Action: No action is required.

S6BUA034E

Contingency log is undefined, transaction aborted

Source: DOB Application Tasks

Explanation: A distributed transaction operating at Fail Safe level 1 or 2 was aborted because there is no contingency log defined on the Data Object Broker.

Action: Have your Object Service Broker System Administrator format a contingency log using the hrntfcl utility, add the definition to the \$Huron/database/dbdef file, and restart the Data Object Broker.

S6BUA035E

Unable to initialize new Contingency Log entry

Source: DOB Application Tasks

Explanation: A transaction operating at Fail Safe level 1 or 2 was aborted because a request for a new contingency log entry (slot) was unable to be fulfilled.

Action: The contingency log is probably full. The Object Service Broker administrator should either manually commit or abort contingent transactions held in the log using the hrntladm administration utility. If this problem is a frequently recurring one, the contingency log should be reformatted with a greater number of slots.

S6BUA036E**Partner '%' multiply logged on, rejected****Source:** DOB Application Tasks**Explanation:** Each distributed gateway/server (API) must specify a rule driver (NEE) partner. The gateway/server connection is rejected if the partner cannot be uniquely identified and logically bound to the gateway/server connection.**Action:** Start another distributed gateway/server. If the problem persists with this subsequent attempt, contact TIBCO Support.**S6BUA037E****Partner '%' not found, logon rejected****Source:** DOB Application Tasks**Explanation:** If a connecting distributed gateway/server (API) specifies as its partner a nonexistent userid, the gateway/server connection is rejected.**Action:** Start another distributed gateway/server. If this subsequent attempt fails, contact TIBCO Support.**S6BUA038I****Logon rejected, system is not online****Source:** DOB Application Tasks**Explanation:** You cannot presently log on to the system.**Action:** Try to log on again when the system is online.**S6BUA040I****Unable to support Fail Safe level % connection from '%', Contingency Log is undefined****Source:** DOB Application Tasks**Explanation:** Your request for Fail Safe level-1 or level-2 processing cannot be supported because there is no contingency log defined.**Action:** Have your Object Service Broker system administrator format a contingency log using the hrntlfcl utility, add the definition to the \$Huron/database/dbdef file, and restart the Data Object Broker.**S6BUA041I****Service trace for user %:% enabled****Source:** DOB Application Tasks**Explanation:** You requested that all service messages to the Data Object Broker on behalf of the specified user be recorded in the Data Object Broker log.**Action:** No action is required.**S6BUA042I****Service trace for user %:% disabled****Source:** DOB Application Tasks**Explanation:** You requested that all service messages to the Data Object Broker on behalf of the specified user no longer be recorded in the Data Object Broker log.**Action:** No action is required.

S6BUA043E

Service trace for user %s cannot be enabled/disabled; userid not connected or ambiguous

Source: DOB Application Tasks

Explanation: You requested that messages to the Data Object Broker be recorded or stopped from being recorded. This cannot be done because the userid in the command is incorrect.

Action: Submit the command with a correct userid.

S6BUA047I

Server commit failure detected, transaction aborted

Source: DOB Application Tasks

Explanation: An acquired service provider was unable to commit the requested updates and the transaction was subsequently aborted.

Action: Retry the application.

S6BUA054I

In-doubt resolved, TDS commit issued

Source: DOB Application Tasks

Explanation: An outstanding in-doubt transaction has been resolved and the pending TDS updates have been submitted for processing.

Action: No action required.

S6BUA055I

In-doubt resolved, TDS request aborted

Source: DOB Application Tasks

Explanation: An outstanding in doubt transaction has been resolved and the pending TDS updates have been rejected.

Action: No action required.

S6BUA057I

TDS request failed, transaction held in doubt

Source: DOB Application Tasks

Explanation: Local TDS processing has failed and the transaction will be held in doubt until such time as the TDS updates can be committed.

Action: No action required.

S6BUA060E

Group sync failed - updated server lost

Source: DOB Application Tasks

Explanation: An updated service provider was lost during the commit phase. The transaction will be aborted.

Action: Retry the transaction.

S6BUA062E

Group sync failed - mixed commit protocols

Source: DOB Application Tasks

Explanation: A transaction involving multiple service providers was aborted due to incompatible Fail Safe level specifications.

Action: Redesign the application to conform to Fail Safe restrictions as outlined in the Backup and Recovery manual.

S6BUA070I

'%' logon from '%' rejected - MAXPEERUSERS exceeded

Source: DOB Application Tasks

Explanation: The peer tried to initiate too many inbound connections - the number of inbound connections defined for that peer in crparm table has been exceeded.

Action: Change crparm file on either side of connection - increase maxinbound on the PEER entry of the local crparm OR decrease outbound on the corresponding PEER entry of the Data Object Broker trying to connect.

S6BUA071I

'%' logon from '%' rejected - MAXDBMS exceeded

Source: DOB Application Tasks

Explanation: The logon command is rejected. The maximum number of external databases are already in use.

Action: Restart the Data Object Broker with an increased MAXDBMS parameter in the crparm file.

S6BUA072I

'%' logon from '%' rejected - MAXUSERS exceeded

Source: DOB Application Tasks

Explanation: You cannot log on because the maximum number of users are already logged on.

Action: Restart the Data Object Broker with an increased MAXUSERS parameter in the crparm file.

S6BUA073I

'%' logon form '%' rejected - peer servers exceed total inbound peer connections

Source: DOB Application Tasks

Explanation: Number of peer server that can connect is limited to the number of all possible inbound peer connections.

Action: Decrease the number of peer servers defined for the Execution Environment or increase the maximum number of inbound peer connections.

S6BUA074I

'%' logon from '%' rejected - MAXOPERATORS exceeded

Source: DOB Application Tasks

Explanation: Your logon request is rejected because the maximum number of operators is already logged on.

Action: Restart the Data Object Broker with an increased MAXOPERATORS parameter in the crparm file.

S6BUA075E

Invalid connection information detected

Source: DOB Application Tasks

Explanation: The connection to the Data Object Broker failed because of incorrect information in the connect message.

Action: Possible causes are a missing USERID parameter or an Object Service Broker ActiveX Adapter client, SDK (C/C++) client, or SDK (Java) client connecting directly to the Data Object Broker. Check whether the SDK (C/C++) client or the SDK (Java) client is using a Data Object Broker port instead of the osMon port.

UB: DOB File Tasks

S6BUB001E

Segment '%' undefined

Source: DOB File Tasks

Explanation: An attempt to access a segment failed because the segment is not defined in the database definition file, dbdef.

Action: If this error occurs during redo processing then the database definition has changed between time of failure and recovery. Restore the missing definition and restart the Data Object Broker.

S6BUB002I

Segment '%' now online

Source: DOB File Tasks

Explanation: The segment has successfully been brought online.

Action: No action required.

S6BUB003I

Segment '%' now offline

Source: DOB File Tasks

Explanation: The segment has successfully been brought offline.

Action: No action required.

S6BUB008W

Checkpoint recovery started

Source: DOB File Tasks

Explanation: The Data Object Broker terminated

S6BUB006E

Unable to complete checkpoint, page=% undefined

Source: DOB File Tasks

Explanation: A page in the checkpoint has a segment number that is undefined. This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUB007E

Unable to use journals, both are active

Source: DOB File Tasks

Explanation: At start up the Data Object Broker could not determine which journal was active last.

Action: If the Data Object Broker was previously shut down successfully then simply reformat both journals and the redolog. Otherwise, determine which journal was active last and format the other journal. If this fails, reformat both journals and the redolog.

abnormally during its last checkpoint. The checkpoint is being reapplied to the Pagestore to ensure database integrity.

Action: No action is required.

S6BUB009I

Checkpoint recovery successful, checkpoint=%

Source: DOB File Tasks

Explanation: Checkpoint recovery was successful, the next checkpoint number is shown.

Action: No action required.

S6BUB010E

Unable to continue, segment '%' required for system operation

Source: DOB File Tasks

Explanation: At start up the Data Object Broker was unable to bring segment 0 online. This segment contains the MetaStor and is essential for TIBCO(r) Object Service Broker operation.

Action: Look for previous error messages that may indicate the specific problem.

S6BUB011E

Checkpoint recovery failed

Source: DOB File Tasks

Explanation: At start up a problem occurred during checkpoint recovery and the Data Object Broker was not able to reapply the checkpoint to the Pagestore.

Action: Look for any previous error messages that may indicate the specific problem.

S6BUB012W

Dboffline request deferred till checkpoint %, segment ID=% in use

Source: DOB File Tasks

Explanation: A segment can be varied offline only after all the changes to the segment have been propagated, which should happen after the specified checkpoint ends.

Action: Wait until the specified checkpoint is done, or force it to start.

UC: DOB Communications

S6BUC001E

Inbound connection rejected, system resource shortage

Source: DOB Communications

Explanation: A connection was established to the Data Object Broker but it was not able to start a process to handle the connection. This problem indicates that there is a system memory shortage or an excess number of processes on the system.

Action: If this problem occurs regularly, the system administrator needs to address the resource shortage in terms of system load, system configuration, and machine capacity.

S6BUC002E

Unable to allocate % bytes from system heap

Source: DOB Communications

Explanation: The system has a temporary shortage of real memory.

Action: If this problem occurs regularly, the system administrator needs to address the resource shortage in terms of system load and machine capacity.

S6BUC013I

Connection(%) to '%' established

Source: DOB Communications

Explanation: An outbound connection to a peer Data Object Broker was established.

Action: No action required.

S6BUC014I

Connection(%) to '%' terminated

Source: DOB Communications

Explanation: An outbound connection to a peer Data Object Broker was terminated.

Action: No action required.

S6BUC016E

Peer user '%' failed to logon to node '%'

Source: DOB Communications

Explanation: You are trying to connect to a remote Data Object Broker and its name is not recognized in the crparm file, or the huron.dir file may have incorrect information regarding the node name of the remote Data Object Broker. If these are correct, the remote Data Object Broker may not have started yet.

Action: If necessary, correct either the huron.dir information for the local Data Object Broker, or the PEERS parameter information in the crparm file on the remote node.

S6BUC030E

Unable to read from environment initialization file '%'

Source: DOB Communications

Explanation: A file system error occurred while reading from the file.

Action: Verify that the file is a valid text file and that it has not been damaged in some way.

S6BUC031E

Line % of environment initialization file '%' exceeds % characters

Source: DOB Communications

Explanation: A line in the file was longer than the program expected.

Action: Edit the file and ensure that the lengths of all the lines in the file are within the limit stated.

S6BUC032E

Unable to add setting '%' to environment

Source: DOB Communications

Explanation: The hrncomt process, attempting to modify its own environment, was unable to do so. The likely cause of the failure is a shortage of real memory on the system, or an excess of existing environment variable settings.

Action: If the environment in which the hrncomt process is started has a large number of environment variables set, consider reducing the number of settings, if this is possible.

S6BUC033E

Unable to determine transport protocol, environment variable 'HRNCOMT' not set

Source: DOB Communications

Explanation: The hrncomt process depends on an environment variable HRNCOMT to indicate which transport protocol it is to listen on. For TCP/IP, this setting should be

HRNCOMT=TCPIP. This setting should be in the hrncomt environment initialization file called hrncomt.env, situated in the same directory as the hrncomt binary.

Action: Ensure that hrncomt environment initialization file sets the HRNCOMT environment variable.

S6BUC034E

Invalid value '%' assigned to environment variable 'HRNCOMT'

Source: DOB Communications

Explanation: The value assigned to the HRNCOMT environment variable was invalid. The value should be TCPIP. The problem is likely the setting of HRNCOMT in the hrncomt environment initialization file. This file is called hrncomt.env and it is located in the same directory as the hrncomt binary.

Action: Ensure that the hrncomt environment initialization file has the setting HRNCOMT=TCPIP.

S6BUC035E

Unable to open environment initialization file '%'

Source: DOB Communications

Explanation: A file system error occurred while attempting to open the file.

Action: Ensure that the file exists and that its access permissions enable the Data Object Broker to read it.

UL: Data Object Broker (DOB)

S6BUL001E

Invalid file/path name, longer than % characters

Source: Data Object Broker (DOB)

Explanation: A path name, supplied as an argument for a command line option, is longer than the expected maximum length.

Action: Verify that the path name is correct.

S6BUL002E

Invalid parameter override, longer than % characters

Source: Data Object Broker (DOB)

Explanation: The length of a parameter override string exceeds the maximum length expected.

Action: Use abbreviated parameter names to shorten the length of the command line parameter override.

S6BUL003E

Invalid option '%'

Source: Data Object Broker (DOB)

Explanation: An option encountered on the command line was not of the form -X, where X is a single character. The user may have attempted to combine options (not supported) or may have omitted the white space between the option and the option argument.

Action: Using the explanation as a guide, enter the option correctly.

S6BUL004E

Unrecognized option '%'

Source: Data Object Broker (DOB)

Explanation: The option specified is not supported by this command.

Action: Verify the command syntax.

S6BUL005E

Missing argument for command line option '%'

Source: Data Object Broker (DOB)

Explanation: The option specified on the command line expects an argument to follow. The expected argument was missing from the command line.

Action: Verify the command syntax.

S6BUL006E

Too many command line arguments

Source: Data Object Broker (DOB)

Explanation: The user has specified more arguments on the command line than were expected.

Action: Verify the command syntax.

S6BUL007E

Unrecognized keyword '%'

Source: Data Object Broker (DOB)

Explanation: While scanning a configuration file or a command line argument, an invalid keyword was encountered. A subsequent message may identify where the problem occurred.

Action: Verify the configuration file or command syntax.

S6BUL008I

% dump created in file %

Source: Data Object Broker (DOB)

Explanation: A dump has been created in the file named.

Action: No action is required.

S6BUL009E

Unable to write to file <filename>

Source: Data Object Broker (DOB)

Explanation: The device is either full or otherwise unavailable.

Action: The system administrator should first check the status of the file and of the file system. If the problem recurs, contact Support.

S6BUL010E

Invalid parameter value for '%', range for integer is % to %

Source: Data Object Broker (DOB)

Explanation: While scanning a configuration file or a command line parameter override, an integer value was encountered that was out of the expected range for that value. A subsequent message should identify where the problem occurred.

Action: Correct the value so that it falls within the expected range.

S6BUL011E

Invalid parameter value for '%', must be % to % characters in length

Source: Data Object Broker (DOB)

Explanation: While scanning a configuration file or a command line parameter override, a parameter value was encountered that was shorter or longer than expected. A subsequent message should identify where the problem occurred.

Action: Correct the parameter value so that its length falls within the expected range.

S6BUL012E

Invalid parameter override

Source: Data Object Broker (DOB)

Explanation: A problem was encountered while scanning a command line parameter override. A previous message should have identified the specific problem.

Action: Review the previous messages to determine the appropriate actions to take.

S6BUL013E**Unable to open file '%'****Source:** Data Object Broker (DOB)**Explanation:** A file system error occurred while attempting to open the file.**Action:** Ensure that the file exists and that its access permissions enable it to be read.**S6BUL014E****Unable to read from file '%'****Source:** Data Object Broker (DOB)**Explanation:** A file system error occurred while reading from the file.**Action:** Verify that file is a valid text file and that it has not been damaged somehow.**S6BUL015E****Line % of file '% ' exceeds % characters****Source:** Data Object Broker (DOB)**Explanation:** A line in the file was longer than the expected maximum length.**Action:** Edit the file to ensure that the lengths of all the lines are within the limit specified.**S6BUL016E****Invalid parameter assignment, line % of file '%'****Source:** Data Object Broker (DOB)**Explanation:** An error was encountered while scanning the file. A previous message should indicate the specific problem.**Action:** Edit the file to correct the specific problem.**S6BUL017E****Unable to close file '%'****Source:** Data Object Broker (DOB)**Explanation:** A file system error occurred while closing the file.**Action:** No action required.**S6BUL018E****Unable to determine path from environment variable 'HURON' or '-h' option****Source:** Data Object Broker (DOB)**Explanation:** The HURON environment variable has not been set and no override was supplied on the command line.**Action:** Ensure that the HURON environment variable is properly set, or indicate the installation path on the command line with the -h option.**S6BUL019E****Unable to update file header of file '%'****Source:** Data Object Broker (DOB)**Explanation:** During the format of a page file, control information was written to the file but it cannot be read or it cannot be verified.**Action:** A previous error may indicate a more specific problem. Otherwise this error would seem to indicate an I/O error on the disk.

S6BUL020E**Unable to verify file header of file '%'****Source:** Data Object Broker (DOB)**Explanation:** Upon opening a page file, the control information was unable to be read or unable to be verified. A previous message should indicate a more specific problem.**Action:** Review previous messages to determine the appropriate actions to take.**S6BUL027E****Unable to allocate % bytes from system heap****Source:** Data Object Broker (DOB)**Explanation:** The system has a temporary shortage of real memory.**Action:** If this problem occurs regularly, the system administrator needs to address the resource shortage in terms of system load, system configuration, and machine capacity.**S6BUL028E****Unable to lock journal %, online or in use****Source:** Data Object Broker (DOB)**Explanation:** An attempt to lock a journal for formatting failed because the journal is already in use by the Data Object Broker or by another Object Service Broker utility.**Action:** If the Data Object Broker is running it should be stopped to format either journal. If the journal is being used by another Object Service Broker utility then you must wait for the utility to finish.**S6BUL029E****Unable to use journal %, control information unreadable****Source:** Data Object Broker (DOB)**Explanation:** An attempt to open a journal failed because control information at the beginning of the journal is not valid. This is likely due to a loss of data on the disk.**Action:** Refer to the Object Service Broker Backup and Recovery for Windows and Solaris manual.**S6BUL030E****Unable to open journal %, online or in use****Source:** Data Object Broker (DOB)**Explanation:** An attempt to open a journal failed because the journal is already in use by the Data Object Broker or by an Object Service Broker utility.**Action:** If the Data Object Broker is running then the journal cannot be used until the Data Object Broker shuts down or a journal spin occurs. If the journal is being used by an Object Service Broker utility then you must wait for the utility to finish before starting the Data Object Broker or running another utility.**S6BUL031E****Unable to use journal %, page file unformatted****Source:** Data Object Broker (DOB)**Explanation:** An attempt to open a journal failed because the journal has not been formatted.**Action:** Format the journal.

S6BUL032E**No free buffers in page or CTABLE handle pool****Source:** Data Object Broker (DOB)**Explanation:** The Resident Page/CTABLE Manager has run out of handles for pages/CTABLEs. This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL033W****No free buffers in resident page pool****Source:** Data Object Broker (DOB)**Explanation:** The Resident Page Manager has temporarily run out of buffers for pages. This is likely due to a burst of update activity that consumed buffers faster than they could be written to disk, or a transaction that attempted to update more buffers than the Resident Page Manager contained.**Action:** Consider increasing the value for the RESIDENTPAGES Data Object Broker parameter. Consult the Backup and Recovery manual.**S6BUL034E****Unable to begin checkpoint, previous checkpoint in progress****Source:** Data Object Broker (DOB)**Explanation:** An internal Data Object Broker request to start a new checkpoint has failed because a checkpoint is already in progress. This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL035E****Unable to create semaphore, IPC key=%, num=%, perm=%****Source:** Data Object Broker (DOB)**Explanation:** An attempt to create a semaphore failed. The specific reason for the failure is indicated by the error number value that should be part of this message.

The most likely causes of failure are either a shortage of defined semaphores, or an IPC key conflict with another application.

Action: The system administrator may be needed to help understand and fix the problem. A shortage of defined semaphores will require updates to the Solaris kernel configuration. A conflict with another application may require that a new IPC key be chosen for this Data Object Broker and the HCS configuration file updated.

S6BUL036E

Unable to remove conflicting semaphore, IPC key=%

Source: Data Object Broker (DOB)

Explanation: An attempt to remove a conflicting but unused semaphore has failed. The specific reason for the failure is indicated by the errno value that should be part of the message. A likely cause of the problem is that the semaphore in question was created by a different userid.

Action: The system administrator may be needed to help understand and fix the problem. To remove a semaphore manually the ipcrm command can be used, assuming the user has the authority to do so.

S6BUL037E

Unable to remove semaphore, IPC key=%

Source: Data Object Broker (DOB)

Explanation: An attempt to remove a semaphore has failed. The specific reason for the failure is indicated by the errno value that should be part of this message.

Action: The system administrator may be needed to help understand and fix the problem. To remove a semaphore manually the ipcrm command can be used, assuming the user has the authority to do so.

S6BUL039E

Unable to create shared memory, IPC key=%, size=%, perm=%

Source: Data Object Broker (DOB)

Explanation: An attempt to create shared memory has failed. The specific reason for the failure is indicated by the errno value that should be part of this message. The most

likely causes of failure are either a shortage of defined shared memory, a size that exceeds system configured limits, or an IPC key conflict with another application.

Action: The system administrator may be needed to help understand and fix the problem. A shortage of defined shared memory or a size problem will require updates to the kernel configuration.

A conflict with another application may require that a new IPC key be chosen for this Data Object Broker and the HCS configuration file updated.

S6BUL040E

Unable to remove conflicting shared memory, IPC key=%

Source: Data Object Broker (DOB)

Explanation: An attempt to remove conflicting but unused shared memory has failed. The specific reason for the failure is indicated by the errno value that should be part of the message. A likely cause of the problem is that the shared memory in question was created by a different userid.

Action: The system administrator may be needed to help understand and fix the problem. To remove shared memory manually the ipcrm command can be used, assuming the user has the authority to do so.

S6BUL041E

Unable to attach shared memory, IPC key=%, address=%, flags=%

Source: Data Object Broker (DOB)

Explanation: An attempt to attach shared memory has failed. The specific reason for the failure is indicated by the errno value that should be part of the message. The likely

causes of the problem are either an invalid value for the Data Object Broker parameter SHAREDMEMADDR, or two Data Object Brokers on the same system that are peers and that have the same value for SHAREDMEMADDR.

Action: The system administrator may be needed to help understand and fix the problem. If the problem is due to an invalid SHAREDMEMADDR value, consult the Installation and Operations manual.

Normally the default for SHAREDMEMADDR works on any system. If the problem is related to peer Data Object Brokers on the same system, change the SHAREDMEMADDR parameter for one of the Data Object Brokers.

Add a multiple of SHAREDALIGN to generate a new SHAREDMEMADDR value.

S6BUL042E

Unable to perform semaphore operation, id=%

Source: Data Object Broker (DOB)

Explanation: An attempt to use a semaphore has failed. The specific reason for the failure is indicated by the errno value that should be part of the message. A likely cause of the problem is a shortage of defined semaphore undo structures in the system.

Action: The system administrator may be needed to help understand and fix the problem. A shortage of defined semaphore undo structures will require updates to the kernel configuration. Otherwise the message may indicate a Data Object Broker internal problem. Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL044E

Unable to get shared memory, IPC key=%

Source: Data Object Broker (DOB)

Explanation: An attempt to get shared memory has failed. The specific reason for the failure is indicated by the errno value that should be part of the message.

Action: The system administrator may be needed to help understand and fix the problem.

S6BUL045E

Unable to attach shared memory, unrecognized header, IPC key=%

Source: Data Object Broker (DOB)

Explanation: Shared memory was attached but it was not identifiable as Object Service Broker shared memory. This problem may indicate an IPC key conflict with another application.

Action: The system administrator may be needed to help understand and fix the problem. If the problem is due to an IPC key conflict a new IPC key must be chosen for this Data Object Broker and the HCS configuration file updated.

S6BUL046E

Unable to query shared memory, IPC key=%

Source: Data Object Broker (DOB)

Explanation: The specific reason for the failure is indicated by the errno value that should be part of the message.

Action: The system administrator may be needed to help understand and fix the problem.

S6BUL047E

Unable to remove conflicting shared memory, in use by other processes, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A shared memory remnant cannot be removed because one or more processes are still attached to it. This may indicate an IPC key conflict with another application. The most likely explanation, however, is that the Data Object Broker had been killed or had abended without the opportunity to clean up.

Action: Use the command "hrncr kill" to force a clean up of all Data Object Broker processes and shared resources. If the same problem occurs, use the ipcrm command to remove the conflicting shared memory manually.

S6BUL048E

File is formatted for % data

Source: Data Object Broker (DOB)

Explanation: You are trying to use an Object Service Broker file formatted for one type of Object Service Broker data as the type of Object Service Broker data specified in the message (e.g., a Journal file is being accessed as if it were a page file of the segment).

Action: Adjust your links accordingly.

S6BUL049E

Unable to detach shared memory, IPC key=%

Source: Data Object Broker (DOB)

Explanation: An attempt to detach shared memory has failed. The specific reason for the failure is indicated by the errno value that should be part of the message.

Action: The system administrator may be needed to help understand and fix the problem. Otherwise contact TIBCO Support.

S6BUL050E

Unable to remove shared memory, IPC key=%

Source: Data Object Broker (DOB)

Explanation: An attempt to detach shared memory has failed. The specific reason for the failure is indicated by the errno value that should be part of the message.

Action: The system administrator may be needed to help understand and fix the problem. Otherwise contact TIBCO Support.

S6BUL051E

Unable to initialize page manager, check parameters 'RESAGE' and 'RESIDENTPAGES'

Source: Data Object Broker (DOB)

Explanation: The Resident Page Manager failed to initialize. The most likely problem is invalid values for the parameters mentioned. RESIDENTPAGES must be at least 3. RESAGE must not be greater than RESIDENTPAGES.

Action: Verify the parameter settings in the Data Object Broker parameter file. Adjust the values if necessary. If the parameter values are valid and the problem persists, contact TIBCO Support.

S6BUL052E

Unable to initialize CTABLE manager, check parameters 'CTABLESIZE', 'CTABAGE', and 'CTABRESIDENT'

Source: Data Object Broker (DOB)

Explanation: The Resident CTABLE Manager failed to initialize. The most likely problem is invalid values for the parameters mentioned. CTABRESIDENT must be at least 3. CTABAGE must not be greater than CTABRESIDENT. CTABLESIZE must be a multiple of 4.

Action: Verify the parameter settings in the Data Object Broker parameter file. Adjust the values if necessary. If the parameter values are valid and the problem persists, contact TIBCO Support.

S6BUL053E

'%' required in database definition

Source: Data Object Broker (DOB)

Explanation: An entry in the dbdef file is missing a required attribute like NAME or TYPE. A subsequent message should identify where the problem occurred.

Action: Correct the invalid entry in the dbdef file.

S6BUL054W

'%' is only valid on a segment definition, ignored

Source: Data Object Broker (DOB)

Explanation: An entry in the dbdef file for the redolog or a journal contained an unnecessary attribute.

Action: Change the dbdef attribute.

S6BUL055E

Invalid database definition in line % of file '%'

Source: Data Object Broker (DOB)

Explanation: Identifies the line at which an invalid entry was detected. A previous message should indicate the specific problem encountered.

Action: Correct the invalid entry in the dbdef file.

S6BUL056W

Maximum number of database definitions read (%) at line % of file '%'

Source: Data Object Broker (DOB)

Explanation: The dbdef file contains more than 260 entries. Since there can be 256 segments defined, a contingency log, a redo log, and two journals, there can be no more than 260 definitions in the dbdef file.

Action: Remove any extra or duplicate entries in the dbdef file.

S6BUL057E

Duplicate name '%' in database definitions

Source: Data Object Broker (DOB)

Explanation: Two of the entries in the dbdef file have the same NAME attribute.

Action: Ensure that each entry in the dbdef file has a unique NAME attribute.

S6BUL058E**Duplicate id '%' in database definitions****Source:** Data Object Broker (DOB)**Explanation:** Two of the segments defined in the dbdef file have the same ID attribute. If an ID is not explicitly assigned then it defaults to 0.**Action:** Ensure that each segment defined in the dbdef file has a unique ID attribute and that only the MetaStor segment has ID 0.**S6BUL059E****Duplicate database definitions, more than one %****Source:** Data Object Broker (DOB)**Explanation:** More than one redolog, contingency log, or set of journals has been defined in the dbdef file.**Action:** Remove the duplicate definition.**S6BUL060E****Database definition missing for %****Source:** Data Object Broker (DOB)**Explanation:** A required database definition is missing in the dbdef file.**Action:** Add the required definition to the dbdef file.**S6BUL061E****Segment '%' must be of type 'TDS'****Source:** Data Object Broker (DOB)**Explanation:** The segment must be defined as TYPE=PAGE.**Action:** Change the TYPE attribute of the database definition to PAGE.**S6BUL062E****Segment '%' must be defined with 'init=yes'****Source:** Data Object Broker (DOB)**Explanation:** The segment must be defined with INIT=YES.**Action:** Change the INIT attribute of the database definition to YES.**S6BUL065E****Segment '%' undefined****Source:** Data Object Broker (DOB)**Explanation:** The segment is not defined in the dbdef file. If the dbdef file has been changed while the Data Object Broker is running, it must be restarted before the changes take effect.**Action:** Define the segment in the dbdef file.**S6BUL067E****Segment '%' undefined****Source:** Data Object Broker (DOB)**Explanation:** The segment is not defined in the dbdef file. If the dbdef file has been changed while the Data Object Broker is running, it must be restarted before the changes take effect.**Action:** Define the segment in the dbdef file.

S6BUL068E

Unable to vary segment '%' offline, segment required for system operation

Source: Data Object Broker (DOB)

Explanation: A request was made to vary segment 0 offline. Segment 0 is required to be online at all times while the Data Object Broker is running.

Action: Do not vary segment 0 offline.

S6BUL069E

Unable to lock redo log, online or in use

Source: Data Object Broker (DOB)

Explanation: An attempt to lock the redolog for formatting failed because the redolog is already in use by the Data Object Broker or by another Object Service Broker utility.

Action: If the Data Object Broker is running it should be stopped to format the redolog. If the redolog is being used by another Object Service Broker utility then you must wait for the utility to finish.

S6BUL070E

Unable to use redo log, cannot determine last checkpoint

Source: Data Object Broker (DOB)

Explanation: The redolog contains an invalid checkpoint sequence and the Data Object Broker cannot determine the last valid commit. This is likely due to a loss of data on the disk.

Action: Consult the Backup and Recovery manual.

S6BUL071E

Unable to use redo log, required page unreadable

Source: Data Object Broker (DOB)

Explanation: The redolog cannot be read due to a loss of data on the disk.

Action: Consult the Backup and Recovery manual.

S6BUL072E

Unable to open redo log, online or in use

Source: Data Object Broker (DOB)

Explanation: An attempt to open the redolog failed because the redolog is already in use by the Data Object Broker or by an Object Service Broker utility.

Action: If the Data Object Broker is running then the redolog cannot be used until the Data Object Broker shuts down. If the redolog is being used by an Object Service Broker utility then you must wait for the utility to finish before starting the Data Object Broker or running another utility.

S6BUL073E

Unable to use redo log, page file unformatted

Source: Data Object Broker (DOB)

Explanation: An attempt to open the redolog failed because the redolog has not been formatted.

Action: Format the redolog.

S6BUL074E

Unable to read redo log, inconsistent page header info

Source: Data Object Broker (DOB)

Explanation: The redolog contains at one or more pages with invalid data and the Data Object Broker cannot determine the last valid commit. This is likely due to a loss of data on the disk.

Action: Consult the Backup and Recovery manual.

S6BUL075E

Unable to read redo log, message size exceeds % pages

Source: Data Object Broker (DOB)

Explanation: The redolog contains a committed transaction that exceeds the maximum configured message size.

Action: Adjust the MSGSIZE parameter in the crparm file. Normally this value should be 32 (for 32 KB).

S6BUL076E

Unable to read redo log, message size exceeds % bytes

Source: Data Object Broker (DOB)

Explanation: The redolog contains a committed transaction that exceeds the maximum configured message size.

Action: Adjust the MSGSIZE parameter in the crparm file. Normally this value should be 32 (for 32 KB).

S6BUL077E

Unable to write to redo log, message size exceeds % bytes

Source: Data Object Broker (DOB)

Explanation: An attempt to write a transaction to the redolog has failed. The size of the transaction message exceeds the maximum configured message size.

Action: Adjust the MSGSIZE parameter in the crparm file. Normally this value should be 32 (for 32 KB).

S6BUL078E

No free space available in redo log

Source: Data Object Broker (DOB)

Explanation: An attempt to write a transaction to the redolog has failed. There is insufficient space in the redolog to write the transaction.

Action: Expand the redolog allocation.

S6BUL079E

Unable to confirm checkpoint % in redo log, out of sequence

Source: Data Object Broker (DOB)

Explanation: An attempt to release transactions in the redolog has failed. If this problem occurs during start up then it likely indicates that the journals and the redolog are out of

sync, i.e., the journals were formatted but not the redolog. If this problem occurs after the Data Object Broker is online then it indicates an internal logic error.

Action: If the problem is due to a journal/redolog mismatch then format the redolog using the hrntlfrl utility. Otherwise contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL080E

Unable to open segment '%', online or in use

Source: Data Object Broker (DOB)

Explanation: An attempt to open a segment failed because the segment is already in use by the Data Object Broker or by an Object Service Broker utility.

Action: If the Data Object Broker is running then the segment cannot be used until the Data Object Broker shuts down. If the segment is being used by an Object Service Broker utility then you must wait for the utility to finish before starting the Data Object Broker or running another utility.

S6BUL081E

Unable to open file % of segment '%'

Source: Data Object Broker (DOB)

Explanation: An attempt to open a segment page file failed. A previous message should indicate the specific problem encountered.

Action: Review previous messages to determine the appropriate actions to take.

S6BUL082E

Unable to close segment '%', offline or in use

Source: Data Object Broker (DOB)

Explanation: The segment identified cannot be closed.

Action: Reenter the command when the segment becomes available.

S6BUL083E

Unable to close file % of segment '%'

Source: Data Object Broker (DOB)

Explanation: A problem occurred while attempting to close a page file in a segment. A previous message may indicate a more specific problem.

Action: No action required. If there are other related messages there may be actions indicated for these messages.

S6BUL084E

Unable to lock segment '%', online or in use

Source: Data Object Broker (DOB)

Explanation: An attempt to lock a segment page file for formatting failed because the page file is already in use by the Data Object Broker or by another Object Service Broker utility.

Action: If the Data Object Broker is running it should be stopped to format the page file. If the page file is being used by another Object Service Broker utility then you must wait for the utility to finish.

S6BUL085E

Unable to access segment '%', offline or in use

Source: Data Object Broker (DOB)

Explanation: The segment identified cannot presently be accessed.

Action: Try again at a later time.

S6BUL086E

Unable to get/put undefined page, page=%

Source: Data Object Broker (DOB)

Explanation: An attempt to access a page in a segment failed. The page number is larger than the number of pages in the page file.

Action: The problem may be caused by a request from a user (using either hrntladm or @PAGE) to see a page that is undefined, in which case it can be ignored. Otherwise the message may indicate a Data Object Broker internal problem. Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL087E

Invalid to get/put control page, page=%

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL088E

Unable to get unallocated page, page=%

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL089E

No free pages available in segment '%'

Source: Data Object Broker (DOB)

Explanation: An attempt to allocate a new page in a segment failed. The segment is completely full.

Action: The solution to this problem is to expand the size of the segment, either by adding additional page files, or expanding the existing page files. If this problem resulted from defining or adding data to a table, you may consider defining or moving the table to another segment that has sufficient space. Otherwise, refer to the Application Administration manual.

S6BUL090E

**Unable to complete checkpoint, segment '%'
offline or in use**

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL091E

Unable to complete checkpoint, page=% undefined

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL093I

Abort, msgid=%, retcode=%

Source: Data Object Broker (DOB)

Action: Review the previous messages in the Data Object Broker log to determine the appropriate actions to take.

S6BUL095E

No free buffers in working set pool

Source: Data Object Broker (DOB)

Explanation: TDS used all the available working set buffers while processing a request.

Action: Increase the value for the WORKINGSET parameter in the crparm file.

S6BUL097E

Attempt to free buffer not in working set

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL098E

Unable to allocate % bytes from session heap

Source: Data Object Broker (DOB)

Explanation: TDS used all its available heap while processing a request.

Action: Increase the value for the HEAPSIZ parameter in the crparm file.

S6BUL100E

Unable to build CTABLE, name='%'

Source: Data Object Broker (DOB)

Explanation: An error occurred during the construction of a CTABLE. A previous error message may indicate the specific problem. This error may indicate that certain critical tables have inconsistent or invalid data in them.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL101E

Unable to get CTABLE, name='%'

Source: Data Object Broker (DOB)

Explanation: An error occurred during the construction of a CTABLE. A previous error message may indicate the specific problem. This error may indicate that certain critical tables have inconsistent or invalid data in them.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL103E

Unable to invalidate CTABLE during phase 1, name='%'

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL105E

Unable to get free page during phase 1, segment=%

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL108E

Unable to hold page during phase 1, page=%

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL109E

Unable to get page, page=%

Source: Data Object Broker (DOB)

Explanation: A request to read a page from a page file has failed.

Action: Look for any previous error messages that may indicate the specific problem.

S6BUL111E

Unable to hold page (deadlock avoidance), page=%

Source: Data Object Broker (DOB)

Explanation: Three or more transactions, proceeding in parallel, have shown signs of possible deadlock over physical page contention. During sync processing a transaction which holds pages that other transactions are waiting for, may not itself wait for pages. The transaction that fails is automatically retried once. If deadlock avoidance fails the transaction a second time then it is aborted. This problem should rarely occur under normal circumstances.

Action: If this message is seen frequently in the Data Object Broker log, it may require a change in one or more of the applications that may be running. Even an application with hot spots should experience this problem only while processing a high volume of transactions.

S6BUL113E**Attempt to put/free page not in working set****Source:** Data Object Broker (DOB)**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL114E****Unable to put/free page, inconsistent header information****Source:** Data Object Broker (DOB)**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL115E****Unable to put/free page not held, page=%****Source:** Data Object Broker (DOB)**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL118E****Unable to perform commit during phase 1****Source:** Data Object Broker (DOB)**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL119E****Unable to write to redo log****Source:** Data Object Broker (DOB)**Explanation:** A commit request could not be written to the redolog.**Action:** Look for any previous error messages that may indicate the specific problem.**S6BUL120I****Commit, id=%****Source:** Data Object Broker (DOB)**Explanation:** Indicates that a transaction has been committed. The tracing of commits is controlled by the parameter SYNCTRACE in the Data Object Broker parameter file.**Action:** No action required.**S6BUL121I****Commit (intermediate)****Source:** Data Object Broker (DOB)**Explanation:** Indicates that part of a transaction has committed. The tracing of commits is controlled by the SYNCTRACE parameter in the Data Object Broker parameter file.**Action:** No action required.

S6BUL122E

Unable to use Data Object Broker shared memory, abend or invalid state detected

Source: Data Object Broker (DOB)

Explanation: A Data Object Broker process has attached to a running Data Object Broker, but the state of the Data Object Broker indicates that it is abending or is invalid.

This message may simply indicate that a Data Object Broker process attempted to start up just as the Data Object Broker had failed. If the Data Object Broker is running and this problem occurs, the Data Object Broker may be "hung" while trying to stop or abend.

Action: Use the command "hrnrcr kill" to ensure that all Data Object Broker processes are stopped and that all shared resources are cleaned up.

If the problem persists, contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL123E

Unable to initialize IPC resources, node '%' is not local or has no defined IPC key

Source: Data Object Broker (DOB)

Explanation: The entry for this Data Object Broker in the HCS configuration file may be missing the IPCKEY or HOST attributes, and/or the host name specified may be wrong.

Action: Check that the NODENAME parameter in the crparm file is correct. If it is correct then verify that the NODE definition in the HCS configuration file (huron.dir) has valid IPCKEY and HOST attributes. The host name must be the host on which you are

attempting to start the Data Object Broker or utility. NOTE: verify that the proper punctuation is in place, such as delimiting commas.

S6BUL126E

Invalid Fail Safe level, must be 0, 1, or 2

Source: Data Object Broker (DOB)

Explanation: The Fail Safe level specified in a PEERS parameter is invalid.

Action: Ensure that the Fail Safe level is 0, 1, or 2.

S6BUL127E

Invalid value for '%'

Source: Data Object Broker (DOB)

Explanation: A parameter assignment or operator command contained an invalid value.

Action: Verify the parameter or command syntax.

S6BUL128E

Syntax error near '%'

Source: Data Object Broker (DOB)

Explanation: A syntax error was detected while parsing a parameter assignment or operator command. The last valid token is included in the message to help identify the location of the problem. If the syntax error is in a file then a subsequent message should indicate which file and what line number.

Action: Verify the parameter or command syntax.

S6BUL129E**Syntax error '%', expecting %****Source:** Data Object Broker (DOB)**Explanation:** A syntax error was detected while parsing a parameter assignment or operator command. The offending token is included in the message along with a description of what was expected. If the syntax error is in a file then a subsequent message should indicate which file and what line number.**Action:** Verify the parameter or command syntax.**S6BUL130E****Syntax error, unexpected end of line****Source:** Data Object Broker (DOB)**Explanation:** A syntax error was detected while parsing a parameter assignment or operator command. The line ended while the parameter assignment or operator command was incomplete. If the syntax error is in a file then a subsequent message should indicate which file and what line number.**Action:** Verify the parameter or command syntax.**S6BUL131E****Syntax error, % exceeds % characters in length****Source:** Data Object Broker (DOB)**Explanation:** A syntax error was detected while parsing a parameter assignment or operator command. A string value was longer than the maximum allowed length. If the syntax error is in a file then a subsequent message should indicate which file and what line number.**Action:** Verify the parameter or command syntax.**S6BUL132E****Unable to add peer to table, maximum of % peers exceeded****Source:** Data Object Broker (DOB)**Explanation:** The maximum number of peers have been configured and an additional PEERS parameter is not accepted.**Action:** Ensure that only the allowed maximum number of peers are configured.**S6BUL133E****Error: %, function unsupported in batch environment****Source:** Data Object Broker (DOB)**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL134E****Unable to open % file '%', file was formatted as '%'****Source:** Data Object Broker (DOB)**Explanation:** An attempt to open one of the database files failed because the file was moved or an invalid link was created. Object Service Broker database files cannot be moved to different locations in the file system. Once they have been formatted with a certain name, they can only be used under that name.

This feature protects against possible integrity problems.

Action: If the file was moved, it must be moved back to its original location. If it is necessary to move a segment, the segment must be backed up then restored to its new location.

S6BUL136E

Number of connections specified for peer exceeds %

Source: Data Object Broker (DOB)

Explanation: The number of connections specified in a PEERS parameter exceeds the maximum number of connection allowable to one peer.

Action: Ensure that the number of connections is no more than the maximum stated value.

S6BUL137E

No free buffers in wait list pool

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL138E

No free buffers in holding process list pool

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL139E

Syntax error, byte in IP address '%' exceeds 255

Source: Data Object Broker (DOB)

Explanation: The value provided exceeds the limit.

Action: Provide a valid value.

S6BUL140E

User '%' is not authorized to %, must be %

Source: Data Object Broker (DOB)

Explanation: The user is not allowed to perform the stated action based on his or her security level. The security level of the user is established by the parameters SYSADMIN, OPERATOR, and PRIVILEGED. By default a user is given a security level of general Object Service Broker user.

Action: Either the action must be performed while logged on with an authorized userid, or the Object Service Broker System Administrator may need to update the security parameters mentioned above.

S6BUL141E

User '%' is not authorized to access Data Object Broker configuration files

Source: Data Object Broker (DOB)

Explanation: The user does not have permission to read the Data Object Broker parameter file. Any user that performs Object Service Broker administration or uses Object Service Broker utilities must have read access to the crparm file, the dbdef file, and the HCS configuration file.

Action: Ensure that the userid and group ownerships for the various Data Object Broker configuration files are correct and that the permissions allow read access to the necessary userids. Ensure that the user in question has the necessary group membership to access Object Service Broker.

S6BUL142E

User '%' is not authorized to access Data Object Broker IPC resources

Source: Data Object Broker (DOB)

Explanation: The user does not have permission to attach the Data Object Broker shared memory. Any user that performs Object Service Broker administration or uses Object Service Broker utilities must have permission to access to the Data Object Broker shared memory.

Action: Ensure that the SHAREDMEMPERM parameter in the crparm file allows read/write access to the necessary userids. Ensure that the user in question has the necessary group membership to access Object Service Broker.

S6BUL143E

User id is invalid

Source: Data Object Broker (DOB)

Explanation: The userid supplied is greater than 8 characters.

Action: Respecify with a userid of 8 characters or less.

S6BUL144E

End-of-transaction was initiated with held pages in the working set

Source: Data Object Broker (DOB)

Explanation: An internal error has occurred. NAM is notifying the Data Object Broker that it has completed commit processing but there are still held pages in the working set.

Action: This error is fatal and indicates a serious programming error. Development should be notified immediately.

S6BUL150E

Unable to connect via IPC, Data Object Broker is offline, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A connection could not be established to a Data Object Broker because it is not online.

Action: If the Data Object Broker is known to be online when this problem occurs, verify that the IPC key used by the Data Object Broker is the one that was used to attempt the connection (using the ipcs command). Ensure that the HURONDIR environment variable is properly set.

S6BUL152E

Unable to connect via IPC, no free buffers in port pool, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A connection could not be established to a Data Object Broker because the maximum number of IPC connections has already been reached. The maximum number of connections allowed via IPC is based mainly on the Data Object Broker parameter MAXUSERS.

Action: Increase the value of the MAXUSERS parameter in the crparm file.

S6BUL153E

Unable to connect via IPC, port is not available, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A connection could not be established to a Data Object Broker because the Data Object Broker is still initializing itself.

Action: Wait for the Data Object Broker to come online. Use the command "hrncr state" to determine when the Data Object Broker comes online.

S6BUL155E

Unable to listen on IPC, no free buffers in port pool, IPC key=%

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL157E

Unable to send message via IPC, no free buffers in message pool, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A message could not be sent via IPC due to a temporary shortage of message buffers. This problem should rarely occur under normal circumstances.

Action: If this problem occurs with any frequency then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL158E

Unable to send message, no free buffers in buffer pool, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A message could not be sent via IPC due to a temporary shortage of message buffers. This problem should rarely occur under normal circumstances.

Action: If it occurs with any frequency then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL159E

Unable to send message via IPC, port is not active, IPC key=%

Source: Data Object Broker (DOB)

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUL161E

Unable to communicate via IPC, Data Object Broker has gone offline, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A connection could not be established or a message could not be sent via IPC because the Data Object Broker has gone offline.

Action: Try again when the Data Object Broker is online.

S6BUL163W

Unable to send message via IPC to '%', process not active, IPC key=%

Source: Data Object Broker (DOB)

Explanation: A message could not be sent via IPC because the recipient of the message has terminated without closing its ports. The recipient likely terminated due to an explicit kill request from a user or administrator.

Action: No action required.

S6BUL170E

Unable to lock Contingency Log, online or in use

Source: Data Object Broker (DOB)

Explanation: An attempt to lock the contingency log for formatting failed because the contingency log is already in use by the Data Object Broker or by another Object Service Broker utility.

Action: If the Data Object Broker is running it should be stopped to format the contingency log. If the contingency log is being used by another Object Service Broker utility then you must wait for the utility to finish.

S6BUL171E

Unable to open Contingency Log, online or in use

Source: Data Object Broker (DOB)

Explanation: An attempt to open the contingency log failed because the contingency log is already in use by the Data Object Broker or by an Object Service Broker utility.

Action: If the Data Object Broker is running then the contingency log cannot be used until the Data Object Broker shuts down. If the contingency log is being used by an Object Service Broker utility then you must wait for the utility to finish before starting the Data Object Broker or running another utility.

S6BUL172E

Unable to use Contingency Log, page file unformatted

Source: Data Object Broker (DOB)

Explanation: An attempt to open the contingency log failed because the contingency log has not been formatted.

Action: Format the contingency log.

S6BUL173W

Unable to abort contingent transaction, slot % is empty

Source: Data Object Broker (DOB)

Explanation: A request to abort an in-doubt transaction specified a slot this is empty. The most likely cause of this problem is "stale" data on an administrator's display. The in-

doubt transaction may have been resolved automatically, aborted by a previous request not yet reflected on the display, or aborted by another administrator.

Action: Have the administrator refresh the data on the display.

S6BUL174W

Unable to abort contingent transaction in active/retry state, slot=%, transaction=%

Source: Data Object Broker (DOB)

Explanation: A request to abort an in-doubt transaction failed because the Data Object Broker is currently trying to resolve the transaction. This problem may be caused by "stale" data on an administrator's display.

Action: Have the administrator refresh the data on the display.

S6BUL175W

Unable to release contingent transaction in active/retry state, slot=%, transaction=%

Source: Data Object Broker (DOB)

Explanation: A request to release an in-doubt transaction failed because the Data Object Broker is currently trying to resolve the transaction. This problem is likely caused by peers and/or administrators resolving an in-doubt transaction simultaneously.

Action: Try again.

S6BUL176E

Unable to format Contingency Log with % slots, maximum of % exceeded

Source: Data Object Broker (DOB)

Explanation: The maximum number of slots you can specify in the Contingency Log is 65535.

Action: Specify a number of slots within the allowed range.

S6BUL177E

Insufficient number of pages to format a Contingency Log with % slots (3 pages are required for each slot)

Source: Data Object Broker (DOB)

Explanation: The number of pages you specified was too low.

Action: Specify the number of pages as at least three times the number of required slots.

S6BUL179E

Unable to read Contingency Log, invalid data in slot %

Source: Data Object Broker (DOB)

Explanation: An attempt to read a contingency log slot failed because the slot contained invalid data. This is likely due to a loss of data on the disk.

Action: Consult the Backup and Recovery manual.

S6BUL180E**No free space available in Contingency Log****Source:** Data Object Broker (DOB)**Explanation:** An attempt to begin a distributed Fail Safe transaction failed because there is no more room in the contingency log. This may be due to a lack of slots (each distributed Fail Safe transaction requiring one slot) or to a lack of space on which to store the transaction intent list. A lack of slots may be due to a build up of in-doubt transactions due to connection outages.**Action:** Either increase the number of slots in the contingency log or increase its overall size.**S6BUL181E****Unable to complete checkpoint in recovery, segment '%' online or recovery not in progress****Source:** Data Object Broker (DOB)**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL183E****Unable to find message queue port, segment id=%, file=%****Source:** Data Object Broker (DOB)**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUL184E****Unable to initialize access control, 'SYSADMIN' parameter is required****Source:** Data Object Broker (DOB)**Explanation:** A required parameter is missing.**Action:** Add the SYSADMIN parameter and retry.**S6BUL185E****Invalid or unknown userid '%' specified on '%' parameter****Source:** Data Object Broker (DOB)**Explanation:** The userid identified to the parameter named is not valid.**Action:** Ensure the userid is defined to the system and respecify the parameter.**S6BUL186E****Unable to become system administrator from root****Source:** Data Object Broker (DOB)**Explanation:** The command was started with root authority, but it was unable to change its userid to the Object Service Broker system administrator's userid. You may require help from the system administrator to resolve this problem.**Action:** Login as the Object Service Broker system administrator and retry the operation.

S6BUL187E

Unable to add userid to access control list, maximum of % userids exceeded

Source: Data Object Broker (DOB)

Explanation: The maximum number of authorized userids has already been configured. An attempt to define another authorized userid has failed.

Action: Reduce the number of authorized userids defined in the Data Object Broker configuration file or on the command line.

S6BUL189E

Unable to initialize access control, no more than one system administrator may be specified, check 'SYSADMIN' parameter(s)

Source: Data Object Broker (DOB)

Explanation: An attempt was made to initialize access control to more than one System Administrator at a time.

Action: No action required.

S6BUL190W

Space shortage in segment '%', xx% full

Source: Data Object Broker (DOB)

Explanation: Your segment is getting close to being full.

Action: Consider increasing the segment size.

S6BUL191I

Space shortage eased in segment '%', down to xx% full

Source: Data Object Broker (DOB)

Explanation: You have succeeded in increasing the amount of free space in your segment.

Action: No action is required.

S6BUL192E

Insufficient number of pages for Journal. Required minimum is nnnn

Source: Data Object Broker (DOB)

Explanation: The actual number of journal pages is less than the number of pages in the resident page manager, as defined by a parameter RESIDENTPAGES in the CRPARM file.

Action: Increase the number of actual pages in the journal or decrease the value in the RESIDENTPAGES parameter.

S6BUL193I

Shared memory size is nnnn Kbytes

Source: Data Object Broker (DOB)

Explanation: This value shows the amount of memory in the shared region of the DOB. Data Object Broker.

This value should be smaller than the amount of physical memory on the system in order to avoid thrashing. For systems with multiple Data Object Brokers, it is also used to determine what the value of the next SHAREDMEMADDR value should be.

Action: If your system is paging excessively, reduce the RESIDENTPAGES parameter.

S6BUL194E

Segment <segmentName> file <pagefileName> too big - check 'MAXTDSEXTENTS' parameter

Source: Data Object Broker (DOB)

Explanation: The size of the TDS file is limited by the number of TDS extents it can contain; this is a configurable value set by MAXTDSEXTENTS parameter in crparm file.

Action: Increase the value of the MAXTDSEXTENTS parameter.

S6BUL195E

Unable to create semaphore <semaphoreName>, error = <errorNo>

Source: Data Object Broker (DOB)

Explanation: Internal error - indicates Object Service Broker inability to use operations system facilities; error number is coming from system API.

Action: See your system administrator for help in fixing this problem, which may require updates to the kernel configuration. Contact TIBCO Support.

S6BUL196E

Unable to use semaphore <semaphoreName>, error = <errorNo>

Source: Data Object Broker (DOB)

Explanation: Internal error - indicates Object Service Broker inability to use operations system facilities; error number is coming from system API.

Action: See your system administrator for help in fixing this problem, which may require updates to the kernel configuration. Contact TIBCO Support.

S6BUL197E

Unable to create mutex <mutexName>, error = <errorNo>

Source: Data Object Broker (DOB)

Explanation: Internal error - indicates Object Service Broker inability to use operating system facilities; error number is coming from system API.

Action: See your system administrator for help in fixing this problem, which may require updates to the kernel configuration. Contact TIBCO Support.

S6BUL198E

Unable to use mutex <mutexName>, error = <errorNo>

Source: Data Object Broker (DOB)

Explanation: Internal error - indicates Object Service Broker inability to use operating system facilities; error number is coming from system API.

Action: See your system administrator for help in fixing this problem, which may require updates to the kernel configuration. Contact TIBCO Support.

S6BUL200E

Internal error: Bitmap access inconsistent

Source: Data Object Broker (DOB)

Explanation: This is an extreme error. Object Service Broker took this action to prevent a possible Pagestore corruption.

Action: Contact TIBCO Support.

S6BUL201E

Unable to flush page file %; % = %; %

Source: Data Object Broker (DOB)

Explanation: Pages from the resident page pool could not be flushed to the page files. On UNIX the fdatasync system call failed and on Windows the FlushFileBuffers Windows API call failed.

Action: Review the error codes to determine what cause the error. A possible cause of the error is that a disk I/O error occurred. On Windows review the event log for system or hardware errors. Restart the DOB to determine whether the failures are persistent.

S6BUL211E

No free buffers in CTABLE pool

Source: Data Object Broker (DOB)

Explanation: The CTABLE Manager has temporarily run out of buffers for tables. This is likely due to a burst of update activity that consumed buffers faster than they could be written to disk.

Action: Consider increasing the value for the Data Object Broker parameter CTABRESIDENT. Consult the Installation and Operations manual.

S6BUL213E

CompoundSynch internal failure, call '%'
failed, error=%

Source: Data Object Broker (DOB)

Explanation: An unexpected error occurred with an internal synchronization object.

Action: Contact TIBCO Support.

S6BUL214W

Redo log full or near-full condition reached

Source: Data Object Broker (DOB)

Explanation: The redo log has become full or is nearly full. A checkpoint will be requested that should result in the condition being resolved. Until the condition is resolved, sync processing is temporarily suspended.

Action: Increase the size of the redo log as it is not adequate for the current volume or frequency of sync requests.

S6BUL215I

Redo log full or near-full condition resolved

Source: Data Object Broker (DOB)

Explanation: The redo log is no longer full or near-full after checkpoint processing and sync processing will be allowed to continue.

Action: No action required.

UM: HCS

S6BUM001E

Unable to allocate % bytes from system heap

Source: HCS

Explanation: The system has a temporary shortage of real memory.

Action: If this problem occurs regularly, the system administrator should address the resource shortage in terms of system load, system configuration, and machine capacity.

S6BUM003E

Unable to open port, node '%' is not accessible via %

Source: HCS

Explanation: Communication with the node is not possible.

Either the node has not been configured for the appropriate transport mechanism, or the system you are on does not have access to that transport mechanism.

Keep in mind that Object Service Broker uses IPC to communicate with a node on the same system, otherwise it chooses TCP/IP.

Action: Examine the HCS configuration file to ensure that the target node is properly configured. Ensure that it is addressable via the appropriate transport mechanisms.

S6BUM004E

Unable to open port, node '%' is not local and is not accessible on any network

Source: HCS

Explanation: Communication with the node is not possible. The node has not been configured for TCP/IP connectivity and it is not local to this system.

Action: Examine the HCS configuration file to ensure that the target node is properly configured. Ensure that it is addressable via the appropriate transport mechanisms.

S6BUM013E

Inbound connection rejected, system resource shortage

Source: HCS

Explanation: An inbound connection could not be accepted due to a system resource shortage. This is likely a temporary shortage that should be alleviated when other processes end, or other users logoff.

Action: No action required.

S6BUM014E

Unable to connect to node '%'

Source: HCS

Explanation: A connection could not be made to the target node. The specific reason for the failure may be indicated by an errno value that is part of the message, or by a previous message.

Action: Review the errno and previous messages to determine the appropriate action.

S6BUM016E

Unable to connect to node '%', connection rejected

Source: HCS

Explanation: A connection was made to the target node, but the node rejected the login. If this message occurs on a peer connection it may mean that the peer Data Object Broker has not been configured to expect a peer connection from the originator. It may also indicate that target node has run out of resources and is not able to accept the connection.

Action: If the reasons for the rejected connection are not obvious, examine the Data Object Broker log at the target node for more information.

S6BUM018E

Unable to open % port for node '%'

Source: HCS

Explanation: The Data Object Broker could not open a port on the particular transport mechanism. The specific reason for the failure may be indicated by an errno value that is part of the message, or by a previous message.

Action: Review the errno and the previous messages to determine the appropriate action.

S6BUM020E

Invalid connection information detected

Source: HCS

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUM021E

Unable to perform SNA request, SNA libraries were not linked during installation

Source: HCS

Explanation: During the installation process, the installer indicated that SNA support was not available on the system. Consequently the current installation of TIBCO(r) Object Service Broker has not been linked to use the

system's SNA services. The Data Object Broker, however, has been configured to use SNA to communicate with a peer Data Object Broker.

Action: Either modify the Data Object Broker configuration so that connections to SNA nodes are not required, or (assuming that SNA services are available on the system) re-link TIBCO(r) Object Service Broker so that SNA connectivity is enabled. Refer to the Installation and Operations manual for instructions on how to re-link TIBCO(r) Object Service Broker to enable SNA connectivity.

S6BUM050E

Syntax error '%', expecting %

Source: HCS

Explanation: A syntax error was detected while parsing the HCS configuration file. The offending token is included in the message along with a description of what was expected. A subsequent message should indicate the file name and line number where the problem occurred.

Action: Verify the syntax of the node definition.

S6BUM051E

Line exceeds % characters

Source: HCS

Explanation: A line in the HCS configuration file was longer than the expected maximum length. A subsequent message should indicate the file name and line number where the problem occurred.

Action: Edit the file to ensure that the lengths of all the lines are within the limit specified.

S6BUM052E

Unrecognized keyword '%'

Source: HCS

Explanation: While scanning the HCS configuration file an invalid keyword was encountered. A subsequent message may identify where the problem occurred.

Action: Verify the syntax of the node definition.

S6BUM054E

Node name not specified

Source: HCS

Explanation: A definition in the HCS configuration file does not have a NAME attribute. A subsequent message should indicate the file name and line number where the problem occurred.

Action: Verify that the node definition is complete.

S6BUM055E

Unknown host name '%', node='%'

Source: HCS

Explanation: The HOST name specified in the node definition is not known at this system. The HOST name may be misspelled, or it may not be defined locally (in /etc/hosts) or at the name server.

Action: Verify that the HOST name is spelled correctly. If the HOST name is correct then contact the system administrator to have the name defined using the appropriate facility. Adding the IP attribute to the node definition may allow you to proceed if you are simply trying to connect to a node.

S6BUM056E

Host name and specified IP address do not correspond, node='%'

Source: HCS

Explanation: A HOST attribute and an IP attribute have both been specified in the definition of the node, but the IP address does not correspond to the HOST name.

Action: Ensure that the IP address is the correct one for the HOST name.

S6BUM057E

System host name '%' is not known to network

Source: HCS

Explanation: The local system has not yet been fully configured. The system name is not defined locally (in /etc/hosts) or at the name server.

Action: Contact the system administrator to have the system name defined using the appropriate facility.

S6BUM058E

Unable to determine system host name

Source: HCS

Explanation: The local system has not yet been fully configured. The system name has not been set.

Action: Contact the system administrator to have the system name set.

S6BUM059E

Unknown service name '%', node='%'

Source: HCS

Explanation: The SERVICE name specified in the node definition is not known at this system. The SERVICE name may be misspelled, or it may not be defined locally (in /etc/services) or at the name server.

Action: Verify that the SERVICE name is spelled correctly. If the SERVICE name is correct then contact the system administrator to have the name defined using the appropriate facility. As an alternative replace the SERVICE name with an actual PORT number.

S6BUM060E

Service name and specified port do not correspond, node='%'

Source: HCS

Explanation: A SERVICE attribute and a PORT attribute have both been specified in the definition of the node, but the PORT number does not correspond to the SERVICE name.

Action: Ensure that the PORT number is the correct one for the SERVICE name.

S6BUM061E

Alias or LU name not specified, node='%'

Source: HCS

Explanation: The node NAME is greater than 9 characters long and no ALIAS or LU name has been given for the node. Although node names can be up to 16 characters in length, Object Service Broker requires an 8-character identifier that tags the node both internally and on administrative controls. On z/OS,

this is the LU name. On Windows and Solaris, this is either the LU name (if it is given), the node NAME (if it is 8 characters or less in length), or the ALIAS.

Action: Add an ALIAS to the definition on the node.

S6BUM062E

Node '%' is not defined in directory '%'

Source: HCS

Explanation: The node is not defined in the HCS configuration file.

Action: Verify that the node name is spelled correctly both as it is given and in the HCS configuration file.

S6BUM063E

Error detected at line % of directory '%'

Source: HCS

Explanation: An error occurred while scanning through the HCS configuration file. A previous message should indicate the specific error detected.

Action: Review the previous messages to determine the appropriate actions to take.

S6BUM064E

Unexpected end of file encountered

Source: HCS

Explanation: While scanning a node definition in the HCS configuration file, the end of file was encountered. This probably means that the last attribute in the last node definition had a comma indicating there were more attributes to come.

Action: Verify the syntax of the node definition.

S6BUM070E

Unable to open directory '%'

Source: HCS

Explanation: The HCS configuration file could not be opened. The specific reason for the failure is indicated by the errno value that should be part of this message.

Action: Review the errno to determine the appropriate action to take.

S6BUM071E

Unable to read directory '%'

Source: HCS

Explanation: The HCS configuration file could not be read. The specific reason for the failure is indicated by the errno value that should be part of this message.

Action: Review the errno to determine the appropriate action to take.

S6BUM072E

Unable to close directory '%'

Source: HCS

Explanation: The HCS configuration file could not be closed. The specific reason for the failure is indicated by the errno value that should be part of this message.

Action: Review the errno to determine the appropriate action to take.

S6BUM102I

TCP/IP library call failed: %

Source: HCS

Explanation: This message traces the failure of a TCP/IP function. In most cases a subsequent message will indicate the effects of the failure (for instance, the loss of connection). The error description and/or errno value may be useful in determining TCP/IP communication problems.

Action: Consult the appropriate TCP/IP programming manuals for your system to determine the meaning of the error information.

S6BUM103I

System call '%' failed, errno=% [%]

Source: HCS

Explanation: A System call failed during the attempt to open a socket listing port or a remote location. A subsequent message will detail the impact of the error.

Action: Review the error code for the system call and the following message to determine what action to take.

S6BUM105E

Procedure % address not found; Windows extended message %

Source: HCS

Explanation: This message indicates a failure of the Windows GetProcAddress function to find the indicated procedure. The Windows extended message gives additional information. Most likely cause is a corrupted DLL.

Action: Get a fresh copy of the WAPPC32.dll or WINCSV32.dll files.

S6BUM106I

ioctl() request % failed, errno=%

Source: HCS

Explanation: This message traces the failure of an ioctl call. A subsequent message indicates the effects of the failure. The errno value can be useful in determining the problem.

Action: Consult the system documentation for network interfaces to determine the meaning of the error information for the ioctl request.

S6BUM107E

Unable to get network interface configuration list

Source: HCS

Explanation: The list that fully describes all network interface configurations for the local machine cannot be obtained. This list is needed when determining if a node is local.

Action: Contact TIBCO Support. Be prepared to submit a copy of all log files containing this message. Any Data Object Broker log file submitted should be from a Data Object Broker configured such that the ERRNOTRACE parameter has not been set N. This will ensure that the Data Object Broker log file will contain system and internal error tracing.

S6BUM108E

Keep-alive monitor error, pthread call ';' failed with return code ;and errno ;

Source: HCS

Explanation: TCP keepalive processing failed when making a call to the Pthreads library. Keepalive processing for the Execution Environment was likely terminated.

Action: TCP keepalive polls can be activated by a user by using the keepalive parameter for a node in the huron.dir configuration file. On the Solaris platform TCP keepalive polls are implemented using a keepalive monitor thread and out-of-band TCP/IP messages. An error was detected when starting the monitor thread or when interfacing with the thread. Review the errno value to determine the cause of the failure.

S6BUM109E

Keep-alive probe sent to node ';' failed with errno=,, keep-alive probes for connection disabled

Source: HCS

Explanation: The send of a TCP keepalive probe to a remote node failed. Keep-alive probes will no longer be sent to the remote location.

Action: TCP keepalive probes are enabled for a remote node by using the keepalive parameter for the definition of the node in the huron.dir configuration file. Review the errno to determine why the socket send of the keepalive probe failed.

UN: DOB Administration Tasks

S6BUN005E

The screen size stack is empty - aborting %

Source: DOB Administration Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUN006E

Screen size must be at least % by %

Source: DOB Administration Tasks

Explanation: You are attempting to start hrntladm from a terminal or window that does not have the required dimensions.

Action: Start hrntladm from a terminal or window with the stated minimum dimensions.

S6BUN007E

Curses: color initialization failed

Source: DOB Administration Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of the problem.

S6BUN008E

Curses: system initialization failed

Source: DOB Administration Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUN009E

Unexpected end of file in %

Source: DOB Administration Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

UR: DOB

S6BUR001E

Unable to allocate % bytes from system heap

Source: DOB

Explanation: The system has a temporary shortage of real memory.

Action: If this problem occurs regularly, your system administrator should address the resource shortage in terms of system load, system configuration, and machine capacity.

S6BUR002W

Redo recovery started

Source: DOB

Explanation: This message indicates that there are transactions in the redolog that were not part of a checkpoint, due to an abnormal termination of the Data Object Broker. The Data Object Broker will attempt to reapply these transactions to the Pagestore to recover the consistency of the database.

Action: No action is required.

S6BUR003E

Redo transaction out of sequence, checkpoint=%, commit=%

Source: DOB

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUR004I

Redo recovery successful, commit=%

Source: DOB

Explanation: The transactions found in the redolog at startup have been reapplied to the Pagestore.

Action: No action is required.

S6BUR005E

Redo recovery failed

Source: DOB

Explanation: A failure occurred while reading transactions from the redolog during redo recovery. A previous message should indicate the specific problem.

Action: Review the previous messages to determine the appropriate actions to take.

S6BUR006I

Data Object Broker quiesced, redo log space shortage

Source: DOB

Explanation: The redolog has become completely filled while waiting for a checkpoint to complete. The Data Object Broker has been quiesced and will no longer process updates. This may result from an excessive volume of updates (with respect to the current configuration parameters) or

from a delay in checkpoint processing. Checkpoint processing may be delayed due to a sudden volume of updates or because a spin job has failed.

Action: Ensure that the any spin jobs have completed successfully. If a spin job has failed you can attempt to run it again by directly executing either the spin01 or spin02 scripts. Once the spin job has completed successfully, request a checkpoint with the CHECKPOINT operator command. After the checkpoint has completed successfully, use the RESUME operator command to bring the Data Object Broker back online.

S6BUR008E

Unable to initialize European language support

Source: DOB

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUR009E

Unable to initialize lock manager

Source: DOB

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUR010E

Unable to free locks for contingent transaction, slot=%, transaction=%

Source: DOB

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUR011W

Request to abort/commit contingent transaction ignored, transaction not found, slot=%, transaction=%

Source: DOB

Explanation: A request to commit/abort an in-doubt transaction specified a slot this is empty or in use by another transaction. The most likely cause of this problem is "stale" data on an administrator's display. The in-doubt transaction may have been resolved automatically, aborted by a previous request not yet reflected on the display, or aborted by another administrator.

Action: Have the administrator refresh the data that is being displayed.

S6BUR012W

Unable to reacquire logical locks for contingent transaction, slot=%,transaction=%

Source: DOB

Explanation: At startup, one or more in-doubt transactions were present in the contingency logs. An attempt to reacquire logical locks for a contingent transaction failed. A previous

message may indicate the specific problem that occurred processing the lock request. This message may also indicate a Data Object Broker internal problem.

Action: If you suspect that this is a Data Object Broker internal problem, contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUR013I

Logical locks reacquired for % contingent transactions

Source: DOB

Explanation: At startup, one or more in-doubt transactions were present in the contingency logs. This message indicates how many in-doubt transactions were successfully able to reacquire logical locks.

Action: No action required.

S6BUR014E

DOB restart processing failed due to redo transaction failure

Source: DOB

Explanation: When applying changes to a Data Object Broker during restart following an abnormal termination, a transaction failed. To ensure integrity the Data Object Broker terminates with an error.

Action: Contact TIBCO Support.

US: DOB Supervisor Tasks

S6BUS001I

% stopped due to error

Source: DOB Supervisor Tasks

Explanation: This message indicates the exit status of an internal Data Object Broker process. In this case the process stopped after detecting a problem. Look for previous error messages that may indicate the specific problem.

Action: No action required for this message. If other messages are present they may require specific actions.

S6BUS002I

% startup completed (pid=%)

Source: DOB Supervisor Tasks

Explanation: The internal Data Object Broker process has started and initialized successfully. The pid is the identifier for the process.

Action: No action is required.

S6BUS003E

Unable to transmit message % to %

Source: DOB Supervisor Tasks

Explanation: This problem may occur during abend situations if parts of the Data Object Broker have stopped unexpectedly. If there are no apparent reasons for this problem to occur then this message may indicate a Data Object Broker internal problem.

Action: If you suspect that this is a Data Object Broker internal problem then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS004E

Unable to receive message

Source: DOB Supervisor Tasks

Explanation: This problem may occur during abend situations if the internal communication mechanism has been damaged. If there are no apparent reasons for this problem to occur then this message may indicate a Data Object Broker internal problem.

Action: If you suspect that this is a Data Object Broker internal problem then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS005E**Unexpected message % received****Source:** DOB Supervisor Tasks**Explanation:** This message may indicate a Data Object Broker internal problem.**Action:** Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.**S6BUS006I****Operator command: %****Source:** DOB Supervisor Tasks**Explanation:** The operator command indicated in the message was issued.**Action:** No action required.**S6BUS009I****Data Object Broker stopped****Source:** DOB Supervisor Tasks**Explanation:** All internal processes of the Data Object Broker have been stopped and all resources have been cleaned up.**Action:** No action required.**S6BUS010I****Data Object Broker shutdown requested****Source:** DOB Supervisor Tasks**Explanation:** The Data Object Broker has received a shutdown request. This can occur in the following ways: a SHUTDOWN operator command is received, a shutdown request is issued from an Execution

Environment, a "hrcr shutdown" or "hrcr stop" command is issued, or a SIGTERM signal is sent to the hrcr supervisor process of the Data Object Broker.

Action: No action required.**S6BUS012E****Unable to initialize shared rules buffer****Source:** DOB Supervisor Tasks**Explanation:** An attempt to create the shared rules buffer, used by local Execution Environments, has failed. Look for a previous error message to indicate the specific problem.**Action:** Review the previous messages to determine the appropriate action to take.**S6BUS013I****Data Object Broker kill requested****Source:** DOB Supervisor Tasks**Explanation:** The Data Object Broker has received a kill request. The Object Service Broker System Administrator has issued the "hrcr kill" command, or a SIGABRT signal has been sent to the hrcr supervisor process of the Data Object Broker.**Action:** No action required.**S6BUS014I****Starting %****Source:** DOB Supervisor Tasks**Explanation:** The Data Object Broker is attempting to start an internal process.**Action:** No action required.

S6BUS015E**Unable to start %****Source:** DOB Supervisor Tasks

Explanation: The Data Object Broker was unable to start an internal process. The specific reason for the failure is indicated by the errno value that should be part of this message. The most likely cause of failure is a shortage of memory or process entries in the system. It may also be the result of a configured limit on the number of processes.

Action: The system administrator may be needed to help understand and fix the problem. Exceeding the configured limit on the number of processes may require updates to the kernel configuration.

S6BUS016E**Unable to start %, maximum number of processes started****Source:** DOB Supervisor Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS017E**Unable to start %, process already started or running, pid=%****Source:** DOB Supervisor Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS018E**Unable to register %, already registered****Source:** DOB Supervisor Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS019E**Unable to terminate message queue port '%'****Source:** DOB Supervisor Tasks

Explanation: During shutdown, the Data Object Broker was unable to terminate an internal communication queue. A previous message should indicate the specific problem.

Action: Review the previous messages to determine the appropriate actions to take.

S6BUS020E**Unexpected message type % received****Source:** DOB Supervisor Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS021E

Unable to reply to request

Source: DOB Supervisor Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS022I

% stopped

Source: DOB Supervisor Tasks

Explanation: This message indicates the exit status of an internal Data Object Broker process. In this case, the process shutdown successfully with no problems.

Action: No action required.

S6BUS023I

% stopped due to signal %

Source: DOB Supervisor Tasks

Explanation: This message indicates the exit status of an internal Data Object Broker process. In this case, the process was terminated by a signal. If the signal is SIGKILL, the process was likely terminated as part of the cleanup during an abnormal termination of the Data Object Broker. Signals such as SIGFPE, SIGSEGV, and SIGBUS are exception conditions raised by the system that indicate an internal Data Object Broker problem.

Action: If you suspect that this is a Data Object Broker internal problem then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS024E

Data Object Broker abending, startup time limit exceeded, time=% minutes

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker is abending because the overall startup procedure took too long.

A very busy system may account for the delay in the startup. Otherwise the Data Object Broker is likely hanging as it attempts to access either communications or files.

Action: If this problem is due simply to a busy system, increase the value of the TIMEOUTSTART parameter in the crparm file. Verify that the devices and file systems that hold the Pagestore are available, and that TCP/IP communications are responding.

S6BUS025E

Data Object Broker abending, shutdown time limit exceeded, time=% minutes

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker is abending because the shutdown procedure took too long.

Action: You may need to manually drop any sessions and transaction programs that may be "hung".

S6BUS026E

Data Objec Broker abending, shutdown requested during startup

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker is abending because a shutdown was requested while it was starting up.

Action: Start up the Data Object Broker again, if it is required.

S6BUS027E

Data Objec Broker abending, child process stopped unexpectedly

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker is abending because one or more Data Object Broker processes have stopped without being asked to stop. Subsequent messages should indicate the status of each of the internal processes and should help identify which process stopped unexpectedly.

Action: Review the messages to determine the appropriate actions to take.

S6BUS028E

Data Objec Broker abending

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker is abending because the Object Service Broker system administrator issued the "hrnrcr kill" command, or because a SIGABRT signal was sent to the hrnrcr supervisor process.

Action: No action required for this message. If other messages are present they may require specific actions.

S6BUS029E

Data Object Broker abending, unexpected signal % received

Source: DOB Supervisor Tasks

Explanation: The Data Object Broker is abending because a signal was received that was not anticipated. The signal was likely sent explicitly from the Object Service Broker System Administrator's account, or from a user with root authority. If there is no explanation for the signal then this may indicate an internal Data Object Broker problem.

Action: If you suspect that this is a Data Object Broker internal problem then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS030I

Data Object Broker - TIBCO(r) Object Service Broker Release %

Source: DOB Supervisor Tasks

Explanation: Identifies the release of TIBCO(r) Object Service Broker which is being used.

Action: No action is required.

S6BUS031E

Data Object Broker abending, MaxUsers exceeds NOFILES

Source: DOB Supervisor Tasks

Explanation: The number of users is greater than the hard limit for the number of file descriptors for the system.

Action: Decrease users in the crparm file, or have the system administrator increase the number of file descriptors allowed per process.

S6BUS032E

Data Object Broker abend requested, fn=%, source=%(%)

Source: DOB Supervisor Tasks

Explanation: This message shows the function name, source, and line number of an abend.

Action: Review all messages to determine the appropriate actions to take.

S6BUS033E

Process (pid=%) stopped due to error (exit code=%)

Source: DOB Supervisor Tasks

Explanation: This message identifies the process and its exit code.

Action: Accompanying messages should tell what action to take.

S6BUS100I

System library call failed: %, errno=%

Source: DOB Supervisor Tasks

Explanation: This message traces the failure of an operating system function. A subsequent message will usually indicate the effects of the failure. The errno value may be useful in determining the cause of the problem.

Action: Consult the appropriate system programming manual for your system to determine the meaning of the errno value. Your system administrator may be needed to help diagnose the problem.

S6BUS101I

Error: errno=%

Source: DOB Supervisor Tasks

Explanation: This message traces the initial detection of a failure in the Data Object Broker. A subsequent message will usually indicate the effects of the failure. This message may indicate a Data Object Broker internal problem.

Action: If you suspect that this is a Data Object Broker internal problem then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS104I

System library call failed: %, errno=%, %

Source: DOB Supervisor Tasks

Explanation: This message traces the failure of an operating system function. A subsequent message will usually indicate the effects of the failure. The errno value may be useful in determining the cause of the problem.

Action: Consult the appropriate system programming manuals for your system to determine the meaning of the errno value. The system administrator may be needed to help diagnose the problem.

S6BUS105I

Internal library call failed: %, errno=%

Source: DOB Supervisor Tasks

Explanation: This message traces the failure of an internal Data Object Broker function. A subsequent message will usually indicate the effects of the failure. This message may indicate a Data Object Broker internal problem.

Action: If you suspect that this is a Data Object Broker internal problem then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS106I

Internal library call failed: %, errno=%, %

Source: DOB Supervisor Tasks

Explanation: This message traces the failure of an internal Data Object Broker function. A subsequent message will usually indicate the effects of the failure. This message may indicate a Data Object Broker internal problem.

Action: If you suspect that this is a Data Object Broker internal problem then contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUS107I

Node % accepting connections on interface address % socket port %

Source: DOB Supervisor Tasks

Explanation: This information message in the DOB log displays the communications adapter IP address and the socket port number for the listening port for all connections to the DOB. The information is displayed to assist DOB administrators debug connection problems with the DOB.

Action: No action is required.

S6BUS108E

SHUTDOWN and STOP commands cannot be used when the DOB runs as a service; use the Windows NET command to shutdown the DOB

Source: DOB Supervisor Tasks

Explanation: On Windows, the DOB was started as a service but an "HRNCR STOP" or "HRNCR SHUTDOWN" command was entered on the command line to shut down the DOB. This is not permitted.

Action: Use the Windows .NET command to stop the DOB running as a service.

S6BUS112I

Redolog surplus capacity=%

Source: DOB Supervisor Tasks

Explanation: This message appears when the Data Object Broker is shut down. It is an information message, indicating how many pages are still available at the redolog high-water mark of usage.

Action: No action is required. If the capacity is close to 0, then the Data Object Broker is close to quiescing, and you may consider increasing the size of the redolog.

UX: DOB Checkpoint Tasks

S6BUX001I

Starting spin job '%'

Source: DOB Checkpoint Tasks

Explanation: The spin job identified by the message has been started.

Action: No action required.

S6BUX002E

Unable to start spin job; %, errno = %

Source: DOB Checkpoint Tasks

Explanation: The Data Object Broker was unable to start a spin job. The specific reason for the failure is indicated by the errno value that is part of this message, as well as the name of the function call that failed. The most likely cause of failure is a shortage of memory or process entries in the system. It may also be the result of a configured limit on the number of processes.

Action: The system administrator may be needed to help understand and fix the problem. Exceeding the configured limit on the number of processes may require updates to the kernel configuration.

S6BUX003E

Spin job '%' ended with exit code %

Source: DOB Checkpoint Tasks

Explanation: This message indicates the exit status of a spin job. In this case, the spin job terminated due to an error. In order for messages from spin jobs to be included in the Data Object Broker log, the parameter `STDERRTRACE` in the `crparm` file must have the value `YES`.

Action: Rerun the spin job by simply starting the script (`spin01` or `spin02`) from the command line. If the job still fails, you should see more information about the nature of the problem.

S6BUX004E

Spin job '%' ended with signal %

Source: DOB Checkpoint Tasks

Explanation: This message indicates the exit status of a spin job. In this case, the spin job was terminated by a signal. Spin jobs do not normally use or expect signals, so it is likely that the signal was sent explicitly from the Object Service Broker system administrator's account, or from a user with root authority. If there is no explanation for the signal, this may indicate an internal Data Object Broker problem.

Action: Rerun the spin job by simply starting the script (`spin01` or `spin02`) from the command line. If the job fails, you should see information about the nature of the problem. If you suspect that this is a Data Object

Broker internal problem, contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUX005I

Spin job '%' ended

Source: DOB Checkpoint Tasks

Explanation: This message indicates the exit status of a spin job. In this case, the spin job completed successfully.

Action: No action required.

S6BUX006I

journal % full, switching journals

Source: DOB Checkpoint Tasks

Explanation: During a spin job the journal identified in the message reached its capacity and another journal is now being used.

Action: No action required.

S6BUX007E

Unable to use journal %, not emptied by spin job

Source: DOB Checkpoint Tasks

Explanation: The Data Object Broker is not able to use the journal because it was not emptied by the spin jobs as anticipated. This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUX008E

Unable to write checkpoint to either journal

Source: DOB Checkpoint Tasks

Explanation: The Data Object Broker is unable to write a checkpoint into either journal, even after successfully switching journals. This problem may indicate that the journals have been defined to be too small and that the size of the checkpoint exceeds the size of either journal. If this explanation does not seem likely and there are no other problems indicated, this may indicate a Data Object Broker internal problem.

Action: Reformat the journals. Ensure that both journals are large enough to handle at least one checkpoint. That means that the number of pages in each journal should be greater than or equal to the value of RESIDENTPAGES in the crparm file. If you suspect that this is a Data Object Broker internal problem, contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUX009W

Checkpoint request ignored, %

Source: DOB Checkpoint Tasks

Explanation: A checkpoint request was received or generated internally, but no updates have been processed due to the specified reason.

Action: No action required.

S6BUX010I

Checkpoint begin, id=%, pages=%

Source: DOB Checkpoint Tasks

Explanation: A checkpoint started. The checkpoint number and number of pages are given in the message.

Action: No action required.

S6BUX011E

Unable to complete checkpoint, page=% undefined

Source: DOB Checkpoint Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUX012I

Checkpoint end, id=%

Source: DOB Checkpoint Tasks

Explanation: The checkpoint was successful. The checkpoint number is given in the message.

Action: No action required.

S6BUX013E

Unable to use journal %, contains unrecovered data

Source: DOB Checkpoint Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUX015E

Unable to complete checkpoint, not all data sets confirmed

Source: DOB Checkpoint Tasks

Explanation: This message may indicate a Data Object Broker internal problem.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

S6BUX016I

Spinning journal % on operator's request

Source: DOB Checkpoint Tasks

Explanation: The operator has issued command SPINSUBMIT to activate journal spin.

Action: No action required.

S6BUX017E

Journal switch cannot be completed, journal % cannot be used

Source: DOB Checkpoint Tasks

Explanation: Journal switch activated by operator's command SPINSUBMIT cannot be completed, due to the fact that the other journal has not been emptied and therefore cannot be used online

Action: Upon receipt of this message, administrator should try to execute corresponding batch spin job IMMEDIATELY (from the OS command line). Successful spin will reset journal file and SPINSUBMIT could be reapplied

S6BUX018I

DOB is now online - Redolog available for processing

Source: DOB Checkpoint Tasks

Explanation: The Data Object Broker is now recovered from a quiesced state.

Action: No action is required.

S6BUX019I

Checkpoint deferred, previous checkpoint still in progress

Source: DOB Checkpoint Tasks

Explanation: Only one checkpoint can be executed at a time.

Action: Wait until the current checkpoint is done.

S6BUX020I

**CHECKPOINT MAXIMUM PAGES = ____/
TRANSACTIONS =**

Source: DOB Checkpoint Tasks

Explanation: This message is provided for informational purposes only and is issued to confirm the thresholds set for the maximum size of a Checkpoint.

Action: No action is required.

S6BUX021W

**PAGE LIMIT REDUCED - EXCEEDS 15% OF
RESIDENT PAGES**

Source: DOB Checkpoint Tasks

Explanation: The value specified for the CHPAGELIMIT initialization parameter must not exceed 15% of the Resident Page Directory as defined by the

RESIDENTPAGES initialization parameter. The value of CHPAGELIMIT has been automatically reduced so as to conform to this requirement.

Action: Adjust the CHPAGELIMIT parameter or the RESIDENTPAGES parameter or both so that this condition is addressed.

S6BUX022W

**Parameter '%' REDUCED - INSUFFICIENT
SPACE IN %**

Source: DOB Checkpoint Tasks

Explanation: The value specified for the initialization parameter indicated by this message is too large to be supported by the redolog.

Action: Adjust the indicated initialization parameter to relieve this condition, or increase the amount of space available to the redolog. Consult the Installation and Operations manual for further information.

S6BUX023E

**Unable to determine the status of the spin job,
errno = %d**

Source: DOB Checkpoint Tasks

Explanation: This message indicates that during a journal switch we cannot figure out the status of the previous spin job. We have to wait to check the actual status of the journal file.

Action: No action is required.

S6BUX024E

Path % specified by parameter 'SPINSHELL' is not accessible, errno = %

Source: DOB Checkpoint Tasks

Explanation: The SPINSHELL parameter specifies a path to a shell that is not readable or executable.

Action: Do one of the following:

- Correct the value of the SPINSHELL parameter.
- Correct the permissions for the specified shell.
- Use the default value.

S6BUX027E

Error encountered %; % failure, error %

Source: DOB Checkpoint Tasks

Explanation: An internal Data Object Broker failure occurred with respect to the capturing of spin job output.

Action: Contact TIBCO Support. Be prepared to submit a copy of the Data Object Broker log file and any core file produced as a result of this problem.

XC: Cross-Memory Control

S6BXC200I

CROSS-MEMORY CORRESPONDENT REGIONS MAY HAVE BEEN ABANDONED

Source: Cross-Memory Control

Explanation: This message is issued by an Object Service Broker communications environment that is being terminated, if it has detected that not all the other Object Service Broker communications environments with which it had engaged in communications exchanges using Cross Memory Services have been allowed to disconnect. Any communication errors experienced by those Object Service Broker communications environments that still had active Cross Memory Services communications paths to the terminating Object Service Broker communications environment can be attributed to the termination of the current Object Service Broker communications environment.

Action: No action is required.

S6BXC875I

CROSS-MEMORY CLEANUP FROM ABEND WILL TERMINATE CONNECTION

Source: Cross-Memory Control

Explanation: This message is issued by cleanup processing. It is issued during recovery from an intercepted abend that occurred during cross memory communications send/receive processing. It indicates that the cleanup processing has reset the cross memory

communications control indicators and will attempt to terminate the communications connection that was active when the abend occurred.

This message is usually accompanied by other messages that provide additional information concerning the error, such as message S6BCM997E. Occasionally, environmental restrictions prevent any other message from being issued. An error record is written to the system log and an SVC dump is attempted.

Action: Since this message indicates a successful cleanup from an abend, no immediate action may be necessary. Consider the following:

- If the affected Object Service Broker component (Data Object Broker or Execution Environment) displays no other symptoms of difficulty, the error has successfully been isolated to affect only a single user connection.
- If this message is issued repeatedly, it may indicate a severe problem with the communications capability of the affected Object Service Broker component. If normal production work is seriously affected, it may be prudent to recycle the job. In this case, collect any diagnostic information available (system log printout, JES log for the affected Object Service Broker address spaces, and any dumps produced) and contact TIBCO Support.

S6BXC888E**COMMUNICATIONS IDENTIFIER "%"
COULD NOT BE LOCATED****Source:** Cross-Memory Control

Explanation: An attempt by the current Object Service Broker communications environment to contact another Object Service Broker communications environment using the Cross Memory Services Object Service Broker Communications Implementation failed because the target Object Service Broker communications environment could not be located in any address space within the current image of z/OS. This may be normal, if the target Object Service Broker communications environment is usually executed on another machine (under another image of z/OS).

Action: If the target Object Service Broker communications environment is required, ensure that it is executing and has successfully initialized its Object Service Broker communications environment.

S6BXC950W**UNABLE TO SERIALIZE CROSS-MEMORY
ENVIRONMENT, RESOURCE OWNED BY %, ASID= X'%'****Source:** Cross-Memory Control

Explanation: This message is issued if an Object Service Broker address space is attempting to initiate or terminate the use of a Cross Memory Services environment, but is unable to obtain control of the Object Service Broker Cross Memory Services environment resource needed to ensure the integrity of that environment during the process.

While attempting to gain control of the Object Service Broker Cross Memory Services environment resource, the Object Service Broker address space detected that

control of that resource is held by another Object Service Broker address space, and all indications are that the other Object Service Broker address space is not going to release its control of the Object Service Broker Cross Memory Services resource. Something has suspended this "culprit" Object Service Broker address space while it was in transition and owning control of the Object Service Broker Cross Memory Services environment resource.

For example, a user might have pressed the <ATTN>/<PA1> key to interrupt the execution of an Object Service Broker Execution Environment executing under TSO without taking any subsequent action to continue or terminate the execution of the Object Service Broker Execution Environment.

This message provides the following information:

- The name of the Object Service Broker address space that currently has control of the Object Service Broker Cross Memory Services environment in question.
- The ASID, which is the hexadecimal interpretation of the z/OS Address Space Identifier of the address space that currently has control of the Object Service Broker Cross Memory Services environment in question.

Together these two data items uniquely identify the culprit Object Service Broker address space that is impeding the progress of the Object Service Broker address space that is attempting to initiate or terminate the use of the Object Service Broker Cross Memory Services environment.

This message is always followed by:

S6BXC951R REPLY "RETRY" OR "DEFER"

which provides the system operator with a means to direct the Object Service Broker address space on how to proceed.

Action: This message provides the system operator with the identity of the culprit Object Service Broker address space that has control of the Object Service Broker Cross Memory Services environment resource. The operator can use this identity to determine whether the culprit Object Service Broker address space is still legitimate or if it should be purged from the system.

The system operator can make this decision based on the status of the culprit Object Service Broker address space:

- If the culprit Object Service Broker address space is swapped out and/or not consuming any CPU resources, it is not going to be able to release control of the Object Service Broker Cross Memory Services environment that it is holding.
- If the culprit Object Service Broker address space is consuming processor resources, then it may be about to complete its processing and release its control of the Object Service Broker Cross Memory Services environment.

The system operator can do one of the following:

- If the culprit Object Service Broker address space does not appear to be consuming any system resources, the operator could purge it from the system by canceling it. The operator should then reply with "RETRY" to message S6BXC951R (if it has not already been deleted from the system console). Processing by the Object Service Broker address space that issued this message then proceeds. If another Object Service Broker address space also has control of the Object Service Broker Cross Memory Services environment resource and will not release it, this message is
- reissued and additional assessment and action as described above may be required.
- If the culprit Object Service Broker address space is consuming system resources, the operator could decide to allow the culprit Object Service Broker address space more time to release its control of the Object Service Broker Cross Memory Services environment. The operator should reply with "RETRY" to message S6BXC951R; this causes the message issuer to reassess the situation and reissue the message if the assessment does not change.
- If the Object Service Broker address space that issued this message is attempting to initiate the use of an Object Service Broker Cross Memory Services environment, the operator could decide to bypass its use of Cross Memory Services, for the time being. The operator should reply with "DEFER" to message S6BXC951R; this causes the Object Service Broker address space to continue without the use of Object Service Broker Cross Memory Services. The operator can use the COMRESTART command to direct the Object Service Broker address space to reattempt initialization of Object Service Broker Cross Memory Services at a later time.
- If the Object Service Broker address space that issued this message is attempting to terminate the use of an Object Service Broker Cross Memory Services environment, a reply of "DEFER" to message HRNXC951R is treated the same as a reply of "RETRY". This means that the culprit Object Service Broker address space must release the Object Service Broker Cross Memory Services environment resource or be purged from the system, in either case allowing the Object Service Broker address space that issued the message to proceed with its termination processing.

If no reply to message S6BXC951R is provided within 5 minutes of the time that this message is issued, the issuing Object Service Broker address space simulates a reply of "DEFER" and proceeds with processing accordingly.

S6BXC951R

REPLY "RETRY" OR "DEFER"

Source: Cross-Memory Control

Explanation: This message is issued in accompaniment with message S6BXC950W, in order to permit the System Operator to provide a reply to message S6BXC950W, and direct subsequent processing of the situation that message S6BXC950W describes.

Action: See the Action description of message S6BXC950W for a complete description of how to deal with this message.

S6BXC992E

CROSS-MEMORY CLEANUP CANNOT CONTINUE - INVALID CSA STRUCTURE DETECTED FOR % (ASID X'%').

Source: Cross-Memory Control

Explanation: Unilateral resource cleanup processing cannot identify the address space(s) that require cleanup action. The control blocks that identify established cross memory communicants have been corrupted.

The first variable item represents the name of the Object Service Broker environment involved. The second variable represents the

address space identifier of the z/OS address space involved.

Action: This message is only significant to Object Service Broker and does not necessarily indicate an error that has impact on z/OS. When issued, the following symptoms may be displayed:

- A user may appear to be logged on after the Execution Environment that supported the user has terminated. The user is unable to re-login to the same Data Object Broker.
- Data access requests from other users may be queued indefinitely because of locks still held by the user that appears to be logged on.

If any of these symptoms are displayed, do the following:

- Using the Object Service Broker operator interface, terminate the user's session.
- In exceptional cases, shutdown and restart the Data Object Broker.
- Collect any diagnostic information available (system log printout, JES log for the affected Object Service Broker address spaces, and any dumps) and contact TIBCO Support.

S6BXC995W**MVS CROSS-MEMORY SERVICES
UNAVAILABLE, NO RESOURCE MANAGER
INSTALLED****Source:** Cross-Memory Control**Explanation:** The Object Service Broker Cross Memory Services Communications Implementation could not be initialized, because the Object Service Broker MVS Resource Manager Module was not found on the system, and could not be dynamically installed.**Action:** Determine why the Object Service Broker MVS Resource Manager Module could not be dynamically installed. This information is obtained from messages that have been issued prior to this one. Correct the situation and restart the Object Service Broker Region.**S6BXC996W****MVS CROSS-MEMORY SERVICES
UNUSABLE, SYSTEM AX SET IN ADDRESS
SPACE****Source:** Cross-Memory Control**Explanation:** During the process of initializing the Object Service Broker Cross Memory Services Communications Implementation, it was found that the z/OS address space had already obtained a System Authority level that permits access to all other address spaces under the same image of z/OS. Initialization of the Object Service Broker Cross Memory Services would rescind this System Authority level, so it cannot be used at this time.**Action:** Determine how the Object Service Broker Region's address space was able to obtain the System Authority to access other address spaces (Object Service Broker does not attempt to obtain this authority itself), and

assess whether or not it is necessary. Such an authority level may be cause for concern if unscreened User External Routines are being invoked by Object Service Broker Rules.

S6BXC999E**MVS % REQUEST FAILED, R15=X%'****Source:** Cross-Memory Control**Explanation:** A request for a system service provided by z/OS failed. A Return Code was provided by z/OS in register 15 describing the reason for the request failure. The request is one of the following:

- ESTAE
- GQSCAN
- GETMAIN
- FREEMAIN.

Action: Refer to the appropriate z/OS manual for a description of the service requested and the reason for the failure as described by the Return Code. Determine remedial action by considering the information provided in the manual. If the message persists, contact TIBCO Support.

