

Airline Control System  
Version 2.4.1

*Messages and Codes*



**Note**

Before using this information and the product it supports, be sure to read the general information under [“Notices” on page v.](#)

This edition applies to Release 4, Modification Level 1, of Airline Control System Version 2, Program Number 5695-068, and to all subsequent releases and modifications until otherwise indicated in new editions. Order publications through your IBM representative or the IBM branch office serving your locality. Publications are not stocked at the address given below. A form for readers' comments appears at the back of this publication. If the form has been removed, address your comments to:

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## Notices

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## Programming interface information

---

This book is intended to help operators, application programmers, and system programmers to understand and respond to the messages they may meet when running or developing applications for Airline Control System Version 2, Program Number 5695-068.

This book also documents General-Use Programming Interface and Associated Guidance Information provided by Airline Control System Version 2:

- The section [“Automated operations”](#) on page [viii](#) describes the General-Use Programming Interface that allows customers to write programs that interact with Airline Control System Version 2.
- [Appendix A, “Messages intended for automated operations,”](#) on page [451](#) lists those Airline Control System Version 2 messages that are intended to form part of the General-Use Programming Interface.

## Trademarks

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## About this book

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This book describes the messages and codes issued by Release 4.1 of Airline Control System (ALCS) Version 2, an IBM licensed program.

ALCS is one of a family of IBM programs designed to satisfy the needs of airlines and other industries with similar requirements for high-volume and high-availability transaction processing.

The product, which is also known as TPF/MVS, provides the Transaction Processing Facility (TPF) application programming interface (API) for z/OS® environments. It supersedes ALCS/Multiple Virtual Storage/Extended Architecture (ALCS/MVS/XA), known as ALCS Version 1.

Throughout this book:

- Airline Control System Version 2 is abbreviated to ALCS unless the context makes it necessary to distinguish between ALCS Version 2 Release 4.1, and the predecessor products ALCS Version 2 Release 3, ALCS Version 2 Release 2, ALCS Version 2 Release, ALCS/MVS/XA and ALCS/VSE.
- Airlines Line Control Interconnection (ALCI) includes the function of network extension facility (NEF).
- Advanced Communications Function for the Virtual Telecommunication Method is abbreviated to VTAM®.
- TPF refers to all versions of Transaction Processing Facility and its predecessor, Airlines Control Program (ACP).
- MVS™ refers to z/OS. MVS, s/390, and "OS/390®" also refer to operating systems.

For further details of ALCS, see the relevant manuals listed in [“Bibliography” on page 504](#).

## How to look up a message

---

In order to find the description of a particular message, make a note of the message number.

- In the printed manual, message numbers are printed on the top outside corner of the page.
- When you use the BookManager® softcopy book, you need to include the severity code or an asterisk when you use the BookManager or IBM Library Reader Search facility. For example:

```
DXC110R
DXC110*
```

This lists every topic referring to message DXC110R. For most messages, a search produces a single topic - and since each message is a topic, you have the full description of the message, without any unnecessary information.

- The softcopy version of this book has been enabled for Online Message Facility. The various softcopy collection kits that this book occurs on contain a full description of how to install the Online Message Facility at your location.

## Automated operations

---

The messages listed in [Appendix A, “Messages intended for automated operations,” on page 451](#) are intended as a part of the General-Use Programming Interface.

The **wording** of messages is not a part of the General-Use Programming Interface.

However, if you wish to use ALCS messages as input to an automated operator, you can do so by making use of:

- The message number, and
- The tokenized variables (if any)

The basic meaning of the message is intended to remain unchanged, and any tokenized variables are intended to continue to form part of the message. The wording, however, and the sequence of tokenized variables could be changed, and additional tokenized variables could be introduced.

Note, also, that not all the *message\_variables* shown in this manual are tokenized.

The tokenized variables take the form:

```
TOKEN-'variable'  
TOKEN-X'hex_variable'
```

If the same token is used more than once in one message, then the token will be suffixed with a numeral, for example:

```
FOUND NR1-'3' OCCURRENCES -- NR2-'2' CHANGED
```

The following tokens are used in ALCS messages. If further tokens are introduced in PTFs, they will be announced in the PTF documentation.

**AC**

*abend\_code*

**ACRN**

*associated\_CRN*

**ACT**

*action*

**AD**

*address*

**AN**

*area\_number*

**AS**

*address\_space\_name*

**CC**

*condition\_code*

**CFT**

*configuration\_table*

**CRI**

*communication\_resource\_identifier*

**CRN**

*communication\_resource\_name*

**CSW**

*channel\_status\_word*

**CT**

*CRAS\_type*

**DDN**

*ddname*

**DN**

*directory\_number*

**DSN**

*data\_set\_name*

**DSP**

*displacement*

**EC**

*error\_code*

**EIB**  
*error\_index\_byte*

**FB2**  
*feedback\_2*

**FDBK2**  
*feedback\_2*

**FN**  
*function*

**FT**  
*filetype*

**HEX**  
*HLN\_exit\_address*

**HH**  
*hours*

**IA**  
*interchange\_address*

**KCN**  
*SLC\_link\_channel\_number*

**LBL**  
*label*

**LEID**  
*logical\_end\_point\_identifier*

**LS**  
*log\_stream\_name*

**LSET**  
*Load\_set*

**LSI**  
*link\_status\_identifier*

**LUN**  
*lu\_name*

**MBI**  
*message\_block\_indicator*

**MM**  
*minutes*

**MODN**  
*module\_name*

**MT**  
*message\_type*

**NR**  
*number*

**OFS**  
*offset*

**OP**  
*I/O\_operation\_code*

**ORD**  
*ordinal\_number*

**PLN**  
*plan*

**PN**  
*program\_name*

**PO**  
*port\_number*

**PROG**  
*program\_name*

**PT**  
*pool\_type*

**PWE**  
*password\_expiry\_time*

**QM**  
*queue\_manager\_name*

**QN**  
*queue\_name*

**RC**  
*return\_code*

**RQT**  
*request\_type*

**RSC**  
*reason\_code*

**RT**  
*record\_type*

**RTNCD**  
*return\_code*

**SBS**  
*subsystem\_identifer*

**SC**  
*sense\_code*

**SENSE**  
*sense\_data*

**SEQN**  
*sequential\_file\_name*

**SN**  
*slot\_number*

**SS**  
*system\_state*

**TA**  
*terminal\_address*

**TCID**  
*terminal\_circuit\_identity*

**TCRN**  
*subordinate\_terminal\_CRN*

**TN**  
*table\_name*

**TSK**  
*task\_ID*

**UCBT**  
*UCB\_type*

**VS**  
*volume\_serial*

**XCRN**  
*X.25\_CRN*



# Chapter 1. Numbering and format of ALCS messages and codes

The messages that ALCS sends to the MVS operator console and MVS job output are in a form that is compatible with other MVS program products. The format of these messages, together with ALCS messages sent to other destinations, is shown in [Table 1 on page 1](#).

The message format and numbering range vary with the type of message or code. This book is divided into sections, each containing details of different types of message. [Table 1 on page 1](#) lists the types of messages and codes and the corresponding numbering ranges and an outline of the formats.

*Table 1. ALCS message and code types, format, and number range*

<b>Message or code type</b>	<b>Destination</b>	<b>Numbering range</b>	<b>Format</b>
Messages generated by the online monitor	MVS console	000 - 479	<i>DXCnnns ccc i text</i>
Messages generated by the offline programs	Job output	480 - 799	<i>DXCnnns ccc [i] text</i>
ALCS generation macro MNOTEs	Assembler listing	800 - 999	<i>DXCnnns ccc i text</i>
ALCS application macro MNOTEs	Assembler listing	1000 - 1999	<i>DXCnnnns text</i>
Messages generated by the online monitor	ALCS printer	2000 - 2999	<i>DXCnnnns ccc i [hh.mm.ss] text</i>
Available for user-written application programs		3000 - 3999	
Responses to ALCS commands	MVS console, RO CRAS, originating terminal	5000 - 5999	<i>DXCnnnns CME i hh.mm.ss aaaa text</i>
ALCS Web Server and HFS messages	MVS console, RO CRAS, originating terminal	6000 - 6999	<i>DXCnnnns HFS i [hh.mm.ss] text</i>
Responses to ALCS commands	MVS console, RO CRAS, originating terminal	8000 - 8999	<i>DXCnnnns CMD i hh.mm.ss aaaa text</i>
Messages generated by the NetView® interface program DXCPPI	NetView log	9000 - 9099	<i>DXCnnnns ccc i [hh.mm.ss] text</i>
Error Messages generated by OCTM	Returned to application which issued COMTC monitor-request macro	9100 - 9199	<i>DXCnnnns text</i>
System errors	MVS console, RO CRAS, originating terminal	000000 - 000FFF	<i>xxxxxx text</i>
Abnormal termination completion codes	MVS console, ALCS job output		<i>nnnn</i>
Sense codes	Sent by ALCS as error indicators on an LU 6.1 link		<i>ssssnnnn</i>

## Explanation of message formats

---

### Messages with DXC prefix

The format of ALCS messages prefixed "DXC" is:

**DXC**

IBM product code for ALCS (ALCS/VSE, ALCS/MVS/XA, and ALCS Version 2)

**nnn or nnnn**

A unique decimal number identifying the message

**s**

Severity code (see below)

**ccc**

ALCS subcomponent code (see below)

**i**

The ALCS system identifier. This is one alphanumeric character specified by the ALCS generation.

**hh.mm.ss**

Time stamp

**text**

Text of the message.

**aaaa**

The four alphabetic characters that identify the ALCS command. For example *DCOM* for the command ZDCOM.

### System errors

The format of ALCS system error messages is:

**xxxxxx**

A 6-digit hexadecimal number identifying the system error

**text**

Text of the system error message.

### Abnormal termination codes

The format of ALCS abnormal termination completion codes is:

**nnnn**

A 4-digit decimal number identifying the abnormal termination.

### Sense codes

The format of ALCS sense codes is:

**ssss**

SNA sense code; a 4-digit hexadecimal number

**nnnn**

ALCS unique code; a 4-digit hexadecimal number identifying the error condition.

## Allocation of message numbers

---

Message numbers beginning with "DXC" are allocated in blocks as follows:

**000-479**

ALCS online monitor (DXCMON)

- 480-489**  
ALCS cross reference facility (DXCXREF)
- 490-499**  
ALCS statistical report generator (DXCSRG)
- 500-549**  
DRIL file create (DXCSTCDR)
- 550-599**  
ALCS system test compiler (DXCSTC)
- 600-609**  
Database compress/expand utility
- 610-699**  
STC edit (DXCSTCED)
- 700-749**  
ALCS communication report generator (DXCCOMOL)
- 750-779**  
Offline C utilities
- 780-799**  
ALCS diagnostic file processor (DXCDTP)
- 800-839**  
ALCS generation - communication subcomponent (YCM)
- 840-899**  
ALCS generation - DASD subcomponent (YDB)
- 900-949**  
ALCS generation - general messages
- 950-959**  
ALCS generation - ALCS, ALCSGEN, and JOBCARD macros
- 960-979**  
ALCS generation - sequential file subcomponent (YSF)
- 980-989**  
ALCS generation - system parameters subcomponent (YST)
- 990-999**  
ALCS generation
- 1000-1099**  
General macro parameter MNOTEs
- 1100-1199**  
Common macro parameter MNOTEs
- 1500-1590**  
Macro-unique MNOTEs
- 1900-1999**  
Logic errors in ALCS application macros.
- 2000-2299**  
System
- 2300-2349**  
TCP/IP
- 2350-2399**  
MQSeries® bridge
- 2400-2599**  
Communication
- 2600-2649**  
Timer

- 2650-2699**  
Sequential file
- 2700-2749**  
Initializer
- 2750-2799**  
DASD
- 2800-2824**  
Program
- 2825-2849**  
Loader
- 2850-2874**  
Dump
- 2875-2899**  
Keypoint
- 2900-2919**  
DB2®
- 2920-2939**  
MQSeries
- 2940-2959**  
APPC/MVS
- 2960-2998**  
TCP/IP
- 3000-3999**  
Available for user-written application programs
- 5000-5999**  
Responses to ALCS commands
- 6000-6999**  
ALCS Web Server and Hierarchical File System (HFS)
- 8000-8999**  
Responses to ALCS commands
- 9000-9099**  
NetView interface program (DXCPPI)
- 9100-9199**  
Online communication table maintenance

## Severity codes

---

ALCS uses the following severity codes:

- A**  
Action. The MVS operator must take some action.
- R**  
Reply. The MVS operator must reply.
- D**  
Reply. The MVS operator may reply.
- I**  
Information. Processing continues normally.
- W**  
Attention. Processing continues but results may differ from those required.
- E**  
Error. Processing continues but results will differ from those required.

**S**

Severe error. Processing cannot continue.

**T**

Termination. Processing is terminated.

## Subcomponent codes

---

ALCS uses the following subcomponent codes:

**APP**

Reserved for customer use

**CMD**

Online monitor - operator commands

**CME**

Online monitor - operator commands

**COM**

Online monitor - communication initialization

**CMP**

Database compress/expand utility

**DAS**

Online monitor - DASD initialization and termination

**DB2**

Online monitor - DB2 routines

**DFS**

Online monitor - TPFDF support

**DMP**

Online monitor - system error routines

**DTP**

ALCS diagnostic file processor program (DXCDTP)

**HFS**

Online monitor - ALCS Web Server and Hierarchical File System (HFS)

**HTP**

Online monitor - HTTP Client

**ICF**

Online monitor - ICSF

**INT**

Online monitor - initialization

**JSN**

Online monitor - JSON Parser

**KPT**

Online monitor - keypoint routines

**LDE**

Online monitor - module load routines

**LU6**

Online monitor - Advanced Program-to-Program Communications/MVS (APPC/MVS) routines

**MQB**

Online monitor - MQSeries bridge

**MQM**

Online monitor - MQSeries

**OCM**

Communication report generator program (DXCCOMOL)

**PGM**  
Online monitor - program management

**SAF**  
Online monitor - security

**SEQ**  
Online monitor - sequential file initialization

**SRG**  
Statistical report generator program (DXCSRG)

**STC**  
System test compiler programs (DXCSTC, DXCSTCED, DXCSTCDR)

**SYS**  
Online monitor - system routines

**TCP**  
Online monitor - TCP/IP routines

**TIM**  
Online monitor - timer routines

**XRF**  
ALCS cross reference facility (DXCXREF)

**YCM**  
ALCS generation - communication subcomponent macros

**YDB**  
ALCS generation - DASD subcomponent macros

**YGN**  
ALCS generation - ALCS, ALCSGEN, and JOBCARD macros

**YSF**  
ALCS generation - sequential file subcomponent macros

**YST**  
ALCS generation - system parameters subcomponent macros

Arranged according to the component of ALCS that uses them:

- **ALCS generation**

- YGN**  
ALCS, ALCSGEN, and JOBCARD macros
  - YCM**  
Communication subcomponent macros
  - YDB**  
DASD subcomponent macros
  - YSF**  
Sequential file subcomponent macros
  - YST**  
System parameters subcomponent macros

- **Online monitor**

- CMD**  
Responses to ALCS commands
  - CME**  
Responses to ALCS commands
  - COM**  
Communication initialization
  - DAS**  
DASD initialization and termination

- DB2**
  - DB2 routines
- DFS**
  - TPFDF support
- HFS**
  - ALCS Web Server and Hierarchical File System (HFS)
- INT**
  - Initialization
- KPT**
  - Keypoint routines
- LDE**
  - Module load routines
- LU6**
  - APPC/MVS routines
- MQB**
  - MQSeries bridge
- MQM**
  - MQSeries routines
- PGM**
  - Program management
- SEQ**
  - Sequential file initialization
- DMP**
  - System error routines
- TIM**
  - Timer routines
- SYS**
  - System routines
- **Off-line programs**
  - XRF**
    - ALCS cross reference facility (DXCXREF)
  - DTP**
    - ALCS diagnostic file processor program (DXCDTP)
  - OCM**
    - Communication report generator program (DXCCOMOL)
  - SRG**
    - Statistical report generator program (DXCSRGR)
  - STC**
    - System test compiler programs (DXCSTC , DXCSTCED , DXCSTCDR)

---

## Chapter 2. Online monitor messages (MVS console): DXC000-DXC479

---

**DXC000E**      **Logic error - Invalid message number 'cccnnn'**

### Explanation

An ALCS monitor routine or offline program attempted to send an error message with an invalid message number. *ccc* is the subcomponent code, and *nnn* is the message number (in an internal format used by DXCEMSG and DXCEMSG0).

### System action

ALCS sends this error message and then proceeds normally.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

#### Note:

**Not in GUIP:** *The next message is **not** intended for automated operations.*

### Module

DXCEMSG, DXCEMSG0

---

**DXC001E**      **Logic error - Invalid subcomponent code 'cccnnn'**

### Explanation

An ALCS monitor routine or offline program attempted to send an error message with an invalid subcomponent code. *ccc* is the subcomponent code, and *nnn* is the message number (in an internal format used by DXCEMSG and DXCEMSG0).

### System action

ALCS sends this error message and then proceeds normally.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

DXCEMSG, DXCEMSG0

---

**DXC030E**      **TPFDF initialization failed - Not enough storage for DB table**

### Explanation

Self-explanatory.

### System action

ALCS continues processing normally. TPFDF is unusable.

### User response

Allocate more storage and try again.

### Module

DXCDFS

---

**DXC031W**      **TPFDF initialization failed - Not enough storage for DF statistics**

### Explanation

Self-explanatory.

### System action

ALCS continues processing normally. TPFDF is usable, but TPFDF data collection is unusable.

### User response

Allocate more storage and try again.

### Module

DXCDFS

---

**DXC032E**      **TPFDF initialization failed - Not enough storage for static fastlink table**

### Explanation

Self-explanatory.

## System action

ALCS continues processing normally. TPDFD is unusable.

## User response

Restart ALCS with more private storage.

## Module

DXCDFS

---

<b>DXC040T</b>	<b>Timer initialization failed - TOD clock error</b>
----------------	--

## Explanation

During ALCS initialization, the processor time-of-day (TOD) clock is in not-set, error, stopped, or not-operational state.

## System action

ALCS terminates abnormally.

## Operator response

Ensure that the TOD clock is operational and set. Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Module

DXCTIM

---

<b>DXC041W</b>	<b>ALCS loop detected -- address X'aaaaaaaa'</b>
----------------	--

## Explanation

A possible loop condition for a cpu loop subtask has been detected. *aaaaaaaa* is an address within the loop. If this condition persists, four similar messages are sent out.

## System action

ALCS is possibly in a loop.

## User response

If the loop condition is confirmed, cancel and restart ALCS, and ask your system programmer to inform your IBM programming support representative.

## Problem determination

Use information from messages DXC041W and DXC042I for diagnostic purposes.

## Module

DXCTIR

---

<b>DXC042I</b>	<b>R00 - xxxxxxxx R01 - xxxxxxxx R02 - xxxxxxxx R03 - xxxxxxxx R04 - xxxxxxxx R05 - xxxxxxxx R06 - xxxxxxxx R07 - xxxxxxxx R08 - xxxxxxxx R09 - xxxxxxxx R10 - xxxxxxxx R11 - xxxxxxxx R12 - xxxxxxxx R13 - xxxxxxxx R14 - xxxxxxxx R15 - xxxxxxxx</b>
----------------	--

## Explanation

A possible loop condition for a cpu loop subtask has been detected. The contents of each general register at the time of the detection are represented by xxxxxxxx. Message DXC042I always follows message DXC041W.

## System action

ALCS is possibly in a loop.

## User response

If the loop condition is confirmed, cancel and restart ALCS, and ask your system programmer to inform your IBM programming support representative.

## Problem determination

Use information from messages DXC041W and DXC042I for diagnostic purposes.

## Module

DXCTIR

---

<b>DXC051T</b>	<b>Sequential file initialization failed - Not enough sequential files available</b>
----------------	--

## Explanation

ALCS initialization must allocate and open data sets for:

- ALCS diagnostic file
- ALCS database update log

but either:

- A definition is omitted from the sequential file generation,  
or:
- An error occurred during allocate or open of one of the data sets.

### System action

ALCS ends abnormally.

### User response

Check that the ALCS sequential file generation defines sufficient sequential files for system use. Examine any ALCS messages on the MVS console to determine which data set caused the error, and examine it. Ensure that there is sufficient space to allocate sequential files on DASD.

### Module

DXCINTS

---

<b>DXC052T</b>	<b>Can not read seq file configuration table TN-'name' Abend code AC-X'system_completion_code' Reason code RSC-X'reason_code'</b>
----------------	---

### Explanation

An error occurred when ALCS initialization tried to read (MVS LOAD macro) the sequential file configuration table.

### System action

ALCS ends abnormally.

### Problem determination

MVS System Codes lists LOAD system completion and reason codes.

### Module

DXCINTS

---

<b>DXC054I</b>	<b>Seq file SEQN-'name' Dsname DSN-'data_set_name' Volume VS-'volume_serial' allocated</b>
----------------	--

### Explanation

ALCS has allocated and opened a data set for a sequential file. *Name* is the symbolic name of the sequential file. *data\_set\_name* is one of the following:

- The data set name of a physical sequential file data set, up to a maximum of 44 characters.
- The partitioned data set (PDS) name, up to a maximum of 34 characters, followed by the PDS member in the format *pdsname(pdsmem)*.
- The data set name of a general data set, up to a maximum of 34 characters, followed by the absolute generation number in the format *dsname.VnnnnGmm*.

### System action

ALCS continues processing. The sequential file is available.

### Module

DXCINTS, DXCSEQ

---

<b>DXC055I</b>	<b>Seq file SEQN-'name' Dsname DSN-'data_set_name' Volume VS-'volume_serial' deallocated</b>
----------------	--

### Explanation

ALCS has deallocated a data set for a sequential file. *Name* is the symbolic name of the sequential file. *data\_set\_name* is one of the following:

- The data set name of a physical sequential file data set, up to a maximum of 44 characters.
- The partitioned data set (PDS) name, up to a maximum of 34 characters, followed by the PDS member in the format *pdsname(pdsmem)*.
- The data set name of a general data set, up to a maximum of 34 characters, followed by the absolute generation number in the format *dsname.VnnnnGmm*.

### System action

ALCS continues processing.

### Operator response

Following this message, the operator can rename the data set, migrate it, delete it, and so on; and can initiate other jobs or tasks that use the data set.

### Module

DXCSEQ

---

<b>DXC056E</b>	<b>Sequential file SEQN-'name' allocate/open failed - Return code RC-X'return_code'</b>
----------------	---

## Explanation

ALCS was unable to allocate or open a data set for a sequential file. *Name* is the symbolic name of the sequential file. *Return\_code* is 6 hexadecimal digits. The first 2 digits are a type code and the last 4 digits are the return code. The meaning of the return code depends on the type code as follows:

### Type

#### Meaning of Return Code

#### 01

Error return from MVS SVC 99 function (DYNALLOC macro). The return code is the SVC 99 error reason code.

*MVS Authorized Assembler Services Guide* describes these error reason codes.

#### 02

Error return from MVS GETMAIN macro. ALCS was unable to obtain storage for I/O buffers for the data set. The return code is the contents of general register 15 on return from GETMAIN.

*MVS Authorized Assembler Services Guide* describes these return codes.

#### 03

Error return from MVS PGSER macro. ALCS was unable to page fix the I/O buffers for the data set. The return code is the contents of general register 15 on return from PGSER.

*MVS Authorized Assembler Services Guide* describes these return codes.

#### 04

Error return from MVS OPEN macro. ALCS was unable to open the data set. The return code is zero (there is no return code from OPEN).

#### 05

System ABEND. The ALCS subtask that allocates and opens the data sets ended abnormally. The return code is the system completion code.

*MVS System Codes* describes system completion codes.

#### 06

User ABEND. The ALCS subtask that allocates and opens the data sets ended abnormally. The return code is the user completion code. This condition should not occur. If it does, ask your system programmer to inform your IBM programming support representative.

#### 07

ALCS was unable to use this data set as the block size is invalid. The return code is the invalid block size.

## System action

ALCS continues processing. The sequential file is not available.

## Module

DXCINTS, DXCSEQ

---

### DXC070E

**Hiperspace initialization failed - Return code RC-X'*return\_code*' Reason code RSC-X'*reason\_code*'**

## Explanation

During initialization ALCS was unable to create hiperspace.

## System action

ALCS continues with initialization, but cannot use hiperspace.

## Problem determination

See description of DSPSERV in *MVS Authorized Assembler Services Reference* for the meanings of *return\_code* and *reason\_code*.

## Module

DXCHYP

---

### DXC071E

**Hiperspace initialization failed - Not enough storage for control block**

## Explanation

ALCS requires storage for hiperspace initialization. It issues the MVS GETMAIN macro to obtain this storage. There was not enough storage for MVS to satisfy the GETMAIN.

## System action

ALCS continues with initialization, but cannot use hiperspace.

## User response

Increase the storage allocation for the ALCS region.

## Module

DXCHYP

---

### DXC072E

**Dataspace creation failed - DSPNAME-'*dataspace\_name*'**

**Return code RC-X'***return\_code***'**  
**Reason code RSC-X'***reason\_code***'**

## Explanation

Self-explanatory

## System action

ALCS continues, but cannot use the database.

## Problem determination

Refer to the description of DSPSERV in *MVS Authorized Assembler Services Reference* for the meanings of *return\_code* and *reason\_code*.

## Module

DXCHYP

---

<b>DXC073E</b>	<b>ALET Add failed -- DSPNAME-'<i>dataspace_name</i>' Return code RC-X'</b> <i>return_code</i> <b>'</b>
----------------	---

## Explanation

Self-explanatory

## System action

ALCS continues, but cannot use the database.

## Problem determination

Refer to the description of ALESERV in *MVS Authorized Assembler Services Reference* for the meaning of the ALESERV ADD *return\_code*.

## Module

DXCHYP

---

<b>DXC074E</b>	<b>ALET Delete failed – DSPNAME-'<i>dataspace_name</i>' Return code RC-X'</b> <i>return_code</i> <b>'</b>
----------------	---

## Explanation

Self-explanatory

## System action

ALCS continues.

## Problem determination

Refer to the description of ALESERV in *MVS Authorized Assembler Services Reference* for the meaning of the ALESERV DELETE *return\_code*.

## Module

DXCHYP

---

<b>DXC080E</b>	<b>DB2 initialization failed - Not enough storage</b>
----------------	---

## Explanation

During initialization ALCS was unable to obtain the storage required to support DB2 calls.

## System action

ALCS continues with initialization, but cannot use DB2.

## User response

Increase the storage allocation for the ALCS region.

## Module

DXCSQL

---

<b>DXC081E</b>	<b>DB2 CAF entry point load failed - Abend code AC-X'</b> <i>abend_code</i> <b>'</b> <b>Reason code RSC-X'</b> <i>reason_code</i> <b>'</b>
----------------	---

## Explanation

An error occurred when ALCS initialization tried to load (MVS LOAD macro) the entry point DSNALI or DSNALI2 for the DB2 call attach facility (CAF). The *abend\_code* and *reason\_code* are those issued by MVS LOAD.

## System action

ALCS continues with initialization, but cannot use DB2.

## Problem determination

*MVS System Codes* lists LOAD system completion and reason codes.

## Module

DXCSQL

---

<b>DXC090E</b>	<b>APPC/MVS initialization failed - Not enough storage</b>
----------------	--

## Explanation

During initialization ALCS was unable to obtain the storage required to support Advanced Program-to-Program Communications/MVS (APPC/MVS) calls.

## System action

ALCS continues without the APPC/MVS facility.

## User response

Increase the storage allocation for the ALCS region.

## Module

DXCCOLF

---

<b>DXC091E</b>	<b>APPC/MVS initialization failed - Not enough SQA storage</b>
----------------	--

## Explanation

During initialization ALCS was unable to obtain the MVS system queue area ( SQA ) storage required to support Advanced Program-to-Program Communications/MVS (APPC/MVS) calls.

## System action

ALCS continues without the APPC/MVS facility.

## User response

Increase the SQA storage allocation (sub-pool 245).

## Module

DXCCOLF

---

<b>DXC092E</b>	<b>APPC/MVS join failed - Return codes RC1-X'join_return_code' RC2-X'XCF_return_code' RC3-X'XCF_reason_code'</b>
----------------	--

## Explanation

During initialization ALCS was unable to join the XCF group used by Advanced Program-to-Program Communications/MVS (APPC/MVS).

## System action

ALCS continues without the APPC/MVS facility.

## Problem determination

See *MVS Application Development: Authorized Callable Services* for details of the return and reason codes.

## Module

DXCCOLF

---

<b>DXC093W</b>	<b>APPC/MVS identify failed - Return code RC-X'return_code'</b>
----------------	---

## Explanation

During initialization ALCS was unable to identify itself as an Advanced Program-to-Program Communications/MVS (APPC/MVS) scheduler.

## System action

ALCS continues processing normally.

## User response

If APPC/MVS is inactive, start it. Otherwise check your APPCPMxx parmlib member; if this is correct ask your system programmer to inform your IBM programming support representative.

## Problem determination

See *MVS Application Development: Authorized Callable Services* for details of the return code. The most common return codes are:

### X'08'

APPC/MVS has found that the APPCPMxx parmlib member specifies no LU names that are controlled by the transaction scheduler

### X'10'

The scheduler name is already in use by some other address space

### X'2C'

APPC/MVS is not active.

## Module

DXCCOLF

---

<b>DXC103T</b>	<b>Invalid system configuration table TN-table_name</b>
----------------	---

## Explanation

During initialization, the system configuration table *table\_name* has been loaded, but it is not in the correct format.

## System action

ALCS ends abnormally.

## User response

Check that the system configuration table is correctly generated and that the correct table name is specified.

## Module

DXCINT

---

**DXC104T**      **Initialization failed - Available storage NR-'valueK' minimum required NR2-'valueK'**

## Explanation

ALCS does not have enough storage to page fix the storage that needs to be page fixed.

## System action

ALCS ends abnormally.

## User response

Increase the storage allocation for the region. If your VFA buffers are above the bar then enough virtual and real storage must be available. (See the description of the SCTGEN macro AMODE64 parameter in *ALCS Installation and Customization*). You must define the z/OS MEMLIMIT for ALCS. The default of MEMLIMIT is 0, which means no storage above the bar can be allocated.

## Module

DXCINT

---

**DXC106T**      **Initialization failed - Return code RC-'return\_code' from user initialization routine**

## Explanation

The user-written installation-wide initialization exit routine, USRINIT, returned a non-zero value in general register 15 (the return code). *Return\_code* is the value (decimal) that USRINIT returned in general register 15. ALCS initialization treats any non-zero return code as a terminating error.

## System action

ALCS ends abnormally.

## Problem determination

Refer to user-written documentation about the user-written initialization exit routine for information about the meaning of the return code.

## Module

DXCINT

---

**DXC107T**      **Can not read system configuration table TN-'table\_name' - Abend code AC-X'abend\_code' Reason code RSC-X'reason\_code'**

## Explanation

An error occurred when ALCS initialization tried to read (MVS LOAD macro) the system configuration table *table\_name*.

## System action

ALCS ends abnormally.

## Problem determination

*MVS System Codes* lists LOAD system completion and reason codes.

## Module

DXCINT

---

**DXC108T**      **Initialization failed - Parameter format invalid**

## Explanation

The format of the ALCS parameters is invalid, for example:

There are too many parameters  
One or more parameters exceed 8 characters  
The character that separates the parameters is not a comma.

The parameter\_name parameter of the job control EXEC statement specifies the ALCS parameters.

## System action

ALCS ends abnormally.

## Module

DXCINT

---

**DXC109T**      **Initialization failed - Invalid TCB count parameter**

## Explanation

The task control block (TCB) count(s) in the ALCS parameters is or are invalid. The TCB count(s) must be in the format *nnn* or *nnn-mmm*, and must have a value

in the range 1 through 32, whereby *nnn* is less than or equal to *mmm*. The `parameter_name` parameter of the job control EXEC statement specifies the ALCS parameters.

### System action

ALCS ends abnormally.

### Module

DXCINT

---

<b>DXC110R</b>	<b>Standby state - Reply with required system state (RESTORE, IDLE, CRAS, MESW, or NORM) or CANCEL</b>
----------------	--

### Explanation

The ALCS system is in standby state. ALCS allows more than one ALCS job to start. One of these is the prime (also called active) ALCS. The other ALCSs are alternate (also called standby) ALCSs. The prime ALCS processes transactions.

Alternate ALCSs wait (MVS long wait) until the prime ALCS terminates. When the prime ALCS terminates, one of the alternate ALCSs can take over. That ALCS then becomes the prime.

All ALCSs (prime and alternate) issue this message. Reply to only one of them; that ALCS then becomes the prime. It completes initialization and starts to process transactions. Do not reply to any other at this time; the remaining ALCSs are alternates.

If the prime terminates then reply to message number DXC110R for one of the alternate ALCSs; that ALCS then becomes the prime.

*ALCS Operation and Maintenance* describes prime and alternate ALCSs and standby state in more detail.

### System action

ALCS waits for a reply to the message.

### Operator response

If this message is for an alternate ALCS, then *do not reply* until the prime ALCS terminates. Otherwise reply with one of:

#### IDLE or I

ALCS completes initialization and proceeds directly to IDLE state.

#### CRAS or C

ALCS completes initialization and proceeds directly to CRAS state.

#### MESW or M

ALCS completes initialization and proceeds directly to MESW state.

#### NORM or N

ALCS completes initialization and proceeds directly to NORM state. ALCS accepts U as a synonym for this reply.

#### RESTORE or R

ALCS completes initialization and proceeds to IDLE state. Long Term pool records are dispensed from PDAR first.

#### CANCEL

ALCS terminates immediately. It does not complete initialization.

*ALCS Operation and Maintenance* describes the ALCS system states: IDLE, CRAS, MESW, and NORM .

### Module

DXCINT

---

<b>DXC111I</b>	<b>Cancel request accepted</b>
----------------	--------------------------------

### Explanation

The operator reply to message number DXC110R was CANCEL.

### System action

ALCS terminates immediately. It does not complete initialization.

### Module

DXCINT

---

<b>DXC112R</b>	<b>Can not obtain exclusive control for database - Reply U to proceed</b>
----------------	---

### Explanation

The operator replied to message number DXC110R, but ALCS detected that another ALCS is using the database. This can be because, for example:

The reply to message number DXC110R was a mistake. The other (prime) ALCS is correctly processing transactions.

The reply to message number DXC110R was correct. The other ALCS is no longer processing transactions but cannot terminate correctly.

*ALCS Operation and Maintenance* describes prime and alternate ALCSs.

## System action

ALCS waits for a reply to the message.

## Operator response

If the reply to message number DXC110R was a mistake, then *do not reply U*. Instead, reply N (actually, any reply other than U will do). ALCS returns to standby; that is, it reissues message number DXC110R.

If the reply to message number DXC110R was correct, then reply U. ALCS completes initialization and proceeds directly to the requested state (the reply to message number DXC110R).

**Attention** an incorrect reply U to this message can cause database corruption.

## Module

DXCINT

---

**DXC113E**            **Reply invalid - Ignored**

## Explanation

The operator reply to message number DXC110R was invalid.

## System action

ALCS ignores the reply and reissues message number DXC110R.

## User response

Respond to DXC110R with one of:

### **IDLE or I**

ALCS completes initialization and proceeds directly to IDLE state.

### **CRAS or C**

ALCS completes initialization and proceeds directly to CRAS state.

### **MESW or M**

ALCS completes initialization and proceeds directly to MESW state.

### **RESTORE or R**

ALCS completes initialization then continues to IDLE state. Long term pool records will be dispensed from PDAR first.

### **NORM or N**

ALCS completes initialization and proceeds directly to NORM state. ALCS accepts U as a synonym for this reply.

## **CANCEL**

ALCS terminates immediately. It does not complete initialization.

## Module

DXCINT

---

**DXC114I**            **Initialization complete**

## Explanation

ALCS initialization is complete.

## System action

ALCS proceeds to the requested system state (the reply to message number DXC110R) and starts to process transactions.

## Module

DXCINT

---

**DXC115T**            **Initialization failed -- Database already in use by another ALCS system**

## Explanation

You have attempted to start an ALCS system but one or more of the data sets you require is already in use by another ALCS system.

## System action

ALCS ends abnormally.

## User response

Identify the ALCS system which is using your data sets, and if necessary terminate that system before retrying your own.

## Module

DXCINT

---

**DXC116D**            **Can not obtain exclusive control for database - ALCS takeover is now waiting - Reply C to cancel takeover**

## Explanation

The alternate ALCS is enabled for automatic system takeover. It continues to check the status of the ALCS database every second until the prime ALCS

terminates. When the prime ALCS terminates, this alternate ALCS can take over immediately.

*ALCS Operation and Maintenance* describes prime and alternate ALCSs and standby state in more detail.

Only reply to this message if you want to cancel the alternate ALCS job. System action: The alternate ALCS checks the status of the ALCS database every second. When the prime ALCS terminates, the alternate ALCS automatically commences state change to the required system state and the outstanding reply is deleted.

### Operator response

Only reply if the alternate ALCS must be cancelled.

### Module

DXCINT

---

**DXC117T**      **Initialization failed - Another ALCS takeover is waiting**

### Explanation

Only one alternate ALCS enabled for automatic system takeover is allowed.

### System action

ALCS ends abnormally.

### Module

DXCINT

---

**DXC120I**      **Log on OK**

### Explanation

You have successfully logged on to ALCS.

---

**DXC121I**      **Log on OK - Password changed**

### Explanation

You have successfully logged on to ALCS and changed your password.

---

**DXC122E**      **You must enter your new password twice**

### Explanation

You attempted to change your logon password, but you only provided one copy of the new password.

### User response

Retry with two copies of the new password.

---

**DXC123E**      **New password copies differ**

### Explanation

You attempted to change your logon password, but the two copies of the new password are not the same.

### User response

Retry with two *identical* copies of the new password.

---

**DXC124E**      **Access denied - Unable to verify**

### Explanation

You attempted to log on to ALCS, but ALCS cannot determine whether or not you are authorized to log on.

### User response

Contact the person in your organization who has responsibility for allocating user IDs and so on. This person may be called your security coordinator, your system programmer, or may have some other title.

---

**DXC125E**      **Access denied - ALCS error**

### Explanation

There is an error in the ALCS logon processing.

### User response

This should not occur. If it does, ask your system programmer to contact your IBM programming service representative.

---

**DXC126E**      **Your password has expired - You must change it now**

### Explanation

You attempted to log on to ALCS, but your password is expired.

### User response

You must change your password before you can complete this logon. To do so, you must supply your user ID, your existing password, and two copies of your new password. The way you do this depends on the type of terminal equipment you are using.

---

**DXC127E**      **New password invalid - Try again**

## Explanation

You attempted to change your password, but the new password that you provided is invalid.

## User response

Retry with a different new password. If the problem persists, check the rules that your installation imposes on the selection of passwords. To do this, you may need to contact the person in your organization who has responsibility for allocating user IDs and so on. This person may be called your security coordinator, your system programmer, or may have some other title.

---

**DXC128E**                    **Access denied - User revoked**

## Explanation

You attempted to log on to ALCS, but the user ID you supplied has been revoked.

## User response

If you believe you should be authorized to access the system, then contact the person in your organization who has responsibility for allocating user IDs and so on. This person may be called your security coordinator, your system programmer, or may have some other title.

---

**DXC129E**                    **Access denied to this ALCS**

## Explanation

You attempted to log on to ALCS, but the user ID you supplied is not authorized to access this ALCS system (it may be authorized to access other facilities).

## User response

If you believe you should be authorized to access the system, then contact the person in your organization who has responsibility for allocating user IDs and so on. This person may be called your security coordinator, your system programmer, or may have some other title.

---

**DXC130E**                    **Access denied**

## Explanation

You attempted to log on to ALCS, but the user ID and password you supplied do not authorize you to access the system.

## User response

It is possible that you entered your user ID or password incorrectly. Retry the logon, taking care to enter your user ID and password correctly.

If the problem persists, and you believe you should be authorized to access the system, then contact the person in your organization who has responsibility for allocating user IDs and so on. This person may be called your security coordinator, your system programmer, or may have some other title.

---

**DXC131R**                    **Please enter your logon details:**

## Explanation

This message is part of the ALCS logon prompt display for IBM 3270 and compatible terminals.

## User response

Complete the user-ID field (unless it already shows your user ID) and the password field and press Enter. Alternatively (to terminate the SNA session with ALCS) press PF3 or Enter 'LOGOFF' in the user-ID field and press Enter.

---

**DXC132R**                    **To change your password, enter your new password twice:**

## Explanation

This message is part of the ALCS logon prompt display for IBM 3270 and compatible terminals.

## User response

If you want to change your password, enter the new password in both the new-password input fields and press Enter. Alternatively (to leave your password unchanged) do not enter anything in either of the new-password input fields.

---

**DXC133E**                    **You must supply your user ID and password**

## Explanation

You press Enter at the ALCS logon prompt display without first completing the user-ID and password input fields.

## User response

Complete the user-ID field and the password field and press Enter. Alternatively (to terminate the SNA session with ALCS) press PF3 or Enter 'LOGOFF' in the user-ID field and press Enter.

---

**DXC134E      You must supply your password**

---

**Explanation**

You press Enter at the ALCS logon prompt display without first completing the password input field.

**User response**

Complete the password field and press Enter. Alternatively (to terminate the SNA session with ALCS) press PF3 or Enter 'LOGOFF' in the user-ID field and press Enter.

---

**DXC135I      Log on OK - PWE-'pwe' days to password expiry**

---

**Explanation**

You have successfully logged-on to ALCS. The password you used will expire in *pwe* days.

---

**DXC136E      Access denied to CT-'cras\_type' CRAS**

---

**Explanation**

You attempted to log on to an ALCS CRAS, but the user ID you supplied is not authorized to use this CRAS (it may be authorized to use other terminals).

**User response**

If you believe you should be authorized to use this CRAS, then contact the person in your organization who has responsibility for allocating user IDs and so on. This person may be called your security coordinator, your system programmer, or may have some other title.

---

**DXC137E      Unable to access ALCSAUTH profiles - Return code RC-X'rc' Reason code RSC-X'rsn'**

---

**Explanation**

ALCS was unable to access the profiles in the ALCSAUTH class.

**System action**

ALCS will not check authority to access the resources that these profiles protect. In general this means that ALCS will allow access to the resources.

**System programmer response**

Ensure that your external security manager (for example, RACF®) is active. If you intend to protect

resources with profiles in the ALCSAUTH class, ensure that the ALCSAUTH class is defined and active.

**Problem determination**

The RACF return code (*rc*) and RACF reason code (*rsn*) are the values returned by the RACROUTE REQUEST=LIST macro. See *External Security Interface (RACF) Macro Reference*.

---

**DXC138E      RACF Callable Services entry point load failed - Abend code AC - x'abend\_code' and Reason code RSC - x'reason\_code**

---

**Explanation**

During initialization, an error occurred when ALCS tried to load (MVS LOAD macro) the ESM callable services entry point - IRRSEQ00 for GSAFC macro calls. The abend code and reason code are issued by MVS LOAD.

**System action**

ALCS continues with initialization, but any GSAFC macro call will fail with a cti-000156.

**System programmer response**

MVS System Codes lists LOAD abend and reason codes.

**Module:**  
DXCSAF

---

**DXC140E      ENF initialization failed - Not enough SQA storage**

---

**Explanation**

During initialization, ALCS was unable to obtain the storage required for the MVS event notification facility. ALCS uses the MVS event notification facility to support its PDU facility.

**System action**

ALCS continues with initialization but cannot use the MVS event notification facility.

**System programmer response**

Allocate more storage to the ALCS job or started task.

**Module**  
DXCENF

---

**DXC141E      Invalid ENF event code *number***

---

## Explanation

ALCS detected an invalid event code in its user exit for the MVS event notification facility. ALCS uses the MVS event notification facility to support its PDU facility.

## System action

ALCS ignores the event completion.

## System programmer response

Contact your IBM programming representative.

## Module

DXCENF

---

<b>DXC162T</b>	<b>DASD initialization failed - Not enough storage</b>
----------------	--

## Explanation

ALCS requires storage temporarily during DASD initialization. It issues the MVS GETMAIN macro to obtain this storage. There was not enough storage for MVS to satisfy the GETMAIN.

## System action

ALCS ends abnormally.

## User response

Increase the storage allocation for the region.

## Module

DXCINTD

---

<b>DXC160W</b>	<b>CDS copy 1 and copy 2 do not match - Using most recent copy c</b>
----------------	--

## Explanation

This message occurs when ALCS reads the DASD configuration data set during restart, and one copy of the data set is more recent than the other.

This is not necessarily an error. It can indicate that one copy of the configuration data set was offline when ZDASD LOAD/CONFIRM/COMMIT was done and ALCS was restarted without varying the other copy online.

## System action

ALCS closes the older copy of the configuration data set and continues processing normally.

## Operator response

Use ZDASD VARY ,ONLINE to make the other copy of the configuration data set available to ALCS if required.

## Module

DXCINTT

---

<b>DXC161W</b>	<b>DASD table name on startup parameters TN1- 'name1' does not match name in CDS TN2- 'name2'</b>
----------------	---

## Explanation

This message occurs when ALCS reads the DASD configuration data set during restart, and the DASD table name in the configuration data set does not match the DASD table name specified on the ALCS startup parameters.

This is not necessarily an error. For example, it may reflect your normal operating procedure for running ALCS test systems.

If you specify an old version of the DASD table on the ALCS job it can have the following effects:

- If the database has been expanded, ALCS will have to allocate some data sets after STANDBY state which can slow down restart.
- If general files have been deleted or renamed later then ALCS will not apply these changes.
- If extended configuration data sets CDS1 and CDS2 have been added later then ALCS will not use them.

## System action

ALCS uses the information in the configuration data set and continues processing normally.

## Operator response

Update the ALCS job to specify the most recent DASD table name if required.

## Module

DXCINTT

---

<b>DXC163T</b>	<b>Can not read DASD configuration table TN-'name' - Abend code AC-X'system_completion_code' Reason code RSC-X'reason_code'</b>
----------------	---

## Explanation

ALCS was unable to load the DASD configuration module *name*, the MVS LOAD request for this load module failed.

## System action

ALCS ends abnormally.

## Problem determination

*MVS System Codes* lists LOAD abend and reason codes.

## Module

DXCINTD

---

<b>DXC164T</b>	<b>Can not continue - Not enough data sets available for database</b>
----------------	---

## Explanation

ALCS could not access any copy of one or more database data sets. ALCS requires at least one copy of each database data set. If the database is duplicated, there are two copies of each database data set; at least one copy of each must be available. If the database is not duplicated there is only one copy of each database data set, so every data set must be available.

## System action

ALCS ends abnormally.

## User response

Check why the datasets are not available, correct the error, and restart ALCS.

## Module

DXCINTD

---

<b>DXC165W</b>	<b>DYNALLOC (A) Return code 0 Error code EC-X'error_code' DSN-'data_set_name'</b>
----------------	---

## Explanation

An **attention** condition occurred when ALCS attempted to allocate a database data set using the MVS DYNALLOC (SVC 99), dsname allocation function. ALCS was able to allocate the data set. *Error\_code* is the information reason code from DYNALLOC.

## System action

ALCS processing continues. The data set is available to ALCS.

## Problem determination

*MVS Authorized Assembler Services Guide* lists DYNALLOC (SVC 99) information reason codes.

## Module

DXCINTD, DXCDAI

---

<b>DXC166E</b>	<b>FN-'function' Return code RC-X'return_code' EC-X'error_code' DSN-'data_set_name'</b>
----------------	---

## Explanation

An error occurred when ALCS attempted to allocate the database data set *data\_set\_name*. ALCS was not able to allocate the data set.

*Function* is the function that detected the error, one of:

### CATALOG QUERY

MVS partitioned data set extended ( PDSE ) serialization protocol interlock, catalog query function. See the associated IGWnnnn message in the MVS console.

### CATLG CONNECT

MVS media manager services (MMSERV) connect for the data set.

*Return\_code* is the return code from MMSERV connect. *Error\_code* is 0. Usually there is an associated message giving more details. For example, messages from the resource access control facility ( RACF ) for unauthorized access to the data set.

### CI SIZE CHECK

ALCS checks the control interval size against the control interval sizes that the ALCS generation specifies.

*Return\_code* is 8, indicates that the control interval size does not match the control interval size specified in the generation. *Error\_code* is the actual control interval size.

### DASD CB BUILD

MVS MMINIT macro (media manager INIT function).

*Return\_code* is the return code from MMINIT. *Error\_code* is 0.

### DASD CB FIX

MVS PGSER macro to page fix storage for ALCS control blocks associated with the data set.

*Return\_code* is the return code from PGSER.  
*Error\_code* is 0.

#### **DASD CB OBTAIN**

MVS GETMAIN macro to obtain storage for ALCS control blocks associated with the data set.

*Return\_code* is the return code from GETMAIN.  
*Error\_code* is 0.

#### **DEVTYPE**

MVS DFP DEVTYPE macro.

*Return\_code* is the DEVTYPE return code.

#### **DS EXTENT CHECK**

ALCS checks that the data set is a single extent data set.

*Return\_code* is 4 indicates a multiple extent data set.

#### **DS SIZE CHECK**

ALCS checks the number of records against the number that the ALCS DASD generation specifies.

*Return\_code* is 4, indicates that the number of records in the data set is less than the number that the generation specifies. *Error\_code* is 0.

#### **DYNALLOC (A)**

MVS DYNALLOC macro (SVC 99), dsname allocation function.

*Return\_code* is the return code from DYNALLOC.  
*Error\_code* is the error reason code from DYNALLOC.

#### **GETMAIN ERROR**

MVS GETMAIN macro and PGSER macro to obtain and page fix buffer storage for copying records from one data set copy to another.

MVS could not satisfy these requests. *Return\_code* is a reason code associated with the error.  
*Error\_code* is a system completion code that identifies the error.

#### **VTOC SEARCH**

MVS CVAFDIR macro to search the volume table of contents (VTOC) for the data set.

*Return\_code* is the return code from CVAFDIR.  
*Error\_code* is the CVSTAT code from CVAFDIR.

### **System action**

ALCS processing continues. The data set is not available to ALCS.

### **Problem determination**

*MVS Authorized Assembler Services Guide* lists DYNALLOC (SVC 99) error reason codes and return codes from GETMAIN, and PGSER.

*MVS/DFP: System Programming Reference* lists CVAFDIR return codes and CVSTAT codes. *MVS/DFP Media Manager Diagnosis Guide and Reference* contains information about media manager and media manager services. *MVS System Codes* lists system completion codes and associated reason codes.

### **Module**

DXCINTD, DXCDAI

---

**DXC167I** Data set DSN-'data\_set\_name' allocated

### **Explanation**

ALCS successfully allocated the data set.

### **System action**

ALCS processing continues. The data set is available to ALCS.

### **Module**

DXCINTD, DXCDAI

---

**DXC168I** Data set DSN-'data\_set\_name' copy complete

### **Explanation**

ALCS successfully copied all records to this database data set.

### **System action**

ALCS processing continues. The data set is available to ALCS.

### **Module**

DXCDAI

---

**DXC169E** Data set DSN-'data\_set\_name' copy failed

### **Explanation**

ALCS was unable to copy records from this database data set.

Probably caused by a hardware error. You will receive this message if you vary off a data set which is still in the process of being copied up following a vary on. In this case you can ignore this message.

## System action

ALCS deallocates the data set, then it continues processing. The data set is not available to ALCS.

## User response

Try again with a new data set, and get the unit serviced. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Problem determination

Normally preceded by another message, usually an I/O error message. Act as appropriate for this preceding message.

## Module

DXCDAI

---

<b>DXC170T</b>	<b>Can not read either copy of control record</b>
----------------	---

## Explanation

ALCS could not access any copy of the data set control record. ALCS uses the first record of the first size L3 data set to record which data sets are online and which are off line. If the database is duplicated, there are two copies of the control record; at least one copy must be available. If the database is not duplicated, there is only one copy of the control record; it must be available.

## System action

ALCS issues message number DXC164T, and then terminates abnormally.

## User response

Check why the datasets are not available, correct the error, and restart ALCS.

## Module

DXCINTD

---

<b>DXC171W</b>	<b>PDAR dispensing stopped for LT L'n' - '<i>stopping reason</i>'</b>
----------------	---

## Explanation

ALCS detected a reason to stop dispensing long term pool record size *n* from the PDAR structure.

## System action

Pool record size *n* dispensing proceeds with the ALCS standard mechanism. The PDAR structure is ignored.

## User response

This is a normal message if the PDAR reserved records are exhausted. For any other reason the cause must be investigated and the PDAR structure must be re-created.

## Module

DXCGFR

---

<b>DXC172E</b>	<b>GETMAIN error - Can not obtain work block for DASD termination</b>
----------------	---

## Explanation

ALCS requires storage temporarily during DASD termination. It issues the MVS GETMAIN macro to obtain this storage. There was not enough storage for MVS to satisfy the GETMAIN.

## System action

ALCS proceeds with job termination.

## User response

The user can usually safely ignore this message. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Module

DXCTRMD

---

<b>DXC173I</b>	<b>PDAR dispensing started for LT L'n'</b>
----------------	--

## Explanation

ALCS detected the restore state parameter at initialization and started dispensing long term pool record size *n* from the PDAR structure.

## System action

Pool record size *n* is dispensed from the PDAR structure.

## Module

DXCINTG

---

<b>DXC174E</b>	<b>PDAR initialization failed for LT L'n' - '<i>failing reason</i>'</b>
----------------	---

## Explanation

ALCS detected the restore state parameter at initialization but failed to start dispensing long term pool record size *n* from the PDAR structure.

## System action

Pool record size *n* dispensing proceeds with the ALCS standard mechanism. The PDAR structure is ignored.

## User response

The cause must be investigated and the PDAR structure must be re-created.

## Module

DXCINTG

---

<b>DXC175W</b>	<b>DYNALLOC (U) Return code 0 Error code EC-X'<i>error_code</i>' DSN-'<i>data_set_name</i>'</b>
----------------	---

## Explanation

An **attention** condition occurred when ALCS attempted to deallocate a database data set using the MVS DYNALLOC (SVC 99), dsname deallocation function. ALCS was able to deallocate the data set. *Error\_code* is the information reason code from DYNALLOC.

## System action

ALCS processing continues. The data set is not available to ALCS.

## Problem determination

*MVS Authorized Assembler Services Guide* lists DYNALLOC (SVC 99) information reason codes.

## Module

DXCINTD, DXCDAI, DXCTRM

---

<b>DXC176E</b>	<b>FN-'<i>function</i>' Return code RC- X'<i>return_code</i>' EC-X'<i>error_code</i>' DSN-'<i>data_set_name</i>'</b>
----------------	--

## Explanation

An error occurred when ALCS attempted to deallocate the database data set *data\_set\_name*. ALCS was not able to deallocate the data set.

*Function* is the function that detected the error, one of:

## DYNALLOC (U)

MVS DYNALLOC macro (SVC 99), dynamic deallocate function.

*Return\_code* is the return code from DYNALLOC. *Error\_code* is the error reason code from DYNALLOC.

## CATLG DISCONNECT

MVS media manager services (MMSERV) disconnect for the data set.

*Return\_code* is the return code from MMSERV disconnect. *Error\_code* is 0. Usually there is an associated message giving more details.

## INVALID ADSD

An ALCS control block associated with the data set is corrupted.

*Return\_code* is 16. *Error\_code* is 0.

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## System action

ALCS processing continues. ALCS cannot determine the data set status, it does not use the data set.

## Problem determination

*MVS Authorized Assembler Services Guide* lists DYNALLOC (SVC 99) error reason codes.

*MVS/DFP Media Manager Diagnosis Guide and Reference* contains information about media manager services.

## Module

DXCINTD, DXCDAI, DXCTRM

---

<b>DXC177I</b>	<b>Data set DSN-'<i>data_set_name</i>' deallocated</b>
----------------	--

## Explanation

ALCS successfully deallocated the data set.

## System action

ALCS processing continues. The data set is no longer available to ALCS.

## Module

DXCINTD, DXCDAI

---

**DXC179T**      **Test data set FN-'PUT' Return code RC-'return\_code' Reason code RC-'reason\_code'**

### Explanation

An error occurred when ALCS was writing to the test data set. *Return\_code* and *reason\_code* are the return code and reason code from the VSAM PUT macro.

### System action

ALCS ends abnormally.

### Problem determination

*MVS/DFP: Macro Instructions for Data Sets* lists VSAM macro return codes and reason codes.

### Module

DXCTDB

---

**DXC180T**      **Initialization failed - Test data set FN-'function' Return code RC-'return\_code' Reason code RSC-'X'reason\_code'**

### Explanation

An error occurred when ALCS was preparing to use the test data set. ALCS uses the test data set when the *parameter\_name* parameter of the job control EXEC statement specifies TEST. In this case, the job control statements that initiate ALCS must include a DD statement for the test data set. The DDNAME is DXCTEST. *Function* is the function that detected the error, one of:

#### VSAM OPEN

The VSAM OPEN macro completed with a return code greater than 4.

*Return\_code* is the return code from OPEN.

*Reason\_code* is the reason code from OPEN.

#### DATA-SET CHECK

Following OPEN, ALCS detected that the test data set characteristics are invalid.

*Return\_code* is 8.

*Reason\_code* is one of:

**04**

The key displacement is not 4.

**08**

The key length is not 4.

**0C**

The maximum logical record length is less than the largest ALCS control interval ( CI ) size.

#### INITIAL PUT

Following OPEN, ALCS detected that the test data set was empty. To allow direct access to the data set, ALCS writes (VSAM PUT macro) a single record that is eight bytes of binary zeros. This PUT completed with a non-zero return code.

*Return\_code* is the return code from PUT.

*Reason\_code* is the reason code from PUT. This is not meaningful when *return\_code* is 4.

#### SIGNATURE GET

Following OPEN, ALCS attempted to read a signature record from the test data set to check that the test data set is at a compatible level. The VSAM GET failed.

*Return\_code* is the return code from VSAM GET.

*Reason\_code* is the reason code from VSAM GET.

#### SIGNATURE CHECK

ALCS determined that the test data set is incompatible with the current version of ALCS.

*Return\_code* is 8.

*Reason\_code* is one of:

**04**

The signature record length is incorrect.

**08**

The ALCS version/release/modification level in the signature record is not compatible with the current ALCS.

### System action

ALCS ends abnormally.

### Problem determination

*MVS/DFP: Macro Instructions for Data Sets* lists VSAM macro return codes and reason codes.

### Module

DXCTDB

---

**DXC181E**      **Test data set FN-'function' Return code RC-'return\_code' Reason code RSC-'X'reason\_code'**

### Explanation

An error occurred when ALCS was accessing the test data set. *Function* is the name of the VSAM macro (GET or PUT) that detected the error. *Return\_code* is

the return code from the macro. *Reason\_code* is the reason code from the macro.

### System action

ALCS processing continues as for an uncorrectable I/O error.

### Problem determination

*MVS/DFP: Macro Instructions for Data Sets* lists VSAM macro return codes and reason codes.

### Module

DXCTDB

---

<b>DXC182W</b>	<b>Test data set FN-'function' Return code RC-'return_code' Reason code RSC-'X'reason_code'</b>
----------------	---

### Explanation

A severity 4 (**Attention**) error condition occurred when ALCS was accessing the test data set. *Function* is one of:

#### VSAM OPEN

The VSAM OPEN macro completed with a return code of 4.

*Return\_code* is the return code from OPEN (4).

*Reason\_code* is the reason code from OPEN.

#### VSAM CLOSE

The VSAM CLOSE macro completed with a non-zero return code.

*Return\_code* is the return code from CLOSE.

*Reason\_code* is the reason code from CLOSE.

### System action

ALCS ignores the error condition and continues processing.

### Problem determination

*MVS/DFP: Macro Instructions for Data Sets* lists VSAM macro return codes and reason codes.

### Module

DXCTDB

---

<b>DXC183I</b>	<b>Configuration data set initialized</b>
----------------	---

### Explanation

This message occurs immediately after allocating a new configuration data set as part of the migration to ALCS V2.4.1. It copies the initial data from the configuration tables to the configuration data set. This message should only occur once during the lifetime of the configuration data set.

### System action

ALCS continues processing normally.

### Operator response

If this message occurs frequently, inform your system programmer.

### Module

DXCINTT

---

<b>DXC184T</b>	<b>Configuration data set cannot be accessed</b>
----------------	--

### Explanation

The configuration data set is corrupted or unavailable. If an offset value is given, the error was detected in module DXCINTT at the stated offset. If the offset value is zero the error was detected in module DXCINTD and could indicate that you are running with a test data set and both configuration data sets need preformatting.

### System action

ALCS ends abnormally.

### Operator response

Check that at least one configuration data set is allocated. If it is newly allocated ensure that the first time it is used you are not using a test data set. If an offset value is given, the configuration data set is probably corrupted and you should consider restoring it from a previous backup. If the problem persists contact your IBM programming support representative.

### Module

DXCINTD, DXCINTT

---

<b>DXC185I</b>	<b>Data set DSN-'data_set_name' Preformat started</b>
----------------	---

## Explanation

This message provides information on an ALCS process. The Operator does not need to respond to the message. The process may take several minutes for a large data set.

## System action

ALCS continues processing normally.

## Module

DXCINTD

---

<b>DXC186I</b>	<b>Data set DSN-'data_set_name' Preformat complete</b>
----------------	--

## Explanation

This message provides information on an ALCS process. The Operator does not need to respond to the message.

## System action

ALCS continues processing normally.

## Module

DXCINTD, DXCDAV

---

<b>DXC187T</b>	<b>No memory available for DASD tables -- DXCINTT offset <i>nnnn</i></b>
----------------	--

## Explanation

There is not enough memory allocated to ALCS for the DASD tables.

## System action

ALCS ends abnormally.

## System programmer response

Check that you have coded the SCTGEN macro correctly. If you have then you should liaise with your MVS System Programmer to obtain more memory before starting ALCS again.

## Module

DXCINTD

---

<b>DXC188W</b>	<b>Invalid item ignored in DASD config - Action data X'<i>action</i>'</b>
----------------	---

## Explanation

There is a problem with some information in the DASD tables.

## System action

This message is sent to the MVS log. ALCS ignores the error and continues to create the DASD tables.

## Module

DXCINTT

---

<b>DXC189T</b>	<b>Configuration data set cannot be initialized -- not initial config</b>
----------------	---

## Explanation

Self-explanatory.

## System programmer response

Rerun the job using a new configuration.

## Module

DXCINTT

---

<b>DXC190W</b>	<b>Can not determine 3270 display size for CRN-'crn' Return code RC- X'<i>rr</i>' FDBK2 FB2-X'<i>ff</i>'</b>
----------------	--

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM after issuing a Send request to find out the display size for a VTAM terminal with CRN *crn*.

*rr*

VTAM return code

*ff*

VTAM feedback 2 code

## System action

ALCS uses a default display size of 24 rows x 80 columns for this terminal.

## Operator response

Ask your network operator to investigate the relevant terminal for possible malfunction.

## Problem determination

VTAM Programming and VTAM Reference Summary for the installed version and release of VTAM describe these return codes and feedback 2 codes.

### Module

DXCCOM3

---

<b>DXC191E</b>	<b>NetView user ID CRN-<i>crn</i> not authorized- Entry cannot be processed</b>
----------------	---

### Explanation

During ALCS communication table build, an add or replace request in the communication generation specified a Tivoli® NetView communication resource user ID that is not authorized.

### System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

### System programmer response

Ensure that your external security manager (for example, RACF) is active, and ensure that the default user ID is defined in the USER class. If you have an application profile for ALCS defined in the APPL class, ensure that the default user ID has READ access to the profile. If you have a NOLOG profile defined in the ALCSAUTH class, ensure that the default user ID has READ access to the profile. If the resource is a CRAS, and if you have a corresponding CRAS profile defined in the ALCSAUTH class, ensure that the default user ID has READ access to the profile.

### Module

DXCCOMU

---

<b>DXC192T</b>	<b>Can not read communication load list MODN-'<i>name</i>' Abend code AC-<i>X'</i>abend_code' Reason code RSC-<i>X'</i>reason_code'</b>
----------------	---

### Explanation

An error occurred when ALCS tried to read (MVS LOAD macro) the *name* communication load list.

### System action

ALCS ends abnormally.

## Problem determination

MVS System Codes lists LOAD system completion and reason codes.

### Module

DXCINTC, DXCOCTM

---

<b>DXC193T</b>	<b>Invalid communication load list MODN-'<i>name</i>'</b>
----------------	---

### Explanation

During ALCS communication table build, the *name* communication load list has been loaded but it is not in the correct format for a communication load list.

### System action

ALCS ends abnormally.

## Problem determination

Check that the communication load list is correctly generated and that the correct load list name is specified.

### Module

DXCINTC, DXCOCTM

---

<b>DXC194E</b>	<b>Resource CRN- '<i>crn</i>' default user ID table full - Entry cannot be processed</b>
----------------	--

### Explanation

During ALCS communication table build, an add or replace request in the communication generation specified a default user ID that ALCS could not process because the default user-ID table is full. The default user-ID table can hold up to 255 different default user-IDs.

### System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

### System programmer response

Review your use of default user IDs. ALCS supports a maximum of 255 different default user IDs.

### Module

DXCCOMU

---

**DXC195E**      **Resource CRN- 'crn' default user ID table full - Reset to force logon**

### Explanation

During ALCS communication table build, an add or replace request in the communication generation specified a default user ID that ALCS could not process because the default user-ID table is full. The default user-ID table can hold up to 255 different default user IDs.

### System action

The communication table entry for this resource is reset to show that the end-user must log on before they can use the resource.

### System programmer response

Review your use of default user IDs. ALCS supports a maximum of 255 different default user IDs.

### Module

DXCCOMU

---

**DXC196E**      **Resource CRN- 'crn' default user ID not authorized - Entry cannot be processed**

### Explanation

During ALCS communication table build, an add or replace request in the communication generation specified a default user ID that is not authorized.

### System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

### System programmer response

Ensure that your external security manager (for example, RACF) is active, and ensure that the default user ID is defined in the USER class. If you have an application profile for ALCS defined in the APPL class, ensure that the default user ID has READ access to the profile. If you have a NOLOG profile defined in the ALCSAUTH class, ensure that the default user ID has READ access to the profile. If the resource is a CRAS, and if you have a corresponding CRAS profile defined in the ALCSAUTH class, ensure that the default user ID has READ access to the profile.

### Module

DXCCOMU

---

**DXC197E**      **Resource CRN- 'crn' default user ID not authorized - Reset to force logon**

### Explanation

During ALCS communication table build, an add or replace request in the communication generation specified a default user ID that is not authorized.

### System action

The communication table entry for this resource is reset to show that the end-user must log on before they can use the resource.

### System programmer response

Ensure that your external security manager (for example, RACF) is active, and ensure that the default user ID is defined in the USER class. If you have an application profile for ALCS defined in the APPL class, ensure that the default user ID has READ access to the profile. If you have a NOLOG profile defined in the ALCSAUTH class, ensure that the default user ID has READ access to the profile. If the resource is a CRAS, and if you have a corresponding CRAS profile defined in the ALCSAUTH class, ensure that the default user ID has READ access to the profile.

### Module

DXCCOMU

---

**DXC198E**      **GETMAIN error - Can not obtain storage for TCPIP resource CRN-'crn'**

### Explanation

During initialization, ALCS cannot obtain enough storage to build the communication table for a TCP/IP resource.

### System action

ALCS terminates with an abnormal completion code.

### User response

Restart ALCS with a larger region size for the job.

### Module

DXCS0C0

---

**DXC199E**      **GETMAIN error - Can not obtain storage for APPC resource CRN-'crn'**

### Explanation

During initialization, ALCS cannot obtain enough storage to build the communication table for an APPC resource.

### System action

ALCS terminates with an abnormal completion code.

### User response

Restart ALCS with a larger region size for the job.

### Module

DXCCOLH

---

**DXC200R**      **Open VTAM ACB LUN-'acbname' failed, Return code RC-X'return\_code' - Reply U to retry, or C to cancel**

### Explanation

ALCS cannot contact VTAM prior to initializing the communication network. *Return\_code* is the access method control block ( ACB ) error return code.

### System action

ALCS waits for a reply to the message.

### Operator response

Reply with one of:

**U**

Determine why ALCS cannot contact VTAM, correct the problem, then reply U. ALCS tries again to contact VTAM. If it fails then ALCS reissues this message.

**C or CANCEL**

If you are unable to determine why ALCS cannot contact VTAM, or you cannot correct the problem, then reply C or CANCEL. ALCS ends abnormally.

### Problem determination

*VTAM Programming* for the installed version and release of VTAM explains *return\_code*.

### Module

DXCINTC

---

**DXC201W**      **CRAS CT-'cras\_type' CRI-'cri' CRN-'crn' not available - Return code RC-X'rr' FB2-X'ff' SC-X'ssmmuuuu'**

### Explanation

During initialization of the communication network, ALCS cannot acquire the CRAS with CRI *cri* and CRN *crn*. ALCS has detected a non-zero return code or non-zero feedback code from VTAM, where:

**rr**

VTAM return code

**ff**

VTAM feedback 2 code

**ss**

System sense

**mm**

System sense modifier

**uuuu**

User sense.

### System action

ALCS proceeds with the next CRAS.

### Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

### Module

DXCINTC

---

**DXC203T**      **Initialization failed - No VTAM network available - Return code RC-X'rr' FDBK2 FB2-X'ff'**

### Explanation

ALCS cannot start the VTAM communication network. ALCS has detected a non-zero return code or non-zero feedback code from VTAM, where:

**rr**

VTAM return code

**ff**

VTAM feedback 2 code

## System action

ALCS ends abnormally.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCINTC, DXCOCTM

---

<b>DXC204A</b>	<b>VTAM operator has issued halt - Halt ALCS with 'ZASYS HALT' command</b>
----------------	--

## Explanation

The VTAM operator has halted the VTAM communication network. VTAM cannot complete termination until all sessions with ALCS are terminated.

## System action

ALCS processing continues. ALCS sends message DXC2554A to RO CRAS (see [“DXC2554A”](#) on page 156).

## Operator response

Halt ALCS as soon as possible.

## Module

DXCCOME

---

<b>DXC205E</b>	<b>Resource CRN-'crn' -- Ordinal number already in use</b>
----------------	--

## Explanation

You have explicitly allocated an ordinal number to a *crn* but this ordinal number has already been used.

## Programmer response

See *ALCS Installation and Customization* for a full explanation of how ALCS allocates LDIs.

---

<b>DXC209E</b>	<b>Resource CRN-'crn' not defined - Can not be deleted or replaced</b>
----------------	--

## Explanation

During ALCS communication table build, a delete or replace request in the communication generation refers to a resource that is not known to ALCS.

## System action

ALCS does not delete or replace the resource; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

<b>DXC210E</b>	<b>Resource CRN-'crn' already defined - Can not be added</b>
----------------	--

## Explanation

During ALCS communication table build, an add request in the communication generation refers to a resource that is already known to ALCS.

## System action

ALCS does not add the resource; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

<b>DXC211E</b>	<b>Resource CRN-'crn' is currently active -- Entry can not be deleted or replaced</b>
----------------	---

## Explanation

During ALCS communication table build, a replace or delete request in the communication generation refers to a resource that is currently active or in use by another process.

## System action

ALCS does not add the resource; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMM

---

<b>DXC212E</b>	<b>Resource CRN-'crn' is a different device type from replace entry - Entry cannot be replaced</b>
----------------	--

## Explanation

During ALCS communication table build, a replace request in the communication generation refers to a resource that is known to ALCS and is defined with a different device type from the entry replacing it.

## System action

ALCS does not replace the resource; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

<b>DXC213E</b>	<b>Resource CRN-'crn' has duplicate other-system identification specified - Entry cannot be processed</b>
----------------	---

## Explanation

During ALCS communication table build, an add or replace request in the communication generation refers to a resource with an other-system identification (OSID) that is already defined to ALCS.

## System action

ALCS does not add or replace the resource; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run

DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

<b>DXC214E</b>	<b>Resource CRN-'crn' - No room in DXCRIT table to add other-system identification</b>
----------------	--

## Explanation

During ALCS communication table build, an add or replace request in the communication generation refers to a resource with an other-system identification (OSID) that is not defined to ALCS, but ALCS cannot add the OSID into the communication DXCRIT table.

## System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resources are correctly specified in the communication generation. The ENTRIES parameter on the COMGEN macro may need to be increased in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMV

---

<b>DXC215E</b>	<b>Resource CRN-'crn' has duplicate HEX/TCID/IA/TA specified - Entry cannot be processed</b>
----------------	--

## Explanation

During ALCS communication table build, an add or replace request in the communication generation refers to a resource with an SLC-ID that is already defined to ALCS.

## System action

ALCS does not add or replace the resource; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run

DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

<b>DXC216E</b>	<b>Resource CRN-'crn' - No room in DXCSLCTB table to add HEX/TCID/IA/TA</b>
----------------	---

## Explanation

During ALCS communication table build, an add or replace request in the communication generation refers to a resource with an SLC-ID that is not already defined to ALCS, but ALCS cannot add the SLC-ID into the communication DXCSLCTB table.

## System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resources are correctly specified in the communication generation. The ENTRIES parameter on the COMGEN macro may need to be increased in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMV

---

<b>DXC217E</b>	<b>Resource CRN-'crn' has duplicate name specified - Entry cannot be added</b>
----------------	--

## Explanation

During ALCS communication table build, an add request in the communication generation refers to a resource with a CRN that is already defined to ALCS.

## System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run

DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

<b>DXC218E</b>	<b>Resource CRN-'crn' - No room in table DXCNHT to add entry</b>
----------------	--

## Explanation

During ALCS communication table build, an add request in the communication generation refers to a resource with a CRN that is not already defined to ALCS, but ALCS cannot add the CRN because the communication DXCNHT table is full.

## System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resources are correctly specified in the communication generation. The ENTRIES parameter on the COMGEN macro may need to be increased in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMU

---

<b>DXC219E</b>	<b>Resource CRN-'crn' specifies an unknown terminal type</b>
----------------	--

## Explanation

During ALCS communication table build, an add or replace request in the communication generation refers to a resource with an unrecognized device type.

## System action

ALCS ignores the new resource definition; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

**DXC220E**      **SLC link CRN-'crn' not replaced/  
deleted - At least one terminal still  
accessed through it**

### Explanation

During ALCS communication table build, a replace or delete request in the communication generation refers to an SLC link that has at least one terminal accessed through it.

### System action

ALCS does not replace or delete the SLC link; it proceeds with the next request.

### User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCINTC

---

**DXC221E**      **LU 6.1 link CRN-'crn' not found**

### Explanation

The ALCS communication load module contains a communication resource specified as LDTYPE=ALCSLINK and a terminal specified as TERM=PARSESS, but the LU 6.1 link that supports this parallel session is not known to ALCS.

### System action

The ALCS communication tables are not set up correctly for this resource. ALCS proceeds with the next request.

### User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

**DXC222E**

**Resource CRN-'crn' cannot be  
added to communication tables**

### Explanation

During ALCS communication table build, an add request in the communication generation refers to a LDI type that is not specified in the base communication load module. This occurs when:

A resource for which the *cri* is specified is of the wrong type to be added to an existing LDI .

An attempt is made to add an SLC WTTY resource with a specified *cri* and the REI is greater than X'FF'. Only 255 resources may be defined for SLC and WTTY.

A resource for which the *cri* is specified cannot be added as the *cri* is already in use.

There is insufficient storage available for the resource entry being added to the communications table.

### System action

ALCS ignores the new resource definition; it proceeds with the next request.

### User response

Check that all required LDI types are specified in the base communication generation table. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

**DXC223E**

**Resource crn -- Ordinal number  
greater than maximum allowed**

### Explanation

You have explicitly specified an ordinal number which is greater than that allowed by the MAXORD parameter of the COMDEF macro.

### System programmer response

See *ALCS Installation and Customization* for a full explanation of the MAXORD parameter then try again. You will need to be recreate the communication tables again.

---

**DXC224T**

**Invalid communication load  
module MODN-'name'**

## Explanation

During ALCS communication table build, the *name* communication load module has been loaded but it is not in the correct format for a communication load module.

## System action

If this error occurs during initialization, ALCS ends abnormally. Otherwise, ALCS ignores the contents of the load module.

## User response

Check that the communication load module(s) are correctly generated and that the correct load module name(s) are specified.

## Module

DXCINTC, DXCOCTM

---

**DXC225T**      **Too many resources specified**

## Explanation

During ALCS communication table build, there are so many add requests in the communication generation that more than 256 LDI values are required to address them.

## System action

ALCS ends abnormally.

## User response

Check that the communication resources are correctly specified in the communication generation. The ENTRIES parameter on the COMGEN macro may need to be reduced in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCINTC

---

**DXC226T**      **Too many SLCLINK and WTTY resources specified**

## Explanation

During ALCS communication table build, the total number of SLC links and WTTY resources is more than 255.

## System action

ALCS ends abnormally.

## User response

Check that the communication resources are correctly specified in the communication generation. The ENTRIES parameter on the COMGEN macro may need to be reduced in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCINTC

---

**DXC227T**      **Unknown LDTYPE specified**

## Explanation

During ALCS communication table build, the communication load module contains a communication resource type (LDTYPE) that ALCS does not recognize.

## System action

If this error occurs during initialization, ALCS ends abnormally. Otherwise, ALCS issues system error 000335.

## User response

Check that the communication resources are correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCINTC

---

**DXC228E**      **SLC link CRN-'crn' not found**

## Explanation

The communication load module contains a communication resource specified as LDTYPE=SLCALC, which is accessed through an SLC link that is not known to ALCS.

## System action

The communication tables are not set up correctly for this resource. ALCS cannot access this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

**DXC229E**      **ALCI LU CRN-'crn' not found**

## Explanation

The communication load module contains a communication resource specified as LDTYPE=VTAMALC, which is accessed through an ALCI LU that is not known to ALCS.

## System action

The communication tables are not set up correctly for this resource. ALCS will fail when trying to access this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

**DXC230T**      **Can not read communication load module MODN-'name' - Abend code AC-X'system\_completion\_code' Reason code RSC-X'reason\_code'**

## Explanation

An error occurred when ALCS tried to read (MVS LOAD macro) the *name* communication load module.

## System action

If this error occurs during initialization, ALCS ends abnormally. Otherwise, ALCS terminates loading the communication load module.

## Problem determination

MVS System Codes lists LOAD system completion and reason codes.

## Module

DXCCOMM, DXCINTC, DXCOCTM

---

**DXC231W**      **Associated resource ACRN-'crn1' not found for resource CRN-'crn2'**

## Explanation

The resource *crn2* has an associated resource *crn1* specified in the communication generation but the associated resource is not known to ALCS.

## System action

ALCS treats *crn2* as if it had no associated device. ALCS processing continues.

## User response

Check that the communication generation contains all required communication resources and that they are all correctly specified. Run DXCCOMOL to verify that the communication tables are built correctly.

## Module

DXCCOMU

---

**DXC232E**      **Logical unit presentation services profile NR-X'profile\_number' not supported for resource CRN-'crn'**

## Explanation

The bind image, used while initiating a SNA session between ALCS and a resource, contains a logical unit presentation services profile that ALCS does not support.

## System action

ALCS rejects the logon request.

## User response

Check that the VTAM logon mode table contains the correct values for the resource that is requesting a session with ALCS.

## Module

DXCCOME

---

**DXC233I**      **SLC line allocation - Unit address AD-'address' Ddname DDN-'name'**

## Explanation

ALCS has successfully allocated the SLC line with device address *address* and dynamically generated ddname *name*.

## System action

ALCS processing continues.

## Module

DXCSLCCI

---

<b>DXC234I</b>	<b>SLC line deallocation - Ddname DDN-'name'</b>
----------------	--

## Explanation

ALCS has dynamically deallocated the SLC line with a ddname of *name*.

## System action

ALCS processing continues.

## Module

DXCSLCCI

---

<b>DXC235W</b>	<b>SLC line allocation failure - Unit address AD-'address' Error code EC-X'error_code' Reason code RSC-X'reason_code'</b>
----------------	---

## Explanation

An error occurred during the dynamic allocation of the SLC line with device address *address*. The *error* and *reason\_code* are the values returned by MVS DYNALLOC (SVC 99).

## System action

ALCS processing continues.

## Problem determination

*MVS Authorized Assembler Services Guide* describes the *error* and *reason\_code*.

## Module

DXCSLCCI

---

<b>DXC236W</b>	<b>SLC line deallocation failure - Ddname DDN-'name' Error code EC-X'error_code' Reason code RSC-X'reason_code'</b>
----------------	---

## Explanation

An error occurred during the dynamic deallocation of the SLC line. The *error* and *reason\_code* are values returned by MVS DYNALLOC (SVC 99).

## System action

ALCS processing continues.

## Problem determination

*MVS Authorized Assembler Services Guide* describe the *error* and *reason\_code*.

## Module

DXCSLCCI

---

<b>DXC237W</b>	<b>Device is not suitable for SLC - Ddname DDN-'name' UCBTYP UCBT-X'ucbtype_code'</b>
----------------	---

## Explanation

A device defined to ALCS as an SLC link is not defined to MVS as a teleprocessing communication device (for example, an IBM 3705 Communication Controller). *Ucbtype\_code* is the contents of the unit control block (UCB) device type field (UCBTYP) of the MVS UCB.

## System action

ALCS processing continues.

## User response

Check that the ALCS communication generation specifies the correct unit addresses for the SLC link. If it does, then check that the MVS I/O generation correctly specifies the device type.

## Problem determination

*MVS Diagnosis: Data Areas* describes the UCB format, including the contents of the UCB device type field.

## Module

DXCSLCCI

---

<b>DXC238W</b>	<b>SLC line DCB open failure - Ddname DDN-'name'</b>
----------------	--

## Explanation

An error occurred when trying to open an SLC line with the dynamically allocated ddname *name*. ALCS cannot open the data set control block (DCB) for this ddname.

## System action

ALCS processing continues.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSLCCI

---

<b>DXC239E</b>	<b>Resource CRN-'crn' has duplicate LEID specified - Entry cannot be processed</b>
----------------	--

## Explanation

During ALCS communication table build, an add request in the communication generation refers to an ALCI resource with an LEID that is already defined to ALCS.

## System action

If this error occurs during initialization, ALCS ends abnormally. Otherwise, the communication tables are not set up correctly for this resource and ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

<b>DXC240E</b>	<b>Resource CRN-'crn' - No room in DXCLEID table to add LEID</b>
----------------	--

## Explanation

During ALCS communication table build, an add request in the communication generation refers to an ALCI resource with an LEID that is not already defined to ALCS, but ALCS cannot add the LEID because the communication table is full.

## System action

If this error occurs during initialization, ALCS ends abnormally. Otherwise, the communication tables are not set up correctly for this resource and ALCS proceeds with the next request.

## User response

Check that the communication resources are correctly specified in the communication generation. The ENTRIES parameter on the COMGEN macro may need to be increased in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMV

---

<b>DXC241E</b>	<b>LU 6.1 CRN-'crn' not replaced/ deleted - At least one parallel session still defined</b>
----------------	---

## Explanation

During ALCS communication table build, a replace or delete request in the communication generation refers to an LU 6.1 link that has at least one parallel session still defined.

## System action

ALCS does not replace or delete the LU 6.1 link; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

<b>DXC242E</b>	<b>Unable to add LDI entry for resource CRN-'crn'</b>
----------------	---

## Explanation

This occurs when:

An attempt is made to define a resource for SLC WTTY and the specified *cri* does not reference the existing SLC WTTY LDI. Only one LDI with 255 resources may be defined for SLC.

All LDIs are already in use, that is either no LDI was previously defined for this resource type or there are no available *cris*.

There is insufficient storage available for the REI index table which is required for a new LDI entry.

## System action

The communication tables are not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resources are correctly specified in the communication generation. The ENTRIES parameter on the COMGEN macro may need to be increased in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMU

---

<b>DXC243E</b>	<b>X.25 PVC XCRN-'crn' not found</b>
----------------	--------------------------------------

## Explanation

The ALCS communication load module contains a communication resource specified as LDTYPE=X25ALC which is accessed through an X.25 permanent virtual circuit (PVC) that is not known to ALCS.

## System action

The communication tables are not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

<b>DXC244E</b>	<b>X.25 PVC XCRN-'crn' not replaced/ deleted - At least one terminal still accessed through it</b>
----------------	--

## Explanation

During ALCS communication table build, a replace or delete request in the communication generation refers to an X.25 permanent virtual circuit (PVC) that has at least one terminal accessed through it.

## System action

ALCS does not replace or delete the X.25 PVC; it proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

<b>DXC245E</b>	<b>Type 2/3 X.25 PVC or MATIPB TCP/IP XCRN-'crn1' not found for SLC link CRN-'crn'</b>
----------------	--

## Explanation

The communication load module contains a communication resource specified as LDTYPE=SLCLINK for a virtual SLC link that is reserved for X.25 or TCP/IP Type B use. However the associated Type 2 or Type 3 X.25 permanent virtual circuit (PVC), or Type B TCP/IP link, is not known to ALCS.

## System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

<b>DXC246I</b>	<b>CRAS CRI-'cri' NetView CRN-'crn' acquired</b>
----------------	--

## Explanation

During initialization of the communication network, ALCS has acquired the *cras\_type* CRAS with CRI *cri* and CRN *crn*. It is a NetView resource.

## System action

ALCS processing continues.

## Module

DXCCOMP

---

**DXC247R**      **Reply invalid - Reply U to retry or C to cancel**

## Explanation

The operator reply to message number DXC200R (“DXC200R” on page 30) was not one of the recognized responses.

## System action

ALCS ignores the reply and waits for a valid reply to message number DXC200R.

## Module

DXCINTC

---

**DXC248T**      **Can not continue - Not enough storage available for communication table**

## Explanation

During ALCS communication table build, not enough storage was available.

## System action

If this error occurs during initialization, ALCS ends abnormally. Otherwise, ALCS terminates loading the communication configuration table.

## User response

Check that the ENTRIES parameter is correctly defined in the communication generation tables. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. If these are correct, then increase the storage allocation for the region.

## Module

DXCINT

---

**DXC249T**      **Load of communication load module MODN-'name' failed - Resource CRN-'crn' in use**

## Explanation

During ALCS communication table build, a replace or delete request in the communication generation refers to a resource that is currently active or in

use by another process. *Name* is the name of the communication load module.

## System action

The communication tables in storage are not changed. ALCS terminates loading the communication configuration table.

## User response

Ensure that communication resources to be updated are all inactive before retrying the load.

## Module

DXCCOMM

---

**DXC250T**      **ALCS system failure - SERRC-error\_description**

## Explanation

A catastrophic ALCS system error occurred. *Error\_description* describes the type of error. It can include the following information:

### SE-number

Dump sequence number. ALCS allocates a unique 6-digit decimal number to each system error dump. It allocates these numbers consecutively, starting with 000000. The sequence continues across restarts; that is, ALCS does not restart at 000000 after an abnormal termination. If ALCS did not write a system error dump to the ALCS diagnostic file then *number* is the character string "NODUMP".

### CTL-code

A control error - that is, an error that the online monitor detects. *Code* is a 6-digit hexadecimal code that identifies the type of error. Chapter 13, “System error codes: 000000-000FFF,” on page 302 lists these error codes.

### OPR-code

An operational error - that is, an error that an application program or an ECB-controlled monitor program detects. An operational error is not normally catastrophic. It is only catastrophic if the online monitor detects a more severe error while it is recovering from the operational error condition. *Code* is a 6-digit hexadecimal code that identifies the type of error.

### PSW-psw

Corrected Program Status Word (PSW) at the time of the error. Corrected means that ALCS has reset the instruction address in the PSW to point to the failing instruction.

**PROG-name**

Name of the application program or ALCS monitor CSECT that was executing at the time of the error. The dump header contains this only if ALCS can determine that the error is in a particular application program or ALCS monitor CSECT.

**OFF-listing-address**

Offset of error within the ALCS monitor CSECT, a hexadecimal number. This address corresponds to the address (LOC) in the assembler listing of the ALCS monitor CSECT. The dump header contains this only if ALCS can determine that the error is in a particular monitor CSECT.

**OFFSET-listing-address**

Offset (listing address) in hexadecimal within the application program of the failing instruction or monitor-request macro.

**AT-address**

Address in hexadecimal of the failing instruction or monitor-request macro.

**CRN-crn**

CRN of the originating terminal associated with the error.

**CRI-cri**

CRI of the originating terminal associated with the error.

**System action**

ALCS ends abnormally.

**Problem determination**

Refer to Chapter 13, "System error codes: 000000-000FFF," on page 302 or, if applicable, to user-written documentation to identify the error condition. If ALCS was able to write a system error dump to the ALCS diagnostic file, then run the ALCS diagnostic file processor to print the system error dump. *ALCS Operation and Maintenance* explains how to run the ALCS diagnostic file processor and how to interpret the system error dump listing.

**Module**

DXCPCH

---

<b>DXC251W</b>	<b>Global area corruption - Not all global area dumped</b>
----------------	--

**Explanation**

While placing a diagnostic dump on the diagnostic file, ALCS has detected corruption in the global area directory of directories. No further dumping of the global area is possible.

**System action**

ALCS processing continues.

**System programmer response**

This problem is almost certainly due to an error in an application program. Identify the program and correct the error as soon as possible; otherwise the global area is likely to be corrupted again.

**User response**

Advise your system programmer immediately. An ALCS restart is probably required, but this depends on the nature of the applications.

**Module**

DXCDMP

---

<b>DXC252T</b>	<b>Can not read Exception Dump Table</b>
----------------	--

**Explanation**

ALCS cannot read the Exception Dump Table from the real-time database, because either the database is not initialized, or there is a hardware error.

**User response**

Check that the initialization completed normally for all DASD data sets. If initialization was successful, check for a hardware error on the DASD volumes containing the data sets, and get the unit serviced if necessary.

**Module**

DXCINT

---

<b>DXC260W</b>	<b>Load of module MODN-'name' failed - Unrecognizable application CSECT at offset OFS-X'offset'</b>
----------------	---

**Explanation**

When loading ECB-controlled program load module *name*, ALCS found an invalid application CSECT at offset *offset* (hexadecimal).

**System action**

ALCS terminates the load of this load module. None of the ECB-controlled programs in this load module are loaded.

## User response

Refer to the linkage editor diagnostic listing for load module *name*. Ensure that the CSECT at offset *offset*, and the CSECT immediately preceding it, if any, are ALCS ECB-controlled application programs. That is, each CSECT begins with the expansion of the ALCS BEGIN macro, and finishes with the expansion of the FINIS macro.

## Module

DXCINTP

---

**DXC261W** Load of module MODN-'*name*' failed - *reason\_message*

## Explanation

ALCS cannot load the ECB-controlled program load module *name*. *Reason\_message* gives the reason, one of:

**DUPLICATE MODULE NAME  
MODULE LOAD TABLE FULL  
PROGRAM TABLE FULL**

## System action

ALCS terminates the load of this load module. None of the ECB-controlled programs in this load module are loaded.

## User response

This depends on *reason\_message* as follows:

### DUPLICATE MODULE NAME:

If this occurs during ALCS restart, then remove this duplicate entry in the ALCS program configuration module.

If it occurs following a ZPCTL command, then either unload the already loaded module of this name and load this module, or rename this module and then load it.

### MODULE LOAD TABLE FULL:

If this occurs during ALCS restart, then increase the size of the module load table, parameter NBRMOD of macro CP0DT in the ALCS program configuration module definition.

If it occurs following a ZPCTL command, then increase the size of the module load table as described above, or free a module load table entry by unloading another load module.

## PROGRAM TABLE FULL:

If this occurs during ALCS restart, then increase the size of the program table, parameter NBRPGM of macro CP0DT in the ALCS program configuration module definition.

If it occurs following a ZPCTL command, then increase the size of the program table as described above, or free some program table entries by unloading other load modules.

## Module

DXCINTP

---

**DXC262W** MODN-'*name*' failed - Error during module load, Abend code AC-*X*'*system\_completion\_code*' Reason code RSC-*X*'*reason\_code*'

## Explanation

An error occurred when ALCS initialization tried to read (MVS LOAD macro) the ECB-controlled program load module *name*.

## System action

ALCS terminates the load of this load module. None of the ECB-controlled programs in this load module are loaded.

## Problem determination

*MVS System Codes* lists LOAD system completion and reason codes.

## Module

DXCINTP

---

**DXC263T** Load of program config table TN-'*name*' failed - Abend code AC-*X*'*system\_completion\_code*' Reason code RSC-*X*'*reason\_code*'

## Explanation

An error occurred when ALCS initialization tried to read (MVS LOAD macro) the program configuration module.

## System action

ALCS ends abnormally.

## Problem determination

*MVS System Codes* lists LOAD system completion and reason codes.

## Module

DXCINTP

---

<b>DXC264T</b>	<b>Can not load/build internal table TN-'name' - Abend code AC-X'system_completion_code' Reason code RSC-X'reason_code'</b>
----------------	---

## Explanation

ALCS cannot build internal table *name*. The MVS LOAD or GETMAIN request failed.

## System action

ALCS ends abnormally.

## Problem determination

*MVS System Codes* and *MVS Authorized Assembler Services Guide* list GETMAIN and LOAD system completion and reason codes.

## Module

DXCINTP

---

<b>DXC265T</b>	<b>Can not load all ALCS installation-wide monitor exit load modules</b>
----------------	--

## Explanation

ALCS cannot load all the ALCS installation-wide monitor exit load modules.

## System action

ALCS ends abnormally.

## User response

Refer to the accompanying DXC260W, DXC261W, or DXC262W message(s) for further details.

## Module

DXCINTP

---

<b>DXC266T</b>	<b>Can not load all ALCS entry-controlled monitor programs</b>
----------------	--

## Explanation

ALCS cannot load all the ALCS ECB-controlled program load modules.

## System action

ALCS ends abnormally.

## User response

Refer to the accompanying DXC260W, DXC261W, or DXC262W message(s) for further details.

## Module

DXCINTP

---

<b>DXC270T</b>	<b>Can not read CTKB</b>
----------------	--------------------------

## Explanation

ALCS cannot read the system keypoint record B (CTKB) from the data set, because either the data set is not initialized, or there is a hardware error.

## User response

Check that initialization completed normally for all data sets. If initialization was successful, check for a hardware error on the DASD volumes containing the data sets, and get the unit serviced if necessary.

## Module

DXCKPT

---

<b>DXC271W</b>	<b>ID check on file copy - CTKB replaced</b>
----------------	--

## Explanation

The system keypoint record B (CTKB) does not contain the expected record ID (CK). The database configuration data set (CDS) has just been initialized.

## System action

ALCS initializes CTKB and continues with initialization.

## Module

DXCKPT

---

<b>DXC272T</b>	<b>ID check on file copy - CTKB can not be replaced</b>
----------------	---

## Explanation

The system keypoint record B (CTKB) does not contain the expected record ID (CK). However, the database configuration data set (CDS) was not reinitialized.

## System action

ALCS ends abnormally.

## User response

Check that the ALCS job or started task specifies the correct database load module. If this happens when you start using the CDS for the first time, delete the copies of the existing CDS and then recreate them. You can then restart ALCS. If this happens when you have been running ALCS for some time, treat it as possible corruption of your CDS or realtime database. If appropriate, restore the CDS and/or the realtime database, then restart ALCS.

## Module

DXCKPT

---

<b>DXC273T</b>	<b>CDS can not be used with this CTKB</b>
----------------	---

## Explanation

You have started an ALCS Version 2 Release 2 system in which the database was last used under ALCS Version 2 Release 1.1 or ALCS/MVS/XA. However the database configuration data set (CDS) was not reinitialized.

## System action

ALCS ends abnormally.

## User response

Check that the ALCS job or started task specifies the correct database load module. If this happens when you start using the CDS for the first time, delete the copies of the existing CDS and then recreate them. You can then restart ALCS. If this happens when you have been running ALCS for some time, treat it as possible corruption of your CDS or realtime database. If appropriate, restore the CDS and/or the realtime database, then restart ALCS.

## Module

DXCKPT

---

<b>DXC280T</b>	<b>GETMAIN for DCB failed - Abend code AC-X'system_completion_code' Reason code RSC-X'reason_code'</b>
----------------	--

## Explanation

ALCS cannot obtain space in which to build required MVS data set control blocks (DCBs).

## System action

ALCS ends abnormally.

## Problem determination

*MVS System Codes* and *MVS Authorized Assembler Services Guide* list GETMAIN system completion and reason codes.

## Module

DXCLDE

---

<b>DXC281T</b>	<b>Can not open DCB DDN-'ddname' - Return code RC-X'return_code'</b>
----------------	--

## Explanation

ALCS cannot open the data set control block (DCB) for the *ddname* data set(s). This message is accompanied by message IEC146I.

## System action

ALCS ends abnormally.

## Problem determination

Refer to message IEC146I in *MVS System Messages* for information about the error and for an explanation of the return code.

## Module

DXCLDE

---

<b>DXC290E</b>	<b>MQSeries initialization failed -- Not enough storage</b>
----------------	---

## Explanation

ALCS cannot complete the initialization of the MQSeries queue manager session because not enough storage has been defined.

## System action

ALCS continues with initialization, but cannot use MQSeries.

## System programmer response

Correct the error by allocating more storage.

---

<b>DXC291E</b>	<b>MQSeries entry point load failed -- Abend code AC-X'system_completion_code' Reason code RSC-X'reason_code'</b>
----------------	---

## Explanation

ALCS cannot complete the initialization of the MQSeries queue manager session.

## System action

ALCS continues with initialization, but cannot use MQSeries.

## Problem determination

Refer to the MQSeries documentation for more information about the error and an explanation of the return code.

---

### **DXC292W**      **MQSeries interface suspended**

## Explanation

The MQSeries queue manager has stopped responding to ALCS.

## System action

ALCS returns control to any entries that issued MQSeries calls, with completion code MQCC\_FAILED and reason code MQRC\_CONNECTION\_BROKEN, providing the call has not been passed to MQSeries yet. ALCS cannot use MQSeries until the queue manager responds again.

## User response

Inform your MQSeries administrator.

## Module

DXCMQI

---

### **DXC293W**      **MQSeries interface resumed**

## Explanation

The MQSeries queue manager has started responding to ALCS.

## System action

ALCS processing continues.

## Module

DXCMQI

---

### **DXC294E**      **MQSeries version changed -- MQ IOCB has invalid length**

## Explanation

ALCS detected that the installed version of MQSeries can not use the ALCS IOCBs and therefore will not initialize MQSeries for ALCS.

## System action

ALCS continues with initialization, but cannot use MQSeries.

## User response

Ask your system programmer to inform your IBM programming support representative.

## Module

DXCMQI

---

### **DXC300E**      **TCP/IP initialization failed - Not enough storage**

## Explanation

During initialization, ALCS was unable to obtain the storage required to support TCP/IP sockets calls.

## System action

ALCS continues with initialization but cannot use TCP/IP.

## System programmer response

Allocate more storage to the ALCS job or started task.

## Module

DXCSOCK

---

### **DXC301E**      **TCP/IP entry point load failed - Abend code AC-X'abend\_code' Reason code RSC-X'reason\_code'**

## Explanation

During initialization, an error occurred when ALCS tried to load (MVS LOAD macro) one of the entry points EZASOKET, EZACIC04, EZACIC05, EZACIC06, or EZACIC08 for the TCP/IP sockets calls. The *abend\_code* and *reason\_code* are those issued by MVS LOAD.

## System action

ALCS continues with initialization but cannot use TCP/IP.

## Problem determination

MVS System Codes lists LOAD completion and reason codes.

## Module

DXCSOCK

---

**DXC386E** MQ queue CRN-'crn' not found

## Explanation

The communication load module contains a communication resource specified as LDTYPE=MQTERM, which is accessed through an MQ queue resource that is not known to ALCS.

## System action

The communication tables are not set up correctly for this resource. ALCS cannot access this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

**DXC387E** MQ queue CRN-'crn' not replaced/ deleted - At least one terminal still accessed through it

## Explanation

During ALCS communication table build, a delete or replace request in the communication generation refers to an MQ queue resource that has at least one terminal accessed through it.

## System action

ALCS does not replace or delete the MQ queue resource.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Delete the terminals before attempting to delete or replace their owning MQ queue resource.

## Module

DXCCOMU

---

**DXC388E** GETMAIN error -- Can not obtain storage for MQ resource CRN-'crn'

## Explanation

During initialization, ALCS cannot obtain enough storage to build the communication table for an MQ resource.

## System action

ALCS terminates with an abnormal completion code.

## User response

Restart ALCS with a larger region size for the job.

## Module

DXCMQB

---

**DXC389W** TCP/IP CRN-'crn' max connections not changed

## Explanation

During ALCS communication table build, a replace request in the communication generation refers to a TCP/IP connection which has a different maximum number of concurrent connections (COMDEF MAXCONN parameter).

## System action

The communication tables are set up for this resource using the old MAXCONN parameter value.

## User response

Check that the communication resource is correctly specified in the communication generation.

## Module

DXCCOMU

---

**DXC390E** TCP/IP CRN-'crn' not found

## Explanation

The communication load module contains a communication resource specified as LDTYPE=TCPIPALC, which is accessed through a TCP/IP connection that is not known to ALCS.

## System action

The communication tables are not set up correctly for this resource. ALCS will fail when it tries to access this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMU

---

<b>DXC391E</b>	<b>TCP/IP CRN-'crn' not replaced/ deleted - At least one terminal still accessed through it</b>
----------------	---

## Explanation

During ALCS communication table build, a delete or replace request in the communication generation refers to a TCP/IP connection that has at least one terminal accessed through it.

## System action

ALCS does not replace or delete the TCP/IP connection.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Delete the terminals before attempting to delete or replace their owning TCP/IP connection.

## Module

DXCCOMV

---

<b>DXC392E</b>	<b>Resource CRN-'crn' - No room in table DXCMAT to add entry</b>
----------------	--

## Explanation

During ALCS communication table build, an add or replace request in the communication generation refers to a TCP/IP ALC terminal resource with a MATIP-ID that is not already defined to ALCS, but ALCS cannot add the MATIP-ID into the MATIP-ID communication table. The MATIP-ID for a terminal is derived from its HEX, TCID, IA, and TA values.

## System action

The communication table is not set up correctly for this resource. ALCS proceeds with the next request.

## User response

Check that the communication resources are correctly specified in the communication generation. You may need to increase the ENTRIES parameter on the COMGEN macro in the first communication load module. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMV

---

<b>DXC393I</b>	<b>VTAM ACB LUN-'acbname' open failed, Return code RC- X'return_code' - ALCS takeover will retry</b>
----------------	--

## Explanation

ALCS automatic system takeover requires that this ACB is active. *Return\_code* is the access method control block (ACB) error return code.

## System action

ALCS will retry once. This allows WTO exits or NetView, for example, to take corrective actions. If it is still unsuccessful then message DXC200R will be sent.

## Problem determination

*VTAM Programming* for the installed version and release of VTAM explains *return\_code*.

## Module

DXCINTC

---

<b>DXC394I</b>	<b>VTAM ACB LUN-'acbname' has been closed</b>
----------------	---

## Explanation

VTAM ACB has been closed. ALCS issues this message when it ends contact with VTAM during termination.

## System action

The ALCS system continues.

## Module

DXCTRM

---

**DXC395I**      **VTAM ACB LUN-'acbname' has been opened**

## Explanation

VTAM ACB has been opened. ALCS issues this message when it contacts VTAM during initialization.

## System action

The ALCS system continues.

## Module

DXCINTC

---

**DXC396E**      **WAS resource CRN-'crn' not found**

## Explanation

The communication load module contains a communication resource specified as LDTYPE=WASTERM, which is accessed through a WAS resource that is not known to ALCS.

## System action

The communication tables are not set up correctly for this resource. ALCS cannot access this resource. ALCS proceeds with the next request.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated.

## Module

DXCCOMV

---

**DXC397E**      **WAS CRN-'crn' not replaced/ deleted - At least one terminal still accessed through it**

## Explanation

During ALCS communication table build, a delete or replace request in the communication generation refers to a WAS resource that has at least one terminal accessed through it.

## System action

ALCS does not replace or delete the WAS resource.

## User response

Check that the communication resource is correctly specified in the communication generation. Run DXCCOMOL to verify that the communication resources are correctly specified and generated. Delete the terminals before attempting to delete or replace their WAS resource.

## Module

DXCCOMU

---

**DXC398E**      **GETMAIN error - Can not obtain storage for WAS resource CRN-'crn'**

## Explanation

During initialization, ALCS cannot obtain enough storage to build the communication table for a WAS resource.

## System action

ALCS terminates with an abnormal completion code.

## User response

Restart ALCS with a larger region size for the job.

## Module

DXCWBS

---

**DXC401I**      **Using current slot *a* in configuration data set *CDSn***

## Explanation

ALCS is using the current load list in the configuration data set *CDSn* during ALCS restart. The current load list resides in either slot A or slot B. CDS1 is the program configuration data set and CDS2 is the communication configuration data set. CDS1 contains a list of the program and installation-wide monitor exit load modules that will be loaded during ALCS restart. CDS2 contains a list of the communication configuration load modules that will be loaded during ALCS restart.

## System action

ALCS continues.

## Module

DXCINTC, DXCINTP

---

**DXC402I**      **Using alternate slot *a* in configuration data set *CDSn*****Explanation**

ALCS is using the alternate load list in the configuration data set *CDSn* during ALCS restart. The alternate load list resides in either slot A or slot B. CDS1 is the program configuration data set and CDS2 is the communication configuration data set. CDS1 contains a list of the program and installation-wide monitor exit load modules that will be loaded during ALCS restart. CDS2 contains a list of the communication configuration load modules that will be loaded during ALCS restart. ALCS normally uses the *current* load list during ALCS restart. The *alternate* load list is used when that list has been confirmed but not yet committed or backed out.

**System action**

ALCS continues.

**Module**

DXCINTC, DXCINTP

---

**DXC403T**      **Error writing configuration data set *CDSn*****Explanation**

ALCS cannot write to configuration data set *CDSn*. CDS1 is the program configuration data set and CDS2 is the communication configuration data set.

**System action**

ALCS terminates.

**Problem determination**

Check that at least one configuration data set is allocated and has read/write access. If it is newly allocated, ensure that the first time it is used you are not using the ALCS test data base facility, otherwise you should consider restoring it from a previous backup. If the problem persists, contact your IBM program support representative.

**Module**

DXCINTC, DXCINTP, DXCINTE

---

**DXC404T**      **Error reading configuration data set *CDSn*****Explanation**

ALCS cannot read from configuration data set *CDSn*. CDS1 is the program configuration data set and CDS2 is the communication configuration data set.

**System action**

ALCS terminates.

**Problem determination**

Check for I/O error messages on the ALCS RO CRAS and the z/OS system log. If the I/O error can not be corrected, you should consider restoring the configuration data set from a previous backup. If the problem persists, contact your IBM program support representative.

**Module**

DXCINTC, DXCINTP, DXCINTE

---

**DXC405I**      **Initializing configuration data set *CDSn*****Explanation**

ALCS initializes configuration data set *CDSn*. CDS1 is the program configuration data set and CDS2 is the communication configuration data set.

**System action**

ALCS continues.

**Module**

DXCINTC, DXCINTP, DXCINTE

---

**DXC407T**      **Configuration data set *CDSn* logic error****Explanation**

A logic error has occurred. The internal tables that are used by ALCS to manage the configuration data sets have not been initialized. CDS1 is the program configuration data set and CDS2 is the communication configuration data set.

**System action**

ALCS terminates

**Problem determination**

This is an ALCS logic error. Contact your IBM program support representative.

## Module

DXCINTE

---

**DXC408T** Configuration data set *CDSn* can not read either copy

## Explanation

ALCS cannot access configuration data set *CDSn*. If your ALCS data base is fully duplicated, there will be two copies (copy-1 and copy-2) of each configuration data set. ALCS can not access either of these two copies. CDS1 is the program configuration data set and CDS2 is the communication configuration data set.

## System action

ALCS terminates

## Problem determination

Check that the VSAM job to define the configuration data set has run successfully. Check the status of your configuration data sets. If both copies of your configuration data set are offline, then vary one of the copies online. If the problem persists, contact your IBM program support representative.

## Module

DXCINTE

---

**DXC410E** ICSF initialization failed -- not enough storage

## Explanation

ALCS cannot complete the initialization of the ICSF interface because not enough storage has been declared.

## System action

ALCS continues with initialization, but cannot use ICSF.

## Problem determination

Correct the error by allocating more storage.

## Module

DXCICSF

---

**DXC411E** ICSF entry point load failed - Abend code AC-X'*abend\_code*' Reason code RSC-X'*reason\_code*'

## Explanation

During initialization, an error occurred when ALCS tried to load one of the entry points CSFIQA, CSFIQF, CSNBSYD or CSNBSYE for the ICSF calls. The *abend\_code* and *reason\_code* are those issued by MVS LOAD.

## System action

ALCS continues with initialization, but cannot use ICSF.

## Problem determination

*MVS System Codes* lists LOAD abend and reason codes.

## Module

DXCICSF

---

**DXC420E** HTTP Client initialization failed - not enough storage

## Explanation:

ALCS cannot complete the initialization of the HTTP Client interface because not enough storage has been declared.

## System action

ALCS continues with initialization, but cannot use the HTTP client.

## System programmer response

Correct the error by allocating more storage.

## Module

DXCHTTP

---

**DXC421E** HTTP Client entry point load failed - Abend code AC-x'*abend\_code*' Reason code RS-x'*reason\_code*'

## Explanation

During initialization an error occurred when ALCS tried to load (MVS LOAD macro) one of the entry points for the HTTP client calls. The *abend\_code* and *reason\_code* are those issued by MVS LOAD.

## System action

ALCS continues with initialization, but cannot use the HTTP client services.

### System programmer response

MVS system Codes lists LOAD abend and reason codes.

### Module

DXCHTTP

---

<b>DXC422E</b>	<b>HTTP Client BPX1SDD call failed - Abend code AC-x'abend_code' Reason code RS-x'reason_code'</b>
----------------	--

### Explanation

During initialization an error occurred when ALCS tried to set the DUB OPTION for HTTP client calls. The abend code and reason code are those issued by Unix System Services.

### System action

ALCS continues with initialization, but cannot use the HTTP client services.

### System programmer response

Unix System Messages and Codes lists BPX1SDD abend and reason codes.

### Module

DXCHTTP

---

<b>DXC430E</b>	<b>JSON Parser initialization failed - not enough storage</b>
----------------	---

### Explanation

ALCS cannot complete the initialization of the JSON Parser interface because not enough storage has been declared.

### System action

ALCS continues with initialization, but cannot use the JSON Parser services.

### System programmer response

Correct the error by allocating more storage.

### Module

DXCJSON

---

<b>DXC431E</b>	<b>JSON Parser entry point load failed - Abend code AC-x'abend_code' Reason code RS-x'reason_code'</b>
----------------	--

### Explanation

During initialization an error occurred when ALCS tried to load (MVS LOAD macro) one of the entry points for the JSON parser calls. The abend code and reason code are those issues by MVS LOAD.

### System programmer response

MVS system Codes lists LOAD abend and reason codes.

### Module

DXCJSON

---

## Chapter 3. Offline program messages: DXC480-DXC799

---

**DXC480W**      **The following keys have been discarded**

### Explanation

This message is followed by a list of the search strings that XREF could not handle in this run. The reason is given in a subsequent message (DXC481W, DXC482W, or both).

### System action

Processing continues with the remaining search keys.

### User response

Run XREF a second time specifying the discarded search keys.

### Module

DXCXREF

---

**DXC481W**      **More than 63 initial characters - Resubmit keys listed above**

### Explanation

XREF first sorts the search keys and builds an index structure. It can only handle up to 63 initial characters (more than enough for most cases, and not restricting the number of search keys), and the limit was exceeded.

### System action

Processing continues using those search keys that start with the first 63 initial characters. (This may well be more than 63 search keys). The remainder are discarded. Message DXC483I lists the keys used.

### User response

Run XREF a second time specifying the keys listed in message DXC480W.

### Module

DXCXREF

---

**DXC482W**      **More than *n* search keys specified - Resubmit keys listed above**

### Explanation

As supplied, XREF can only search for up to 99 keys at any one time (though this limit may have been changed by your system programmer). This limit was exceeded.

### System action

Processing continues using the first *n* keys supplied. Message DXC483I lists these keys.

### User response

Run XREF a second time specifying the keys listed in message DXC480W. Alternatively ask your system programmer to increase this limit.

### Module

DXCXREF

---

**DXC483I**      **Search will use the following keys**

### Explanation

This message is followed by a sorted list of the lengths and values of the search strings that will be used, one per line.

### System action

Processing continues.

### Module

DXCXREF

---

**DXC484E**      **No search keys specified - Run terminated**

### Explanation

No search keys were specified for XREF to process. The DD statement may be spelt incorrectly, or the associated data set may be empty.

## System action

Processing ends abnormally.

## User response

Rerun XREF ensuring the search keys are specified correctly.

## Module

DXCXREF

---

<b>DXC485W</b>	<b>More than <math>n</math> ambiguous member specifications - The following have been discarded - Please resubmit</b>
----------------	---

## Explanation

As supplied, XREF only supports up to 99 ambiguous member specifications at any one time (though this limit may have been changed by your system programmer). This limit was exceeded.

## System action

Processing continues using the first  $n$  ambiguous member specifications supplied. Message DXC487I lists these.

## User response

Run XREF a second time using the listed ambiguous member specifications. Alternatively ask your system programmer to increase this limit.

## Module

DXCXREF

---

<b>DXC486I</b>	<b>No ambiguous member specifications - All members will be searched</b>
----------------	--

## Explanation

Members of the partitioned data sets to search were not specified. This may have been deliberate, or the DD statement may have been spelt incorrectly, or the associated data set may have been empty.

## System action

Processing continues. All members will be searched.

## User response

If not deliberate, rerun XREF ensuring the members are specified correctly. Alternatively post-process the output obtained to extract the members of interest.

## Module

DXCXREF

---

<b>DXC487I</b>	<b>Members matching the following ambiguous specifications will be searched</b>
----------------	---

## Explanation

This message is followed by a list of the ambiguous member specifications that XREF will attempt to match members of the search data sets against.

## System action

Processing continues.

## Module

DXCXREF

---

<b>DXC490T</b>	<b>Parameter format invalid</b>
----------------	---------------------------------

## Explanation

The format of the ALCS statistical reports generator parameter is invalid, for example the parameter exceeds 8 characters. The parameter\_name parameter of the job control EXEC statement specifies the statistical reports generator parameter.

## System action

ALCS statistical reports generator ends abnormally.

## Problem determination

*ALCS Installation and Customization* describes the format.

## Module

DXCSRGR

---

<b>DXC491T</b>	<b>Can not load DASD config table <i>table_name</i> - Return code X'<i>return_code</i>', Reason code X'<i>reason_code</i>'</b>
----------------	--

## Explanation

An error occurred when the ALCS statistical reports generator tried to read (MVS LOAD macro) the DASD

configuration table *table\_name*. *Return\_code* is the system completion code and *reason\_code* is the reason code associated with the error.

### System action

ALCS statistical reports generator ends abnormally.

### Problem determination

*MVS System Codes* lists LOAD system completion codes and reason codes.

### Module

DXCSR

---

**DXC492W**      **Return code X'*return\_code*' from sort**

### Explanation

The sort program returned a non-zero return code to the ALCS statistical reports generator.

### System action

The ALCS statistical reports generator continues processing. Depending on the condition that caused the non-zero return code, the reports may be incorrect or incomplete.

### Problem determination

*DFSORT Application Programming Guide* lists return codes from DFSORT.

### Module

DXCSR

---

**DXC501E**      **Columns 1-58 blank - Ignored**

### Explanation

Self-explanatory.

### System action

STC DRIL CREATE ignores the input statement and continues processing.

### Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

### Module

DXCSTCDR

---

**DXC502E**      **No OPCODE**

### Explanation

Self-explanatory.

### System action

STC DRIL CREATE ignores the input statement and continues processing.

### Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

### Module

DXCSTCDR

---

**DXC503E**      **No data field**

### Explanation

Self-explanatory.

### System action

STC DRIL CREATE ignores the input statement and continues processing.

### Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

### Module

DXCSTCDR

---

**DXC504E**      **No label field**

### Explanation

Self-explanatory.

### System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC505E**            **Label field length > 8 characters**

## Explanation

The label field is too long.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC506W**            **No MEND - MEND assumed**

## Explanation

STC DRIL CREATE has read a MACRO statement but it did not read a MEND statement for the previous member.

## System action

STC DRIL CREATE continues processing as if there was a MEND statement.

## Programmer response

Correct the DRIL definition by adding a MEND statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC508E**            **No blanks between fields**

## Explanation

There are no blanks in card columns 1 through 58.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC509E**            **Invalid record identifier - All records for this macro ignored**

## Explanation

The statement following the macro statement does not have a 5-character name in the operation code field.

## System action

STC DRIL CREATE does not create the DRIL member.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC510E**            **Invalid record length specification - All records for this macro ignored**

## Explanation

One of the following:

The statement that follows the member name statement does not have an operation code of DS. The operand field is incorrect; it must be  $\theta CLn$ , where  $n$  is the record length (number of bytes) in decimal.

## System action

STC DRIL CREATE does not create the DRIL member.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC511E**      **Data type not in table**

## Explanation

The data type is invalid.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC512E**      **Data type missing**

## Explanation

Self-explanatory.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC513E**      **Invalid length specification**

## Explanation

The length subfield of the operand field is not  $L_n$  where  $n$  is a self-defining decimal term.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC514E**      **No field length specified**

## Explanation

Self-explanatory.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC515E**      **Non-numeric field length**

## Explanation

Self-explanatory.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC516E**      **Non-numeric multiplicity factor**

## Explanation

The multiplicity factor is also known as the duplication factor.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC517E**      **Field length > implied length**

## Explanation

The field length is greater than the length implied by the data type. *ALCS Installation and Customization* describes how to code the field length, and lists implied lengths for the various data types.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC518W**      **Field has been aligned**

## Explanation

The implied or specified length indicates halfword, fullword, or doubleword alignment but the current value of the location counter is not on a halfword, fullword, or doubleword boundary.

## System action

STC DRIL CREATE aligns the field by inserting zeros before the field.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC519E**      **Fields extend beyond record -  
Current offset value**

## Explanation

Some field definition statements define fields beyond the end of the record.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC520W**      **Columns 59-62 ignored**

## Explanation

Self-explanatory.

## System action

STC DRIL CREATE ignores the information in columns 59 through 62 and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC521E**      **Columns 64-68 non-numeric**

## Explanation

Self-explanatory.

## System action

STC DRIL CREATE ignores the information in columns 64 through 68 and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC522W**      **File address indicator ignored**

## Explanation

There is a non-blank character in column 71, but the length of the field is not 4 bytes.

## System action

STC DRIL CREATE assumes that the field is not a file address and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC523E**      **No sign (+ or -) for adjustment**

## Explanation

There is no sign for the adjustment of the offset on an ORG or EQU statement.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC524E**      **Non-numeric adjustment**

## Explanation

The adjustment on an ORG or EQU statement is not numeric.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC525E**      **Label not previously defined**

## Explanation

The label on an ORG or EQU statement is not defined.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC526E**      **Invalid adjustment - Outside record**

## Explanation

The adjustment on an ORG or EQU statement produces an offset that is either less than 0 or greater than the length of the member.

## System action

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

## Module

DXCSTCDR

---

**DXC527E**      **Number of fields exceeds maximum (285)**

**Explanation**

There are more than 285 fields in one DRIL member.

**System action**

STC DRIL CREATE does not create the DRIL member.

**Programmer response**

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

**Module**

DXCSTCDR

---

**DXC528W**      **Label field invalid with 'ORG'**

**Explanation**

An ORG statement must have a blank label field.

**System action**

STC DRIL CREATE ignores the label field and continues processing.

**Programmer response**

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

**Module**

DXCSTCDR

---

**DXC529E**      **Invalid adjustment**

**Explanation**

The operand of an ORG or EQU statement is invalid.

**System action**

STC DRIL CREATE ignores the input statement and continues processing.

**Programmer response**

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

**Module**

DXCSTCDR

---

**DXC530E**      **Invalid OPCODE - Not ORG, EQU, DS or DC**

**Explanation**

Self-explanatory.

**System action**

STC DRIL CREATE ignores the input statement and continues processing.

**Programmer response**

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

**Module**

DXCSTCDR

---

**DXC531W**      **Duplicate label - Already defined**

**Explanation**

Another field in the member has the same label.

**System action**

STC DRIL CREATE ignores the input statement and continues processing.

**Programmer response**

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

**Module**

DXCSTCDR

---

**DXC532E**      **Field length not equal to slot info**

**Explanation**

The length of a field that has multiple items must equal the item length multiplied by the number of items.

**System action**

STC DRIL CREATE ignores the input statement and continues processing.

## Programmer response

Correct the DRIL definition statement in accordance with the description in *ALCS Installation and Customization*, and rerun STC DRIL CREATE.

### Module

DXCSTCDR

---

<b>DXC541T</b>	<b>Error in sort - Return code <i>return_code</i></b>
----------------	---

### Explanation

The sort program returned a non-zero return code to STC DRIL CREATE.

### System action

STC DRIL CREATE ends abnormally.

### Problem determination

*DFSORT Application Programming Guide* lists return codes from DFSORT.

### Module

DXCSTCDR

---

<b>DXC542I</b>	<b>End of DRIL CREATE - Input Records <i>number</i>, Output records <i>number</i>, Number of output members <i>number</i></b>
----------------	---

### Explanation

STC DRIL CREATE completed successfully.

### Module

DXCSTCDR

---

<b>DXC543T</b>	<b>Sequence error in sorted temporary file - Keycode <i>keycode</i></b>
----------------	---

### Explanation

The sort program returned a zero return code to STC DRIL CREATE. However, the sorted data set is out of sequence. *Keycode* is the numeric key of the out-of-sequence record.

### System action

STC DRIL CREATE ends abnormally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

DXCSTCDR

---

<b>DXC544T</b>	<b>Error copying sorted temporary file to DRIL file - Keycode <i>keycode</i></b>
----------------	--

### Explanation

The PL/I KEY condition was raised while copying the sorted work data set (SORTOUT) to the DRIL data set (DXCDRIL). *Keycode* is the PL/I ONCODE.

### System action

STC DRIL CREATE ends abnormally.

### Problem determination

Refer to *PL/I Language Reference*.

### Module

DXCSTCDR

---

<b>DXC550T</b>	<b>Immediate end of file reached on input file - Job terminated</b>
----------------	---

### Explanation

There are no STC input statements.

### System action

STC ends abnormally.

### User response

Check why the input statements were not found, correct the error, and rerun the job.

### Module

DXCSTC

---

<b>DXC551T</b>	<b>Severe error - Job terminated</b>
----------------	--------------------------------------

### Explanation

Previously reported error condition(s) make continued execution of STC impossible.

### System action

STC ends abnormally.

## User response

Correct the previously reported errors, and rerun the job.

## Module

DXCSTC

---

**DXC552E**      **Record ignored due to invalid  
GSTAR record**

## Explanation

Self-explanatory.

## System action

STC does not generate records for this set of generation statements.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

## Module

DXCSTC

---

**DXC553E**      **Invalid offset *offset* - Record  
length of *length***

## Explanation

The label field specifies an invalid displacement within the record(s). For an ORG statement, the offset specified is either less than 8 or greater than the record length minus 3. For other operation codes, the offset is greater than the record length.

## System action

STC ignores this statement and continues processing.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

## Module

DXCSTC

---

**DXC554E**      **Input data extends beyond record  
- Offset *offset* - Record length  
*length***

## Explanation

Self-explanatory.

## System action

STC ignores this statement and continues processing.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

## Module

DXCSTC

---

**DXC555E**      **Invalid fixed file record type *type***

## Explanation

A file address specifies a fixed file record type that is not defined in the DXCRID macro.

## System action

STC ignores this statement and continues processing.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

## Module

DXCSTC

---

**DXC556E**      **No DRIL for record ID *name***

## Explanation

A GSTAR statement specifies the name of a DRIL member that does not exist.

## System action

STC ignores this statement and continues processing.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC557E**            **No entry in DRIL for label *label***

## Explanation

*Label* is not defined in the DRIL member for this group of records.

## System action

STC ignores this statement and continues processing.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC558E**            **Slot number of *slot* greater than max specified in DRIL**

## Explanation

The slot number (that is, entry number in a data table) in the parameter subfield of an ENTIT, REPST, ADDST, or SUBST is greater than the number of table entries that the DRIL member specifies.

## System action

STC ignores this statement and continues processing.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC559E**            **F.A. indic in DRIL for label *label* but data entered is not a file address**

## Explanation

DRIL defines *label* as a file address field, but the data specified is not a file address.

## System action

STC ignores this statement and continues processing.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC560W**            **No F.A. indic in DRIL for field *field* - Input data is *data***

## Explanation

DRIL does not define *field* as a file address field, but the data specified is a file address.

## System action

STC accepts the statement, but the field is not converted to a file address when the record is loaded to the real time database.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC561E**            **Field length in DRIL of *length* - Must be 4 bytes for a file address**

## Explanation

DRIL does not define the field as a 4-byte field, but the data specified is a file address (8 hexadecimal digits).

## System action

STC ignores this statement and continues processing.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC562W**      **Data type in DRIL for field *field* is not char but char data entered**

## Explanation

DRIL does not define *field* as a character field, but the data specified is character data.

## System action

STC puts the data left-justified in the field and pads with blanks if required.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC563W**      **Data type in DRIL for field *field* is char but non-char data entered**

## Explanation

DRIL defines *field* as a character field, but the data specified is not character data.

## System action

If the data is the correct length, STC puts it in the field. If the data length is shorter than DRIL expects, STC pads the data with blanks. If the data length is longer than DRIL expects, STC deletes low-order bytes and sends message DXC566W.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC564W**      **Data entered is longer than length in DRIL - Low order *number* bytes used**

## Explanation

Data is longer than DRIL expects, but data has leading zeros.

## System action

STC deletes high-order bytes.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC565E**      **Data entered is longer than length in DRIL - DRIL length of *length***

## Explanation

Data is longer than DRIL expects, and data does not have leading zeros.

## System action

STC ignores this statement and continues processing.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC566W**      **Data entered is longer than length in DRIL - First *number* bytes used**

## Explanation

DRIL expects character data that is *number* bytes long, but the data is non-character and the data length is longer than DRIL expects.

## System action

STC deletes low-order bytes.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC579E** Slot number of *slot* specified for *label* but not a slot field in DRIL

## Explanation

In the DRIL definition, *slot* is not a subfield.

## System action

STC ignores this statement and continues processing.

## Programmer response

Either correct the STC input and rerun STC Edit and STC; or correct DRIL and rerun STC DRIL CREATE. See the appropriate description in *ALCS Installation and Customization*.

## Module

DXCSTC

---

**DXC580W** Embedded X'00' in text of message number *number*

## Explanation

The character count for the message is greater than the number of text characters.

## System action

STC pads the message to the right with hexadecimal zeros.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTC

---

**DXC581W** Text beyond end of message will be lost on output - Msg number *number* - Text length *length*

## Explanation

Either the character count is less than the number of text characters or the character count is not specified.

## System action

STC assumes that the first byte of hexadecimal zeros is the end of the message (usually the first byte of hexadecimal zeros is uninitialized storage that follows the last character of the input message).

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTC

---

**DXC582W** No text in message number *number* - Message not written to TUT

## Explanation

Self-explanatory.

## System action

STC ignores the message.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTC

---

**DXC583E** Length of *length* for allocate > max block size of *max*

## Explanation

Either STC input or DRIL allocates a length that is larger than the maximum block length allowed (*max*).

## System action

STC ignores the input.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

### Module

DXCSTC

---

**DXC584I**      **End of STC run - Number of input records *number***

### Explanation

Self-explanatory.

### System action

STC completes normally.

### Module

DXCSTC

---

**DXC585T**      **Invalid type of run statement 'type' - must be 'DATA' or 'MSG'**

### Explanation

Self-explanatory.

### System action

STC ends abnormally.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

### Module

DXCSTC

---

**DXC586T**      **Invalid RUNID statement**

### Explanation

The input statement following the STC statement is not a valid RUNID control statement. *ALCS Installation and Customization* gives the format of the RUNID control statement.

### System action

STC ends abnormally.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

### Module

DXCSTC

---

**DXC587T**      **TUT message and pilot data generation cannot be mixed - End of input assumed**

### Explanation

Self-explanatory.

### System action

STC processes the message generation or the pilot data generation (whichever comes first). Then STC ends abnormally.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

### Module

DXCSTC

---

**DXC588E**      **Char count of *count* for message number *number* > max block size of *max***

### Explanation

The message length exceeds the maximum block size allowed (1024).

### System action

STC ignores the input.

## Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

### Module

DXCSTC

---

**DXC589T**      **Can not load DASD tables module *name* - Return code**

*system\_completion\_code* Reason  
*code reason\_code*

### Explanation

An error occurred when STC tried to read (MVS LOAD macro) the DASD configuration table. *Name* is the member name of the DASD configuration table.

### System action

STC ends abnormally.

### Problem determination

*MVS System Codes* lists LOAD system completion and reason codes.

### Module

DXCSTC

---

**DXC595E** Invalid GSTAR statement - GSTAR  
*label*

### Explanation

The format of the GSTAR data definition statement with label *label* is invalid.

### System action

STC ignores the GSTAR statement.

### Programmer response

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

### Module

DXCSTC

---

**DXC600E** Neither compress or expand  
specified in parm field -- no action  
taken

### Explanation

Self-explanatory.

### System programmer response

Correct the typing or syntax error and retry the command.

### Module

DXCCMPR

---

**DXC601S** Unable to invoke compress/  
expand query service

### Explanation

Self-explanatory.

### System programmer response

Correct the typing or syntax error and retry the command.

### Module

DXCCMPR

---

**DXC602S** Unable to invoke compress/  
expand service RC=*nn*

### Explanation

There is a problem with the CSRCSRVRV macro.

### System programmer response

Consult the appropriate *MVS System Codes* for an explanation of reason code RC=*nn*.

### Module

DXCCMPR

---

**DXC603I** Compressing dataset *name*,  
blocksize *nn* on *yy/ddd hh:mm:ss*

### Explanation

This message provides information on an ALCS process. The Operator does not need to respond to the message.

### Module

DXCCMPR

---

**DXC604I** Function complete *nn* records  
processed. Longest record was *nn*  
bytes

### Explanation

This message provides information on an ALCS process. The Operator does not need to respond to the message.

## Module

DXCCMPR

---

**DXC605I** Bytes in:*nn*. Bytes out:*nn*.

## Explanation

This message provides information on an ALCS process. The Operator does not need to respond to the message.

## Module

DXCCMPR

---

**DXC606I** Expanding dataset *name*

## Explanation

This message provides information on an ALCS process. The Operator does not need to respond to the message.

## Module

DXCCMPR

---

**DXC607I** Original name was *name*,  
blocksize *nn* compressed on  
*yy/ddd hh:mm:ss*

## Explanation

This message provides information on an ALCS process. The Operator does not need to respond to the message.

## Module

DXCCMPR

---

**DXC608S** Sorry, but the input dataset name  
*name* was not compressed by this  
program

## Explanation

The dataset was not compressed by the DXCCMPR utility and therefore cannot be expanded by it.

## Module

DXCCMPR

---

**DXC611W** Continuation statement but CC1  
not blank

## Explanation

Data on a continuation statement starts in column 1. Continuation data can start in any column except column 1.

## System action

STC interprets the statement as a continuation of the previous statement.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTCED

---

**DXC612W** Leading zeros inserted in binary  
field

## Explanation

A binary data item is not a multiple of 8 bits.

## System action

STC inserts the required number of zeros.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTCED

---

**DXC613W** Missing 'GEND' statement  
supplied

## Explanation

STC Edit has read a GSTAR statement (indicating the start of a new set of generation statements), but there was no GEND statement to indicate the end of the previous set.

## System action

STC continues processing as though the required GEND statement were there.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTCED

---

<b>DXC614W</b>	<b>No numeric operand for GSTAR - '1' supplied</b>
----------------	--

---

## Explanation

The GSTAR statement does not specify the number of records to generate for this set of generation statements.

## System action

STC generates one record. It flags as an error any data record definition statement in the set that specifies a record number greater than 1.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTCED

---

<b>DXC615W</b>	<b>GSSTAR operand too large - number substituted</b>
----------------	--

---

## Explanation

The number of records that the GSTAR statement specifies exceeds the maximum allowed. DXCSTCED currently allows up to 999 records.

## System action

STC generates *number* records.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTCED

---

<b>DXC616W</b>	<b>Possible unmatched quotes - Data truncated</b>
----------------	---

---

## Explanation

There is an unexpected character (that is, not a delimiter) following a closing quote.

## System action

STC ignores all characters that follow the closing quote.

## Programmer response

Correct the STC input before the next STC run in accordance with the description in *ALCS Installation and Customization*. If the action taken by STC is not what you intended, rerun STC Edit and STC.

## Module

DXCSTCED

---

<b>DXC617W</b>	<b>Only 1 data item allowed - Excess truncated</b>
----------------	--

---

## Explanation

You cannot specify more than one data item for operation codes ADD, ADDST, SUB, and SUBST.

## System action

STC ignores the extra data items, and processing continues.

## Module

DXCSTCED

---

<b>DXC618W</b>	<b>Data exceeds maximum of number bytes - Data truncated</b>
----------------	--

---

## Explanation

The length of the data item exceeds the maximum data length allowed. The maximum data length is the maximum record length minus the length of the prefix.

## System action

STC truncates the data to *number* bytes.

## Module

DXCSTCED

---

**DXC619W**      **Too many data items or continuations - Maximum number - Excess not processed**

## Explanation

*Number* is the maximum number of data items, or continuations of a single data item, that are allowed.

## System action

STC processes the first *number* data items or continuations, and ignores the rest.

## Module

DXCSTCED

---

**DXC620W**      **Field definition and GSTAR statement inconsistent - Excess records not written**

## Explanation

The number of records specified in a field definition statement exceeds the number of records that the GSTAR statement specifies.

## System action

STC generates data for records up to the maximum.

## Module

DXCSTCED

---

**DXC621W**      **BSTA06 field label missing - Record generated without file address**

## Explanation

For each record there must be a BSTA06 statement that specifies the file address where the record is loaded.

## System action

STC generates a record with no file address. This will cause an error when the data file is loaded.

## Module

DXCSTCED

---

**DXC622W**      **STC inserted before RUNID statement**

## Explanation

The statement that specifies the type of run (STC) was omitted.

## System action

STC assumes an STC statement, and processing continues.

## Module

DXCSTCED

---

**DXC623W**      **Too many data items or invalid continuation - Data truncated**

## Explanation

For operation codes ADD, ADDST, SUB, and SUBST, you can specify only one data item, and it cannot continue on to another statement.

## System action

STC ignores any continuation statement(s) and extra data items, and processing continues.

## Module

DXCSTCED

---

**DXC624W**      **Control statement ignored**

## Explanation

There is an unnecessary or unknown control statement.

## System action

STC ignores the control statement, and processing continues.

## Module

DXCSTCED

---

**DXC625W**      **Type of input missing - 'DATA' assumed**

## Explanation

There is no DATA or MSG control statement.

## System action

STC assumes a DATA control statement, and processing continues.

## Module

DXCSTCED

---

**DXC626W**      **Leading zero inserted in hex field**

## Explanation

An odd number of digits was specified in a hexadecimal data item.

## System action

STC inserts a leading zero, and processing continues.

## Module

DXCSTCED

---

**DXC627W**      **No '+' at end of message**

## Explanation

The last character in a free-format message is not an end-of-message character (hexadecimal 4E).

## System action

STC assumes an end-of-message character, and processing continues.

## Module

DXCSTCED

---

**DXC628T**      **More than *number* interrupts -  
Program terminated**

## Explanation

DXCSTCED contains a PL/I on-unit that handles the PL/I ERROR condition. The on-unit has been called more than *number* times. DXCSTCED currently allows a maximum of 10 calls.

## System action

STC ends abnormally.

## Programmer response

Ask your system programmer to inform your IBM programming support representative.

## Module

DXCSTCED

---

**DXC629I**      **Statements sequenced  
*start\_number* through *end\_number*  
not written to the output file**

## Explanation

Due to previously reported errors, STC is not writing input statements (from *start\_number* to *end\_number*) to the output file.

## System action

STC Edit continues editing the input.

## Programmer response

Deal with the previous error messages, and then rerun STC Edit and STC.

## Module

DXCSTCED

---

**DXC630I**      **Error condition raised *number*  
times during run**

## Explanation

DXCSTCED contains a PL/I on-unit that handles the PL/I ERROR condition. The on-unit was called *number* times.

## System action

Processing continues.

## Module

DXCSTCED

---

**DXC656W**      **No continuation statement and  
end of file reached - Statement not  
written**

## Explanation

The last input statement contains a non-blank character in column 72.

## System action

STC does not write out the last statement, and processing continues.

## Module

DXCSTCED

---

**DXC657W**      **GSTAR missing - 'GSTAR 1' with dummy field label supplied**

## Explanation

Self-explanatory.

## System action

STC supplies a GSTAR statement with a label of "DUMMY" and an operand field of 1, and processing continues.

## Module

DXCSTCED

---

**DXC658W**      **Invalid line address**

## Explanation

The first 6 characters of a free-format message generation statement were not a valid terminal address.

## System action

STC ignores the message generation statement, and any others relating to the same message, and processing continues.

## Module

DXCSTCED

---

**DXC659W**      **SUB/SUBST operation gives negative value**

## Explanation

When processing a SUB or SUBST operation code, the data was decremented to a negative value.

## System action

STC does not initialize any field that has a negative value, and processing continues.

## Module

DXCSTCED

---

**DXC660W**      **Invalid numeric**

## Explanation

Either a numeric data item does not contain valid decimal digits or the operand of a GSTAR statement is not numeric.

## System action

If a numeric data item is invalid, STC does not initialize the field. If a GSTAR operand is invalid, STC assumes "GSTAR 1". Processing continues.

## Module

DXCSTCED

---

**DXC661W**      **Invalid binary number**

## Explanation

A binary data item does not contain valid binary digits.

## System action

STC does not initialize the field, and processing continues.

## Module

DXCSTCED

---

**DXC662W**      **Parameters in error**

## Explanation

One of the following:

There is an invalid parameter on the operand field of a field definition statement.

The operand field of the GSTAR statement is invalid. It must be a 1- or 2-digit decimal number.

## System action

If there is an invalid parameter, STC ignores the field definition statement. If a GSTAR operand is invalid, STC assumes "GSTAR 1". Processing continues.

## Module

DXCSTCED

---

**DXC663W**      **Parameter missing**

## Explanation

There is a parameter missing in the operand field of a field definition statement.

### System action

STC ignores this statement and continues processing.

### Problem determination

Refer to "Running the ALCS system test compiler" in *ALCS Installation and Customization* for the format of the operand field.

### Module

DXCSTCED

---

**DXC664W Invalid file address format**

### Explanation

The data subfield of the operand field contains a file address that is invalid for one of the following reasons:

- Fixed file type symbol is undefined
- Record ordinal is too high for this fixed file type
- The format is not  
(*fixed\_file\_type\_symbol*)*record\_ordinal*.

### System action

STC ignores this statement and continues processing.

### Problem determination

Refer to *ALCS Installation and Customization* for the format of the data subfield. Refer to the ALCS DASD generation for details of fixed file types and numbers of records defined for each.

### Module

DXCSTCED

---

**DXC665W Data missing**

### Explanation

There is a field definition statement that has an operation code but no data.

### System action

STC ignores this statement and continues processing.

### Module

DXCSTCED

---

**DXC666W Invalid hexadecimal number**

### Explanation

A hexadecimal data item contains one or more characters that are not valid hexadecimal digits.

### System action

STC does not initialize the field, and processing continues.

### Module

DXCSTCED

---

**DXC667W No recognizable OP CODE or control statement**

### Explanation

Self-explanatory.

### System action

STC ignores this statement and continues processing.

### Module

DXCSTCED

---

**DXC668W Field label missing**

### Explanation

The operation requires either a field label or a numeric offset, but neither is present.

### System action

STC ignores this statement and continues processing.

### Module

DXCSTCED

---

**DXC669W SDMF control statement not supported - Ignored**

### Explanation

There is a standard data and message file (SDMF) control statement in the input. ALCS, however, does not support SDMF.

### System action

STC ignores this statement and continues processing.

### Module

DXCSTCED

---

**DXC670S Invalid sequence of control statements****Explanation**

Self-explanatory.

**System action**

STC produces no more output.

**Problem determination**

Refer to "Running the ALCS system test compiler" in *ALCS Installation and Customization* for the required sequence.

**Module**

DXCSTCED

---

**DXC671S No 'RUNID' found****Explanation**

Self-explanatory.

**System action**

STC produces no more output.

**Problem determination**

Refer to "Running the ALCS system test compiler" in *ALCS Installation and Customization* for the required statements.

**Module**

DXCSTCED

---

**DXC672W Invalid format for data item****Explanation**

The data subfield of the operand field is invalid.

**System action**

STC ignores this statement and continues processing.

**Problem determination**

Refer to "Running the ALCS system test compiler" in *ALCS Installation and Customization* for the format of the operand field.

**Module**

DXCSTCED

---

**DXC691T Run type already found****Explanation**

There is more than one run-type (STC) statement.

**System action**

STC Edit ends abnormally.

**Programmer response**

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

**Module**

DXCSTCED

---

**DXC692T Run type cannot be determined****Explanation**

The first input statement following the print control statements must contain the characters STC in columns 2 through 4.

**System action**

STC Edit ends abnormally.

**Programmer response**

Correct the STC input in accordance with the description in *ALCS Installation and Customization*, and rerun STC Edit and STC.

**Module**

DXCSTCED

---

**DXC750I Opening dataset DDname for mode****Explanation**

The dataset identified by the ddname *DDname* is being opened for *mode* of input or output.

**System action**

Processing continues

**Module**

DXCBCLPP, DXCBGTAG

---

**DXC751T**      **Cannot open dataset *DDname*****Explanation**

The dataset identified by the ddname *DDname* cannot be opened.

**System action**

Processing terminates abnormally.

**User response**

Check that the DD statements are coded correctly. For input mode check that the dataset exists and contains the expected data.

**Problem determination**

Check the job log for any additional messages from MVS or LE.

**Module**

DXCBCLPP, DXCBGTAG

---

**DXC752I**      ***nnn: inputtext*****Explanation**

DXCBCLPP is processing input line number *nnn* which contains the text *inputtext*. The entry points definition file statement is displayed for information and to aid problem diagnosis. Line 000 is a scale showing column offsets.

**System action**

Processing continues

**Module**

DXCBCLPP

---

**DXC753E**      **Parameter *keyword* omitted****Explanation**

The *keyword* parameter is required but has been omitted from the previous entry points definition file statement.

**System action**

Processing continues but the output is not valid.

**Programmer response**

Add the missing parameter to the statement and rerun the job. *ALCS Application Programming Guide* describes how to code the entry points definition file.

**Problem determination**

Check the statements displayed in the previous DXC752I messages.

**Module**

DXCBCLPP

---

**DXC754E**      **Parameter *keyword* not recognized****Explanation**

*keyword* was invalid in the position that it occurred or is incorrectly spelled or is not supported.

**System action**

Processing continues but the output is not valid.

**Programmer response**

Correct the statement and rerun the program. *ALCS Application Programming Guide* describes how to code the entry points definition file.

**Problem determination**

Check the statements displayed in the previous DXC752I message.

**Module**

DXCBCLPP

---

**DXC755E**      **At least one *TRANV* must be coded****Explanation**

At least one *TRANV* statement must be coded following a *BEGIN* statement in the entry points definition file.

**System action**

Processing continues but the output is not valid.

**Programmer response**

Code a *TRANV* statement and rerun the program. *ALCS Application Programming Guide* describes how to code the entry points definition file.

## Problem determination

Check the statements displayed in the previous DXC752I message.

## Module

DXCBCLPP

---

**DXC757T**      **File I/O error occurred**

## Explanation

An error occurred when reading, writing or repositioning on a dataset.

## System action

Processing terminates abnormally.

## User response

Check that the input was produced correctly by the previous job step. Rerun the job.

## Problem determination

Check the job log for any additional messages from MVS or LE.

## Module

DXCBCLPP, DXCBGTAG

---

**DXC758T**      **Error in input file - text**

## Explanation

An error was detected while processing the input file. The additional description *text* indicates how the error was detected.

## System action

Processing terminates abnormally.

## User response

Rerun the program. For input from an assembler listing file check that this is created with a record size of 121 and a format of FBM.

## Problem determination

Ask your system programmer to inform your IBM programming support representative.

## Module

DXCBGTAG

---

**DXC759T**      **Cross reference not found in input file**

## Explanation

No cross reference was found in the assembler listing input file.

## System action

Processing terminates abnormally.

## User response

Check that the input is a listing assembled using XREF(FULL).

## Problem determination

Ask your system programmer to inform your IBM programming support representative.

## Module

DXCBGTAG

---

**DXC760T**      **Not enough storage**

## Explanation

Required working storage was not available.

## System action

Processing terminates abnormally.

## User response

Increase the region size for the job in the JCL then rerun the job.

## Module

DXCBGTAG

---

**DXC761T**      **Error(s) detected - Structure unusable**

## Explanation

It is not possible to create a valid C language structure because of a previous error.

## System action

Processing terminates abnormally.

## User response

Correct the previously reported errors.

## Module

DXCBGTAG

---

**DXC765E**      **Only one *keyword* parameter allowed**

## Explanation

The entry points definition file statement contains more than one occurrence of the parameter *keyword*.

## System action

This occurrence of the parameter is ignored. Processing continues but the output is not valid.

## User response

Correct the statement and rerun the job. *ALCS Application Programming Guide* describes how to code the entry points definition file.

## Problem determination

Check the statements displayed in the previous DXC752I messages.

## Module

DXCBCLPP

---

**DXC766E**      **HLASM sysadata editionNumber xx not supported**

## Explanation

The DXCBGTAG does not support the HLASM version xx used to produce input.

## System action

Program terminates with return code 8.

## User response

Verify you are using a valid sysadata file. If the file is valid, contact your IBM programming support representative.

## Module

DXCBGTAG

---

**DXC780I**      **No options specified**

## Explanation

There were no options specified for the ALCS diagnostic file processor.

*ALCS Operation and Maintenance* describes the ALCS diagnostic file processor options.

## System action

The ALCS diagnostic file processor uses default options, and processing continues.

## Module

DXCDTP

---

**DXC781T**      **Invalid keyword - Rest of statement ignored**

## Explanation

An input statement (option) for the ALCS diagnostic file processor contained an invalid keyword.

*ALCS Operation and Maintenance* describes the ALCS diagnostic file processor options.

## System action

The ALCS diagnostic file processor checks the remaining input statements (if any) and then ends abnormally without printing the contents of the diagnostic file(s).

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid dump number.
2. A line that contains a single asterisk (\*) directly under the invalid dump number. This line identifies the dump number that is invalid.
3. This error message.

## Module

DXCDTP

---

**DXC782T**      **Invalid operand - Rest of statement ignored**

## Explanation

An input statement (option) for the ALCS diagnostic file processor contained an invalid operand.

*ALCS Operation and Maintenance* describes the ALCS diagnostic file processor options.

## System action

The ALCS diagnostic file processor checks the remaining input statements (if any) and then ends abnormally without printing the contents of the diagnostic file(s).

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid dump number.
2. A line that contains a single asterisk (\*) directly under the invalid dump number. This line identifies the dump number that is invalid.
3. This error message.

## Module

DXCDTP

---

**DXC783T**      **Invalid delimiter - Rest of statement ignored**

## Explanation

An input statement (option) for the ALCS diagnostic file processor contained an invalid delimiter.

*ALCS Operation and Maintenance* describes the ALCS diagnostic file processor options.

## System action

The ALCS diagnostic file processor checks the remaining input statements (if any) and then ends abnormally without printing the contents of the diagnostic file(s).

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid dump number.
2. A line that contains a single asterisk (\*) directly under the invalid dump number. This line identifies the dump number that is invalid.
3. This error message.

## Module

DXCDTP

---

**DXC784E**      **Too many dump numbers - Rest of statement ignored**

## Explanation

Input statements (options) for the ALCS diagnostic file processor contained dump numbers, ranges of dump numbers, or both. There is an upper limit on the total number of dump numbers and ranges of dump numbers. This limit has been exceeded. *ALCS Operation and Maintenance* describes the ALCS diagnostic file processor options.

## System action

The ALCS diagnostic file processor uses the options including dump numbers from the input statement, up to but excluding the number or range of numbers that exceeded the limit. It ignores any information on the rest of the input statement. If there are more input statements, then the ALCS diagnostic file processor processes them normally.

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid dump number.
2. A line that contains a single asterisk (\*) directly under the invalid dump number. This line identifies the dump number that is invalid.
3. This error message.

## Module

DXCDTP

---

**DXC785T**      **Invalid time - Rest of statement ignored**

## Explanation

An input statement (option) for the ALCS diagnostic file processor contained an invalid time (hours, minutes, and seconds). *ALCS Operation and Maintenance* describes the ALCS diagnostic file processor options.

## System action

The ALCS diagnostic file processor checks the remaining input statements (if any) and then ends abnormally without printing the contents of the diagnostic file(s).

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid dump number.

2. A line that contains a single asterisk (\*) directly under the invalid dump number. This line identifies the dump number that is invalid.
3. This error message.

## Module

DXCDTP

---

**DXC786E**      **Too many times - Rest of statement ignored**

## Explanation

Input statements (options) for the ALCS diagnostic file processor contained times (hours, minutes, and seconds). There is an upper limit on the total number of times, and this limit has been exceeded. *ALCS Operation and Maintenance* describes the ALCS diagnostic file processor options.

## System action

The ALCS diagnostic file processor uses the options including times from the input statement, up to but excluding the time that exceeded the limit. It ignores any information in the rest of the input statement. If there are more input statements, then the ALCS diagnostic file processor processes them normally.

## User response

Run DTP more than once, with subsets of the times required.

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid dump number.
2. A line that contains a single asterisk (\*) directly under the invalid dump number. This line identifies the dump number that is invalid.
3. This error message.

## Module

DXCDTP

---

**DXC787T**      **Logic error - Rest of statement ignored**

## Explanation

There is a program error in the ALCS diagnostic file processor.

## System action

The ALCS diagnostic file processor checks the remaining input statements (if any) and then ends abnormally without printing the contents of the diagnostic file(s).

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid keyword
2. A line that contains a single asterisk (\*) directly under the point where the program error was detected
3. This error message.

## Module

DXCDTP

---

**DXC788T**      **Invalid dump number range - Rest of statement ignored**

## Explanation

Input statements (options) for the ALCS diagnostic file processor contained one or more ranges of dump numbers. One of these ranges is not in ascending sequence.

## System action

The ALCS diagnostic file processor checks the remaining input statements (if any) and then ends abnormally without printing the contents of the diagnostic file(s).

## Problem determination

The ALCS diagnostic file processor prints:

1. The statement that contains the invalid dump number.
2. A line that contains a single asterisk (\*) directly under the invalid dump number. This line identifies the dump number that is invalid.
3. This error message.

## Module

DXCDTP

**DXC789T**

**Can not obtain storage for input  
buffer - Program terminated**

**Explanation**

The ALCS diagnostic file processor could not obtain storage (MVS GETMAIN macro) for the input buffer for the ALCS diagnostic file.

**System action**

The ALCS diagnostic file processor ends abnormally.

**User response**

Increase the space allocation on the job control EXEC statement and resubmit the ALCS diagnostic file processor job.

**Module**

DXCDTP

---

## Chapter 4. ALCS generation macro MNOTEs: DXC800-DXC999

---

**DXC800W**      **Number of assigned fixed file types cannot exceed 4094 -- Please inform IBM that you have reached 3500**

### Explanation

Self-explanatory.

### System programmer response

Inform your IBM programming support representative

---

**DXC801E**      **COMID must be a single alphabetic character**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC802E**      **Parameter v1 conflicts with parameter v2**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC803E**      **Parameter v1 must be v2 hexadecimal digits in range v3 through v4**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC804E**      **Subparameter(s) for parameter v1 must be v2 hexadecimal digits in range v3 through v4**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC805W**      **No resources defined**

### Explanation

This generation does not contain any COMDEF macroinstructions.

### System action

Processing continues.

### System programmer response

Correct the error and rerun the generation.

---

**DXC806W**      **Resource v1 has ordinal v2 greater than MAXORD**

### Explanation

Self-explanatory.

### System action

Processing continues.

### System programmer response

Correct the error and rerun the generation.

---

**DXC807E**      **v1 has been specified more than once**

### Explanation

The specified resource v1 has already been specified in this communication generation. It can only be specified once.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC808E**      **CRAS CRI v1 not allowed for CRI parameter**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC809W**      **Return code v1 from user validation - User data will be discarded**

### Explanation

The user macro DXCZCUSR has set the global set symbol USERR to v1. This indicates that the user data is in error.

### System action

Processing continues. No user data is generated for this resource.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC810E**      **v1 is not valid for v2 parameter**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC812E**      **v1 is invalid with v2**

### Explanation

The specified parameters v1 and v2 are incompatible. One parameter conflicts with the other.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC813I**      **v1 is implemented as v2 for v3**

### Explanation

A parameter that is not required (v1) was specified or an implementation restriction is in effect.

### System action

The values specified are assumed. Processing continues.

---

**DXC814I**      **v1 is not implemented - Set to v2**

### Explanation

ALCS does not implement v1.

### System action

The default value v2 is used. Processing continues.

---

**DXC817E**      **Number of terminal-ids must be equal to the number of terminal addresses specified**

### Explanation

The number of entries for the parameters CSID and TA must be the same.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC819E**      **WTTY full-duplex resource names must not be identical**

### Explanation

The send and receive sides of a full-duplex WTTY resource must have different LU names.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC820E**      **Either parameter v1 or parameter v2 of macro v3 must be specified, but not both**

### Explanation

Parameters v1 and v2 are mutually exclusive. Specify only one of them.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC821E**      **v1 must not be greater than v2**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC823E**      **Length of user data was specified as '0' on COMGEN macro - User data ignored**

### Explanation

The USERDAT or USERmm parameter was specified with user data, but the length of the user data field specified by the USERLEN parameter of the COMGEN macro is zero.

### System action

The user data is ignored. The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC824E**      **Return code v1 from user validation**

### Explanation

The user macro DXCZCUSR has indicated the user data is seriously in error.

### System action

The user data is ignored. The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC825E**      **Total number of WTTY and SLC link resources must not exceed 255**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC827W**      **No corresponding SLC link defined for remote ALC terminal v1 accessed by link v2**

### Explanation

This generation does not contain a definition for the SLC link v2 which is required to access v1. This is not an error if the SLC link was defined in a previous communication generation.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

<b>DXC828E</b>	<b>Parameter COMID must specify another system</b>
----------------	--

## Explanation

The parameter COMID must specify the system at the remote end of a link.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC829W</b>	<b>No corresponding ALCI LU defined for ALC terminal v1 accessed through v2</b>
----------------	---

## Explanation

This generation does not contain a definition for the ALCI LU v2 which is required to access v1. This is not an error if the ALCI LU was defined in a previous communication generation.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

<b>DXC831W</b>	<b>Remote ALC terminal v1 with non-zero IA does not specify a TYPE6 X.25 PVC</b>
----------------	--

## Explanation

An X.25 ALC terminal with a non-zero interchange address (IA) can only be accessed through an X.25 PVC that is TYPE6.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

<b>DXC832W</b>	<b>Remote ALC terminal v1 with zero IA does not specify a TYPE1 X.25 PVC</b>
----------------	--

## Explanation

An X.25 ALC terminal with a zero interchange address (IA) can only be accessed through an X.25 PVC that is TYPE1.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

<b>DXC833E</b>	<b>Remote ALC terminal v1 does not specify a TYPE1 or TYPE3 SLC link</b>
----------------	--

## Explanation

A remote ALC terminal can only be accessed through an SLC link that is TYPE1 or TYPE3.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC834E</b>	<b>Duplicate resource name v1</b>
----------------	-----------------------------------

## Explanation

The UPDATE parameter is ADD, but resource v1 is already defined in this generation.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC835E</b>	<b>Resource name v1 has duplicate CRI -- v2</b>
----------------	---

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC836E</b>	<b>Resource name v1 has duplicate ordinal - v2</b>
----------------	--

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC837W</b>	<b>No message router path specified for ALCS application v1 owned by system v2</b>
----------------	--

## Explanation

There is no path specified, in this generation, between this system and the system v2 which owns the application v1. This is not an error if the message router path was defined in a previous communication generation.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

<b>DXC838W</b>	<b>CRI address conflicts with COMGEN CRIRANGE</b>
----------------	---

## Explanation

The COMGEN macro has specified ranges of CRI addresses (in the CRIRANGE parameter) that are for the exclusive use of the ALCS off-line communication generation, but the CRI address is not within any of the specified ranges.

## System action

Processing continues.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC839W</b>	<b>Resource ordinal number conflicts with COMGEN ORDRANGE</b>
----------------	---

## Explanation

The COMGEN macro has specified ranges of communication resource ordinal numbers (in the ORDRANGE parameter) that are for the exclusive use of the ALCS off-line communication generation, but the resource ordinal number is not within any of the specified ranges.

## System action

Processing continues.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC840S</b>	<b>Class clash in generation tables for record type v1 - Expected v2; found v3</b>
----------------	--

## Explanation

The ALCS generation macros detected an internal logic error.

## System action

The stage 2 deck is not created.

## System programmer response

If this error occurs, inform your IBM programming support representative.

---

<b>DXC841E</b>	<b>Database Lv1 records - Addressability too large -- v2 segment(s) required</b>
----------------	--

## Explanation

The number of records of this size has exceeded the segment addressability capacity.

## System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation. Check the SEGMENTS parameter in the DBGGEN and DBSPACE macros. If it is correct, add more segments of addressability according to v2.

---

**DXC842E**      **No v1 records allocated**

### Explanation

ALCS requires record types #KPTRI and #CPRCR. For information about these record types, see *ALCS Installation and Customization*.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC843W**      **Duplicate definition for general file v1 - This definition ignored**

### Explanation

Self-explanatory.

### System action

Processing continues.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC844I**      **Number of allocated v1 records (v2) less than migrating records (migrating v1 v3, migrating duplicated v1 v4) - Allocation increased to v5**

### Explanation

Refer to *ALCS Installation and Customization* for an explanation of pool records migration.

### System action

Processing continues.

---

**DXC845E**      **General file 0 must be defined for ALCS Recoup use**

### Explanation

Refer to *ALCS Installation and Customization* for Recoup requirements.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC846E**      **Database Lv1 records - Data set too large - v2 data sets required**

### Explanation

The number of records in this data set has exceeded VSAM addressing capacity.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

### System programmer response

Check the NUMBER parameter in the USRDTA macro. If it is correct, split the data set according to v2.

---

**DXC847W**      **Parameter v1 in macro v2 defined for pool-type record v3 - Parameter ignored**

### Explanation

The specified parameter does not apply to pool-type records.

### System action

Processing continues.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC848E**      **Neither v1 nor v2 specified in macro v3 for record type v4 - One of these required**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC849E** Both v1 and v2 specified in macro v3 for record type v4 - Only one of these permitted

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC850E** v1 parameter not valid with action v2 - Macro v3, record type v4

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC851W** VFA options not specified in macro v1 for fixed record type v2 - File immediate assumed

### Explanation

Self-explanatory.

### System action

Processing continues.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC852E** Band information specified in macro v1 not valid - Must be 2, 4, or 6 hexadecimal digits

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC853E** Band information specified in macro v1 not valid - Must not be all zeros

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC854E** Band information specified in macro v1 not valid - Conflicts with previous band information

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC855S** The value of symbol v1 is greater than 255 - Can not allocate default band

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

## System programmer response

Specify the fixed record type explicitly, instead of trying to use the defaults.

---

**DXC856E**      **Action v1 for type v2 in macro v3 conflicts with previous spill request**

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC857E**      **No band specified for record type v1**

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC858E**      **v1 records requested for type v2 - Band ordinal(s) chosen allow only up to v3**

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC859W**      **Record ID(s) defined but no records allocated for type v1**

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error if necessary and rerun the generation. You can delete record IDs that are no longer required; *ALCS Installation and Customization* explains how to do this.

---

**DXC860E**      **Percentage change specified on zero record allocation for record type v1**

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC861E**      **Band information specified in macro v1 not valid -- Bands v2 to v3 reserved for system records**

## Explanation

Self-explanatory

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation.

---

**DXC862E**      **No band specified for allocatable pool size v1**

## Explanation

For the DBGEN macro BAND parameter, there is no band specified for record size v1.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation. Check the BAND parameter in the DBGEN macro. If it is correct, add a band for record size v1.

---

**DXC863E**      **Update to long term pool allocation not allowed after DBHIST DEFINE\_MIGRATE\_FROM or DEFINE\_NEW**

**Explanation**

Self-explanatory. See *ALCS Installation and Customization* for a full explanation of how to use the DBHIST macro.

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC864E**      **DBHIST v1 not permitted before DBHIST v2**

**Explanation**

Self-explanatory

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC865E**      **You are attempting to delete more type v1 records than are allocated**

**Explanation**

Self-explanatory

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC866E**      **Only one DBHIST v1 macro permitted**

**Explanation**

Self-explanatory

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC867E**      **DBHIST v1 not permitted without DBHIST v2**

**Explanation**

Self-explanatory

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC868E**      **v1 only permitted on first DBHIST macro**

**Explanation**

Self-explanatory

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC869E**      **One of DBHIST DEFINE\_NEW or DBHIST DEFINE\_MIGRATE\_FROM must be specified**

**Explanation**

Self-explanatory

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC870E**      **v1 change not permitted**

**Explanation**

A USRDTA ACTION=ADD or ACTION=REPLACE instruction in the DASD stage 1 generation specifies a different record size to the original record allocation.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

<b>DXC871E</b>	<b>Not enough Lv1 LT pool to allow for additional fixed file and ST records</b>
----------------	---

## Explanation

Self-explanatory. See *ALCS Installation and Customization* for a full explanation of how to use the DBHIST macro.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC872E</b>	<b>Database Lv1 records -- No data sets specified -- v2 data set(s) required</b>
----------------	--

## Explanation

For the DBGEN macro VOLUMES parameter, there is no *equal vols* specified for record size *v1*.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation. Check the VOLUMES parameter in the DBGEN macro.

---

<b>DXC873W</b>	<b>Attention - Number of calls of DBSPACE for any size cannot exceed 475 -- please inform IBM you have exceeded 400</b>
----------------	---

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not produced.

## System programmer response

If this message occurs inform your IBM programming support representative.

---

<b>DXC874S</b>	<b>Implementation restriction - number of calls of DBSPACE for any size cannot exceed 475</b>
----------------	---

## Explanation

Self-explanatory.

## System programmer response

If this error occurs, inform your IBM programming support representative.

---

<b>DXC875E</b>	<b>Not enough size L3 records for the whole of allocatable pool -- v2 segment(s) required</b>
----------------	---

## Explanation

ALCS reserves some size L3 records for system use. There are not enough logically-addressable size L3 records to enable ALCS to physically access all the addressable records on the real-time database.

## System action

Processing continues.

## System programmer response

Use the DBSPACE macro to add more addressability for size L3 records if required and rerun the generation.

---

<b>DXC876E</b>	<b>Database v1 records -- Data set too large -- v2 data sets required with maximum of v3 segments in each</b>
----------------	---

## Explanation

The number of logically-addressable records in this data set has exceeded VSAM addressing capacity.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC877E</b>	<b>Record ID not defined - cannot be deleted</b>
----------------	--

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

<b>DXC878E</b>	<b>General file v1 not defined - cannot be deleted or replaced</b>
----------------	--

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

<b>DXC879E</b>	<b>General file delete or replace not allowed before DBHIST DEFINE_MIGRATE_FROM or DEFINE_NEW</b>
----------------	---

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

<b>DXC880W</b>	<b>Attention - Number of assigned fixed file types cannot exceed 4094 - Please inform IBM that you have reached v1</b>
----------------	--

### Explanation

Self-explanatory.

### System action

Processing continues.

### System programmer response

If this message occurs inform your IBM programming support representative.

---

<b>DXC881E</b>	<b>ACTION=UNDELETE or ACTION=PURGE expected</b>
----------------	---

### Explanation

ACTION=UNDELETE or ACTION=PURGE are the only values allowed after ACTION=DELETE for the same record type.

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

<b>DXC882E</b>	<b>No preceding ACTION=DELETE</b>
----------------	-----------------------------------

### Explanation

ACTION=UNDELETE or ACTION=PURGE are only allowed after ACTION=DELETE for the same record type.

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

<b>DXC883E</b>	<b>v1 not allowed before DBHIST DEFINE_MIGRATE_FROM or DEFINE_NEW</b>
----------------	---

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

<b>DXC884E</b>	<b>ACTION=SPILL not allowed after DBHIST DISPENSE_TYPE2_LONG_TERM</b>
----------------	---

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC885E</b>	<b>Spill request conflicts with previous add/delete request</b>
----------------	---

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC886E</b>	<b>Spill request is only allowed for fixed file</b>
----------------	---

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not produced.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC887W</b>	<b>A record type v1 with only 1 record may cause invalid return from FACE</b>
----------------	---

## Explanation

You can define a fixed file type having only one record. However this can result in ambiguous return conditions from FACE. On return from FACE register R00 contains zero if an error occurred or the highest valid ordinal if it did not. However if there is only 1 record in the type then R00 will contain zero in either case and it is then impossible to determine if an error has occurred.

## System programmer response

No action is required if your application programs do not test for an error return from FACE. However IBM recommends that you define all fixed file types with more than one record.

---

<b>DXC888W</b>	<b>Attention - No addressability has yet been defined for this record size.</b>
----------------	---

## Explanation

You have added a new record size using the DBSPACE macro but you need to specify both the VOLUMES and SEGMENTS parameters in order to define addressability for the data sets.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

<b>DXC889E</b>	<b>v1 segments requested for type v2 - Band ordinal(s) chosen allow only up to v3</b>
----------------	---

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

<b>DXC890E</b>	<b>v1 records requested for type v2 - ST pool directories allow only up to v3</b>
----------------	---

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Reduce the number of short-term pool records for this size and rerun the generation.

---

**DXC895E**      **You are attempting to delete more type v1 records than are allocated**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not produced.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC901S**      **Macro v1 missing**

**Explanation**

ALCS requires the v1 macro in the stage 1 deck.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC902E**      **Subparameter(s) of parameter v1 missing**

**Explanation**

Refer to *ALCS Installation and Customization* for a description of parameter v1.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC903E**      **Parameter v1 missing**

**Explanation**

Refer to *ALCS Installation and Customization* for a description of parameter v1.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC904E**      **Parameter v1 invalid or missing**

**Explanation**

For the USRDTA macro, parameter v1 is invalid or missing for the record being generated. Ensure that the corresponding record size has been defined through parameters CISIZE and RECSIZE of the ALCS generation macro.

For other macros this message is self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC905E**      **Parameter v1 must be an integer in range v2 through v3**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC906E**      **Parameter v1 must be a positive integer**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC907E**      **Parameter v1 less than v2 or greater than v3**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC908E**      **Parameter v1 less than v2**

### Explanation

Parameter v1 must be equal to or greater than v2.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC909E**      **Parameter v1 greater than v2**

### Explanation

Parameter v1 must be equal to or less than v2.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC910E**      **Parameter v1 must be a valid hexadecimal number**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC911E**      **Invalid subparameter(s) for parameter v1**

### Explanation

Refer to *ALCS Installation and Customization* for a description of parameter v1.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC912E**      **Maximum length for parameter v1 is v2 characters**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC913E**      **Subparameter(s) of parameter v1 must be positive integer(s)**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC914E**      **Parameter v1 has too many subparameters**

### Explanation

Refer to *ALCS Installation and Customization* for a description of parameter v1.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

### System programmer response

Depending on the macro, you may be able to distribute the subparameters between more than one macroinstruction.

---

**DXC915S**      **Implementation restriction - Dimension v1 of set symbol array v2 exceeded executing macro v3**

## Explanation

The ALCS generation detected an implementation restriction. The dimension of an assembler language set symbol array was not high enough to contain the variables for this generation.

## System action

The stage 2 deck is not created.

## System programmer response

If this error occurs, inform your IBM programming support representative.

---

**DXC916W**      **Parameter v1 ignored**

## Explanation

Parameter v1 was not appropriate; ALCS ignores it.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC917W**      **Parameter v1 invalid - Default of v2 assumed**

## Explanation

Self-explanatory.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC918W**      **Duplicate v1 macro - Ignored**

## Explanation

Self-explanatory.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC919S**      **Invalid sequence of ALCS generation macros**

## Explanation

The correct sequence of ALCS generation macros is:

1. ALCS
2. JOBCARD
3. Macros that describe components (for example, SCTGEN, COMGEN, and so on)
4. ALCSGEN.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC920E**      **Parameter v1 must be a decimal number with one decimal digit (format N.N or NN.N)**

## Explanation

Self-explanatory.

## System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC921W**      **Maximum length for parameter v1 is v2 characters - Default v3 used**

## Explanation

Self-explanatory.

## System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC922I**      **Parameter v1 less than v2**

### Explanation

Parameter *v1* is usually equal to or greater than *v2*.

### System action

Processing continues.

### User response

Check that you do want these values for *v1* and *v2*.

---

**DXC923I**            **Parameter *v1* greater than *v2***

### Explanation

Parameter *v1* is usually equal to or less than *v2*.

### System action

Processing continues.

### User response

Check that you do want these values for *v1* and *v2*.

---

**DXC924I**            **Default value *v1* used for  
parameter *v2***

### Explanation

Self-explanatory.

### System action

Processing continues.

---

**DXC925S**            **Logic error - Parameter *v1* with  
invalid value *v2* in macro *v3***

### Explanation

The ALCS generation detected an internal logic error. A generation macro called macro *v3* with an incorrect parameter value.

### System action

The stage 2 deck is not created.

### System programmer response

If this error occurs, inform your IBM programming support representative.

---

**DXC926S**            **Logic error - Invalid parameters  
passed to punch macro DXCZV**

### Explanation

The ALCS generation detected an internal logic error. A generation macro called macro DXCZV with an incorrect parameter value.

### System action

The stage 2 deck is not created.

### System programmer response

If this error occurs, inform your IBM programming support representative.

---

**DXC927E**            **Format of parameter *v1* must be  
*v2***

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC928E**            **Parameter *v1* must be one of *v2* ...  
*v10***

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC929E**            **Parameter *v1* must not specify  
*v2* ... *v10***

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC930E**      **Subparameters of parameter v1 must be hexadecimal numbers**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC931E**      **Parameter v1 must be v2 hexadecimal digits**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC932E**      **Subparameter v1 of parameter v2 invalid**

**Explanation**

Refer to *ALCS Installation and Customization* for a description of subparameters for parameter v2.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC933W**      **Parameter v1 and parameter v2 specified - v2 ignored**

**Explanation**

Self-explanatory.

**System action**

Processing continues.

**System programmer response**

Correct the error if necessary, and rerun the generation.

---

**DXC934E**      **Parameter v1 must be an integer equal to v2 or greater**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC935E**      **Parameter v1 omitted - Parameter v2 ignored**

**Explanation**

Self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC936W**      **Parameter v1 must be an integer in range v2 through v3 - Set to v4**

**Explanation**

Self-explanatory.

**System action**

Processing continues.

**System programmer response**

Correct the error if necessary, and rerun the generation.

---

**DXC937E**      **Neither v1 nor v2 specified in macro v3 --**

**Explanation**

Self-explanatory

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

**DXC938E**      **Both v1 and v2 specified in macro v3 -- Onl**

### Explanation

Self-explanatory

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

**DXC939E**      **Inconsistent number of subparameters of parameter v1 with subparam**

### Explanation

The number of subparameters of v1 and v2 must be equal.

### System action

The stage 2 deck is not produced.

### System programmer response

Correct the error and rerun the generation.

---

**DXC950T**      **ALCS generation terminated due to previously detected errors**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

### Problem determination

Check the assembler listing for severity E or S generation messages preceding this one.

---

**DXC951W**      **Too many jobcards specified - Only the first v1 used**

### Explanation

There are too many parameters (JCL statements) for the ALCS JOBCARD generation macro.

### System action

Processing continues. The stage 2 deck includes only the first v1 JOBCARD macro parameters.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC952E**      **Invalid v1 size v2 bytes for size v3 records**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC961S**      **Macro v1 has been called more than v2 times**

### Explanation

There cannot be more than v2 sequential files.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC963E**      **File v1 already specified in a previous call of v2 macro**

### Explanation

Sequential file is already defined.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

### System programmer response

Change the name of the sequential file or delete this definition.

---

**DXC964E**      **Parameter v1 omitted - Parameter v2 rejected**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC965W**      **Parameter v1 already specified - This call ignored**

### Explanation

This parameter can only be specified once.

### System action

Processing continues.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC965W**      **Parameter v1 already specified - This call ignored**

### Explanation

This parameter can only be specified once.

### System action

Processing continues.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC966E**      **v1=v2 conflicts with v3=v4**

### Explanation

Self-explanatory.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC967W**      **Block size must be exact multiple of record length - BLKSIZE set to v1**

### Explanation

Self-explanatory.

### System action

Processing continues.

### System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC968E**      **File specified in the USE parameter is the same as the file specified in the NAME parameter**

### Explanation

USE parameter must refer to another sequential file.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC969E**      **Sequential file generation requires a v1 file**

### Explanation

ALCS requires one (and only one) v1 file in every sequential file generation.

### System action

The stage 2 deck is not created.

### System programmer response

Correct the error and rerun the generation.

---

**DXC970E Sequential file generation requires at least one v1 file****Explanation**

ALCS requires one or more v1 files in every sequential file generation.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC971E Sequential file v1 cannot use file v2****Explanation**

Sequential file v1 cannot use file v2 because that file:

- Is the log file, or
- Is the diagnostic file, or
- Has itself specified USE.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC972E v1=v2 conflicts with v3 sequential file****Explanation**

When v3 is INPUT, INPUT data sets:

- Cannot have disposition NEW or MOD
- Can only be GENERAL files.

For other values of v3, this message is self-explanatory.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC973I 'USE' parameter specified - File description parameters ignored****Explanation**

Specifying a USE parameter on the SEQGEN macro results in overruling the sequential file's own description parameters by those of the sequential file specified in the USE parameter.

**System action**

Processing continues.

---

**DXC974E Duplicate sequential file\_type file defined in generation****Explanation**

You have tried to code two sequential files on the SEQGEN macro and ALCS does not allow this. Where *file\_type* is one of:

- Diagnostic
- Logging
- Data collection

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC980E Storage unit size, v1 bytes, must be larger than any specified control interval size****Explanation**

Refer to *ALCS Installation and Customization* for a description of storage units.

**System action**

The stage 2 deck is not created.

**System programmer response**

Correct the error and rerun the generation.

---

**DXC981E POOLCTL-1 must be less than POOLCTL-2****Explanation**

The first subparameter of POOLCTL must be less than the second one.

**System action**

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC982W**      **Attention - No v1 limit in effect**

### Explanation

No limit has been set for variable *v1* and the system limit is now in effect. This may cause unexpected results or adversely affect system performance.

### System action

Processing continues.

## System programmer response

Correct the error if necessary, and rerun the generation.

---

**DXC983E**      **Parameter v1 must be specified first**

### Explanation

Parameter *v1* must be the first parameter specified in the parameter list.

### System action

The stage 2 deck is not created.

## System programmer response

Correct the error and rerun the generation.

---

**DXC984W**      **DATEFORM parameter is too long for an IBM 3270 display**

### Explanation

The installation default date format defined by the SCTGEN DATEFORM parameter is too long to fit on the bottom line of the IBM 3270 display layout used by ALCS.

ALCS will use the date format DD.MM.YY for the display layout instead. The installation default date format is not affected.

### System action

Processing continues.

## System programmer response

If an installation default date format is required on the bottom line of the IBM 3270 display layout used

by ALCS, then shorten the DATEFORM parameter and rerun the generation.

---

**DXC994S**      **Logic error - Message number unknown in call to message macro**

### Explanation

The ALCS generation detected an internal logic error. A generation macro called the message macro with an unknown message number.

### System action

The stage 2 deck is not created.

## System programmer response

If this error occurs, inform your IBM programming support representative.

---

**DXC995S**      **Logic error - Invalid component on call to message macro**

### Explanation

The ALCS generation detected an internal logic error. A generation macro called the message macro with an unknown subcomponent code.

### System action

The stage 2 deck is not created.

## System programmer response

If this error occurs, inform your IBM programming support representative.

---

**DXC996S**      **Logic error - Message number must be 3 digits in call to message macro**

### Explanation

The ALCS generation detected an internal logic error. A generation macro called the message macro with an unknown message number.

### System action

The stage 2 deck is not created.

## System programmer response

If this error occurs, inform your IBM programming support representative.

---

**DXC997S**      **Logic error - Non-numeric message number in call to message macro**

### **Explanation**

The ALCS generation detected an internal logic error. A generation macro called the message macro with a non-numeric message number.

### **System action**

The stage 2 deck is not created.

### **System programmer response**

If this error occurs, inform your IBM programming support representative.

---

<b>DXC998S</b>	<b>Logic error - Parameter missing in call to message macro</b>
----------------	---

### **Explanation**

The ALCS generation detected an internal logic error. A generation macro called the message macro but there was a parameter missing.

### **System action**

The stage 2 deck is not created.

### **System programmer response**

If this error occurs, inform your IBM programming support representative.

---

<b>DXC999S</b>	<b>Logic error - Invalid message text in message macro</b>
----------------	--

### **Explanation**

The ALCS generation macro that generates MNOTEs has detected invalid text in an MNOTE. This is an internal logic error in the macro.

### **System action**

The stage 2 deck is not created.

### **System programmer response**

If this error occurs, inform your IBM programming support representative.

---

## Chapter 5. ALCS application macro MNOTEs: DXC1000-DXC1999

---

**DXC1001E**      **v1 parameter invalid or omitted**

### Explanation

Parameter *v1* is mandatory. The macroinstruction either omits the parameter or specifies it incorrectly.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1002W**      **v1 parameter invalid or omitted -  
v2 used**

### Explanation

Parameter *v1* is mandatory. The macroinstruction either omits the parameter or specifies it incorrectly.

### System action

The macrogeneration proceeds as if the macroinstruction specified *v2*.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1003I**      **v1 used**

### Explanation

This message follows another message.

### System action

The macrogeneration proceeds as if the macroinstruction specified *v1*.

### Programmer response

Correct the macroinstruction identified by the preceding message, and resubmit the assembly.

---

**DXC1004E**      **v1 parameter invalid or omitted**

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1005E**      **Label omitted or invalid**

### Explanation

The macroinstruction requires a valid label in the name field.

### System action

The macroinstruction does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1010E**      **v1 parameter invalid - Must be  
alphabetic**

### Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be one or more alphabetic characters (A-Z).

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1011E**      **v1 parameter invalid - Must be  
numeric**

## Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be one or more decimal digits (0-9).

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1012E</b>	<b><i>v1</i> parameter invalid - Must be hexadecimal</b>
-----------------	--

## Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be one or more hexadecimal digits (0-9 and A-F).

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1013E</b>	<b><i>v1</i> parameter invalid - Must be binary</b>
-----------------	---

## Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be one or more binary digits (0 and 1).

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1014E</b>	<b><i>v1</i> parameter invalid - Must be alphameric</b>
-----------------	---

## Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be one or more alphabetic characters or decimal digits (A-Z and 0-9).

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1015E</b>	<b><i>v1</i> parameter invalid - First character must be alphabetic</b>
-----------------	---

## Explanation

The macroinstruction specifies parameter *v1* incorrectly. The first character must be alphabetic (A-Z).

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1016E</b>	<b><i>v1</i> parameter invalid - Too many entries in sublist</b>
-----------------	--

## Explanation

Self explanatory.

## System action

The macroinstruction does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1017E</b>	<b><i>v1</i> parameter invalid - Not enough entries in sublist</b>
-----------------	--

## Explanation

Self explanatory.

## System action

The macroinstruction does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1020E**      ***v1* parameter invalid - Must be *number* characters**

### Explanation

The macroinstruction specifies parameter *v1* incorrectly. Its length must be exactly *number* characters.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1021E**      ***v1* parameter invalid - Must be *number1* to *number2* characters**

### Explanation

The macroinstruction specifies parameter *v1* incorrectly. Its length must be in the range *number1* through *number2* characters.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1022E**      ***v1* parameter invalid - Must be more than *number* characters**

### Explanation

The macroinstruction specifies parameter *v1* incorrectly. Its length must be more than *number* characters.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1023E**      ***v1* parameter invalid - Must be less than *number* characters**

### Explanation

The macroinstruction specifies parameter *v1* incorrectly. Its length must be less than *number* characters.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1024E**      ***v1* parameter invalid - Must be *number1* or *number2* characters**

### Explanation

The macroinstruction specifies parameter *v1* incorrectly. Its length must be either *number1* or *number2* characters.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1025E**      ***v1* parameter invalid - Must be numeric in range *number1* through *number2***

### Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be specified as one or more decimal digits (0-9). The value must be in the range *number1* through *number2*.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1030E**      ***v1* parameter invalid - Must be 'YES' or 'NO'**

## Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be either YES or NO - ALCS does not accept abbreviations Y or N.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1031E</b>	<b><i>v1</i> parameter invalid - Must be one of <i>option1 option2 ...</i></b>
-----------------	--

## Explanation

The macroinstruction specifies parameter *v1* incorrectly. It must be one of the listed options, *option1*, *option2*, and so on.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1050E</b>	<b>Both <i>v1</i> and <i>v2</i> parameters specified</b>
-----------------	--

## Explanation

The macroinstruction specifies both parameters *v1* and *v2*. The macro allows one or the other, but not both. ALCS ignores both parameters.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1051W</b>	<b>Both <i>v1</i> and <i>v2</i> parameters specified - <i>v2</i> ignored</b>
-----------------	--

## Explanation

The macroinstruction specifies both parameters *v1* and *v2*. The macro allows one or the other, but not both.

## System action

The macrogeneration proceeds as if the macroinstruction omitted *v2*.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1052E</b>	<b>Both <i>v1</i> and <i>v2</i> parameters invalid or omitted</b>
-----------------	---

## Explanation

The macroinstruction either:

- Specifies both parameters *v1* and *v2* incorrectly
- Omits both parameters *v1* and *v2*
- Specifies one of the parameters *v1* and *v2* incorrectly and omits the other.

The macro requires either one or the other or both.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1053E</b>	<b><i>v1</i> parameter specified but <i>v2</i> parameter omitted</b>
-----------------	--

## Explanation

If you specify parameter *v1*, you must also specify parameter *v2*.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1054E</b>	<b>Parameters <i>v1</i> and <i>v2</i> conflict</b>
-----------------	--

## Explanation

Self-explanatory.

## System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1055E**      **Both positional and keyword parameters specified**

### Explanation

The macroinstruction specifies both positional parameters and keyword parameters. The macro allows one or the other, but not both.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1056E**      **Both positional and keyword parameters specified for v1**

### Explanation

The macroinstruction specifies both a positional parameter and a keyword parameter for v1. The macro allows one or the other, but not both.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1057E**      **Do not combine the following parameters - Use only one of v1 v2 ...**

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1058E**      **At least one of the following parameters is required - v1 ... v8**

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1060W**      **v1 parameter ignored**

### Explanation

Self-explanatory.

### System action

The macrogeneration proceeds as if the macroinstruction omitted v1.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1061I**      **v1 parameter ignored**

### Explanation

Self-explanatory.

### System action

The macrogeneration proceeds as if the macroinstruction omitted v1.

---

**DXC1070E**      **No parameters specified**

### Explanation

The macroinstruction has no operands.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1071W**      **No parameters specified**

### Explanation

The macroinstruction has no operands.

### System action

The macroinstruction expands to nothing.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1072I**      **No parameters specified**

### Explanation

The macroinstruction has no operands.

### System action

The macroinstruction expands to nothing.

### Programmer response

If necessary, correct the macroinstruction and resubmit the assembly.

---

**DXC1073E**      **Too many positional parameters specified**

### Explanation

More positional parameters were specified on the macroinstruction than were expected by the macro.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1080E**      **Register *reg* not allowed for *v1* parameter**

### Explanation

The macroinstruction specifies register *reg* for parameter *v1*. The macro does not allow this register.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1081E**      ***v1* not allowed for *v2* parameter**

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1082E**      ***v1* not allowed if *v2 v3 v4***

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1083E**      ***v1* required if *v2 v3 v4***

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1084E**      ***v1* not allowed for *v2 v3 v4***

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1085E**      ***v1* required for *v2 v3 v4***

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1086E**      **v1 macro not allowed before first v2 macro**

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1087E**      **v1 invalid - Length must be between v2 and v3**

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1090I**      **Dummy macro**

### Explanation

The macro is a dummy. That is, the macro does not generate any instructions.

### System action

None, the macro does not generate executable instructions.

---

**DXC1101E**      **Base register invalid or omitted**

### Explanation

Either the macroinstruction specifies the base register incorrectly or it omits the parameter that specifies the base register for the DSECT.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1102W**      **Suffix more than one character - First character used**

### Explanation

The macroinstruction incorrectly specifies the suffix for the DSECT labels. The suffix must be a single character.

### System action

The macrogeneration proceeds as if the macroinstruction specified only the first character of the suffix.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1103E**      **Suffix must not be one of *suffix1* *suffix2* ...**

### Explanation

The macroinstruction specifies one of the list of suffixes (*suffix1* *suffix2* ...). The macro does not allow any of these suffixes.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1104E**      **Suffix must not be *suffix1***

### Explanation

Self-explanatory.

### System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1105W**      **Register 13 (RLD) not specified as base**

## Explanation

Self-explanatory.

## System programmer response

If the error is in an IBM-supplied program, inform your programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

MN0SV

---

**DXC1110E**      **Data level invalid or omitted**

## Explanation

Either the macroinstruction specifies the ECB data level incorrectly or it omits the parameter that specifies the data level.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1111E**      **Storage level invalid or omitted**

## Explanation

Either the macroinstruction specifies the ECB storage level incorrectly or it omits the parameter that specifies the storage level.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1112E**      **ECB level invalid or omitted**

## Explanation

Either the macroinstruction specifies the ECB data and storage level incorrectly or it omits the parameter that specifies the level.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1113E**      **v1 is not a valid ECB level**

## Explanation

The macroinstruction specified v1 for an ECB data or storage level but v1 is not valid.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1120E**      **Block size invalid or omitted**

## Explanation

Either the macroinstruction specifies the block size incorrectly or it omits the parameter that specifies the block size.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1121E**      **Record ID invalid or omitted**

## Explanation

Either the macroinstruction specifies the record identifier (ID) incorrectly or it omits the parameter that specifies the record ID.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1122E**      **Pool type invalid or omitted**

### Explanation

Either the macroinstruction specifies the pool record type incorrectly or it omits the parameter that specifies the pool record type.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

### Problem determination

See *ALCS Installation and Customization* for a discussion of pool types.

---

**DXC1123W**      **Record ID ambiguous - *id* used**

### Explanation

A macro parameter specified the record ID as 2 or 4 decimal digits. The macro cannot determine if 2 decimal digits represent a 2-character ID or a decimal number. Similarly the macro cannot determine if 4 decimal digits represent a 4-digit hexadecimal record ID, or a decimal number.

### System action

The macrogeneration proceeds as if the macro specified ID *id*.

### Programmer response

Change the macroinstruction to specify the record ID in the format X'xxxx' or C'cc', and resubmit the assembly.

---

**DXC1130E**      **Wait error routine invalid or omitted**

### Explanation

Either the macroinstruction specifies the wait error routine incorrectly or it omits the parameter that specifies the wait error routine.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1131E**      **Program name invalid or omitted**

### Explanation

Either the macroinstruction specifies the application program name incorrectly or it omits the parameter that specifies the name.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1132E**      **Action invalid or omitted**

### Explanation

Either the macroinstruction specifies the macro action incorrectly or it omits the parameter that specifies the action.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

---

**DXC1140E**      **Program *prog* invalid with macro *macro***

### Explanation

The macroinstruction refers to application program *prog*. *prog* is not a valid application program name for macro *macro*.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

---

<b>DXC1501W</b>	<b>CINFC type invalid or omitted - 'R' used</b>
-----------------	---

## Explanation

Either the macroinstruction specifies the CINFC type incorrectly or it omits the parameter that specifies the type. Note that the ALCS CINFC monitor-request macro does not support CINFC type W (set PSW key to zero).

## System action

The macrogeneration proceeds as if the macro specified R.

## Programmer response

Correct the macroinstruction, or preferably change the program so that it does not use CINFC (see *ALCS Application Programming Guide*), and resubmit the assembly.

## Module

CINFC

---

<b>DXC1502E</b>	<b>Parameter <i>n</i> of keypoint list ignored</b>
-----------------	--

## Explanation

The macroinstruction specifies CINFC type K (keypoint). The *n*th parameter following the CINFC type specifies an invalid system keypoint record.

## System action

The macrogeneration proceeds as if the macroinstruction omitted the invalid keypoint.

## Programmer response

Note that there is only one ALCS keypoint, system keypoint B (CTKB). Specify keypoint B as KEYB. Correct the macroinstruction, or preferably change the program so that it does not use CINFC (see *ALCS Application Programming Guide*), and resubmit the assembly.

## Module

CINFC

---

<b>DXC1503E</b>	<b>CINFC label invalid or omitted</b>
-----------------	---------------------------------------

## Explanation

The macroinstruction specifies CINFC type R (read-only access). The parameter label following the CINFC type is not a valid CINFC label.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction, or preferably change the program so that it does not use CINFC (see *ALCS Application Programming Guide*), and resubmit the assembly.

## Module

CINFC

---

<b>DXC1504E</b>	<b>Fast link parameter invalid - ignored</b>
-----------------	--

## Explanation

The third positional parameter on the CINFC macroinstruction is not valid. The only value allowed for this parameter (if it is specified) is F.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction, or preferably change the program so that it does not use CINFC (see *ALCS Application Programming Guide*), and resubmit the assembly.

## Module

CINFC

---

<b>DXC1505W</b>	<b>Invalid key restore parameter - 'R' used</b>
-----------------	---

## Explanation

The macroinstruction either omits the key restore parameter, or it specifies the parameter incorrectly.

## System action

The macrogeneration proceeds as if the macro specified R.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

FILKW

---

**DXC1507E BEGIN macroinstruction invalid or omitted**

## Explanation

The application program does not contain a valid BEGIN macroinstruction. Every ALCS application program must include a BEGIN macroinstruction as the first instruction.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

FINIS

---

**DXC1508E CSECT name changed from *name1* to *name2***

## Explanation

The BEGIN macroinstruction at the start of the application program started an executable control section (CSECT) with name *name1*. But the FINIS macroinstruction is not in that CSECT. Between the BEGIN macroinstruction and the FINIS macroinstruction there is a CSECT, DSECT, DXD, or COM instruction that starts or continues a control section with name *name2*.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

- If *name2* is the name of a common control section or an external dummy control section, then modify

the program so that it does not define these control sections (they are not allowed in ALCS application programs).

- If *name2* is the name of an executable control section, then modify the program so that it does not define the control section (ALCS application programs must not include more than one CSECT). Note that the program may contain a CSECT instruction that is intended to continue the original CSECT (for example, following a DSECT) but that specifies the wrong CSECT name. To avoid this problem, replace the CSECT instruction with an RSECT macroinstruction.
- If *name2* is the name of a dummy control section (DSECT), then include an RSECT macroinstruction following the DSECT.

After correcting the program, resubmit the assembly.

## Problem determination

*ALCS Application Programming Guide* describes the RSECT macro.

## Module

FINIS

---

**DXC1511W No return - Hardware error branch ignored**

## Explanation

The macroinstruction requests exit (not return), but includes a routine address to process the hardware error on return from the macro.

## System action

The macrogeneration proceeds as if the hardware error branch parameter was omitted.

## Programmer response

Choose between the mutually incompatible courses of action that you have specified, recode the macro accordingly, and reassemble it. Get the unit serviced.

## Module

SYSRA

---

**DXC1512W No return - File address error branch ignored**

## Explanation

The macroinstruction requests exit (not return), but includes a routine address to process the file address error on return from the macro.

## System action

The macrogeneration proceeds as if the file address error branch parameter was omitted.

## Programmer response

Choose between the mutually incompatible courses of action that you have specified, recode the macro accordingly, and reassemble it.

## Module

SYSRA

---

**DXC1515E** ID table section invalid

## Explanation

The second positional parameter (the ID table section) is invalid.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Choose between the mutually incompatible courses of action that you have specified, recode the macro accordingly, and reassemble it.

## Module

RIDIC

---

**DXC1516E** Action *action* invalid for ID table section *section*

## Explanation

The first positional parameter (*action*) is invalid for the ID table section (*section*) that the second positional parameter specifies.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Choose between the mutually incompatible courses of action that you have specified, recode the macro accordingly, and reassemble it.

## Module

RIDIC

---

**DXC1517E** Address parameter only valid for action set

## Explanation

Self-explanatory.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Choose between the mutually incompatible courses of action that you have specified, recode the macro accordingly, and reassemble it.

## Module

RIDIC

---

**DXC1520E** Incorrect use of SAVEC macro - program does not use a local program work area

## Explanation

The SAVEC macro cannot be used in a program that does not use a local program work area.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Specify LPW=YES on the BEGIN macro or do not issue SAVEC in this program. Then resubmit the assembly.

## Module

SAVEC

---

**DXC1524E** GETMAIN/FREEMAIN not allowed for v1

## Explanation

GETMAIN or FREEMAIN was entered as one of the action parameters, but the operating system v1 does not support the GETMAIN or FREEMAIN function.

## System action

The macro does not expand or expands incorrectly.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSAVE

---

**DXC1525E**      **Label required for action namelist**

## Explanation

The action NAMELIST was entered, but the macroinstruction has no label to define the start of the list.

## System action

The macro does not expand or expands incorrectly.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSAVE

---

**DXC1530E**      **Subset token not defined in DXCSER**

## Explanation

The SHR or XCL parameter specifies a token (*token*) that the DXCSER macro does not support. The

tokens that DXCSER supports depend on installation dependent modifications to the DXCSER macro.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

If the token is incorrect, then correct the macroinstruction and resubmit the assembly.

If the token is correct, ask your system programmer to modify the DXCSER macro to include it.

*ALCS Installation and Customization* describes how to do this.

## Module

BEGIN

---

**DXC1540E**      **v1 parameter invalid with MF=I**

## Explanation

The macroinstruction specifies an in-line parameter list ("MF=I"). Some parameter specifications are invalid with an in-line parameter list because they generate instructions that update the parameter list. This violates re-entrancy.

The following v1 specifications are invalid with "MF=I":

```
NUMA, LETA, PREFIXA
```

The following v1 specifications may be used with "MF=I" provided they do not use register notation:

```
NUM, LET, PREFIX, TEXTA, BUFFA
```

Parameter SUB may be used with "MF=I" provided it does not specify more than one substitution.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Change the macroinstruction either to use the execute form - default MF or specify MF=(E) - or to avoid register notation. Then resubmit the assembly.

## Module

WTOPC

---

**DXC1541E**      **Invalid substitution type type**

## Explanation

The macroinstruction SUB operand specifies *type* as a substitution type code. *type* is not one of the valid codes. Valid type codes are:

HEX, HEXA, HEX4A, DEC, DECA, CHARA, CHAR8A

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

WTOPC

---

<b>DXC1542E</b>	<b>Length not allowed with substitution type <i>type</i></b>
-----------------	--

## Explanation

The macroinstruction SUB operand specifies a length for substitution data type *type*. Length is valid only for types:

HEX4A, CHARA, CHAR8A

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

WTOPC

---

<b>DXC1543E</b>	<b>Format error in substitution data <i>type,data</i></b>
-----------------	---

## Explanation

The macroinstruction SUB operand specifies invalid format substitution data *data*. Valid formats are:

*type,data*  
*type,(data,length)*

Where *data* and *length* can be either an absolute expression or a register name in parentheses.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

WTOPC

---

<b>DXC1544E</b>	<b>XNUM parameter conflicts with previous WTOPC or DCTMSG</b>
-----------------	---

## Explanation

You coded different XNUM parameters on WTOPC or DCTMSG macroinstructions in your programs. Do not code the XNUM parameter on any WTOPC or DCTMSG macroinstruction other than the first.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

WTOPC

---

<b>DXC1545E</b>	<b>Too many substitution parameters specified</b>
-----------------	---

## Explanation

A maximum of 55 substitution specifications are allowed when the macroinstruction specifies the execute form (MF defaults or MF=(E)).

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

WTOPC

---

**DXC1549E**      **The KEYPT parameter must be the same for all records in a logical global**

### Explanation

The KEYPT parameter (by default or as specified by you) has a different value to the KEYPT parameter on the preceding GO1GO macroinstructions for this logical global record.

### System action

The macro expands but this logical global will not be loaded successfully by the global record load program.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

G01GO

---

**DXC1550W**      **Record length is v1 bytes**

### Explanation

The length of the record exceeds the size of a 4K record.

### System action

The macrogeneration proceeds.

### Programmer response

Determine whether the specified length is correct.

## Module

G01GO

---

**DXC1551I**      **Global area v1, bytes to load = v2**

### Explanation

ALCS shows the size of each global area.

### System action

The macrogeneration proceeds.

## Module

G01GO

---

**DXC1552E**      **v1 must be v2 number v3 through v4**

### Explanation

The macroinstruction specifies parameter v1 incorrectly. It must be a value between numbers v3 and v4, with v2 characteristics.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

G01GO

---

**DXC1553E**      **END action must be last GO1GO call**

### Explanation

The END parameter is only valid on the last G01GO macroinstruction in a program.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

G01GO

---

**DXC1554E**      **v1 v2 specified more than once**

### Explanation

You specified parameter v1 with subparameter v2 more than once. You may specify this parameter combination once only in a program.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

### Module

G01G0

---

**DXC1555E**      **START action omitted**

### Explanation

You specified a G01G0 macroinstruction before the G01G0 START macroinstruction.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

### Module

G01G0

---

**DXC1556E**      **Minimum length of record is 8 bytes**

### Explanation

The record length as specified in the LENGTH= parameter is less than the minimum length of 8 bytes.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

### Module

G01G0

---

**DXC1557E**      **Directory slot needed for keypoint**

### Explanation

You specified the KEYPOINT=YES parameter, but did not code the SLOT parameter as well.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

### Module

G01G0

---

**DXC1558E**      **If NUMBER not one then SLOT must be NONE**

### Explanation

If you specify the NUMBER parameter with a value other than 1 then you must specify the SLOT parameter with a value of NONE.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

### Module

G01G0

---

**DXC1559E**      **There must be at least one LOAD action before any FIELD\_SYNC actions can be processed.**

### Explanation

You included a FIELD\_SYNC request but there is no preceding LOAD request for the global record containing the field.

### System action

The macro does not expand or expands incorrectly.

### Programmer response

Correct the macroinstruction and resubmit the assembly.

### Module

G01G0

---

**DXC1560E**      **Last ordinal lower than start ordinal**

## Explanation

You coded the METHOD=SEQ parameter, but the second numeric value, representing the last ordinal, is lower than the first numeric value, representing the start ordinal.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

GROUP

---

**DXC1561E**      **METHOD=ID is not allowed for prime group**

## Explanation

Self-explanatory.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

GROUP

---

**DXC1562E**      **No group refers to this index**

## Explanation

You coded an INDEX macroinstruction, but did not define a reference in a GROUP macroinstruction.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

INDEX

---

**DXC1570E**      **TIMEC action code v1 not allowed for specified or defaulted field code**

## Explanation

Self-explanatory.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

Correct the macroinstruction and resubmit the assembly.

## Module

TIMEC

---

**DXC1575E**      **E-mail parameters omitted**

## Explanation

The SOCKC macroinstruction specifies ACTION=EMAILSET but it omits the parameters for e-mail values.

## System action

The macro does not expand or expands incorrectly.

## System programmer response

If the error is in an IBM-supplied program, inform your programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

## Module

SOCKC

---

**DXC1576E**      **Too many e-mail parameters specified**

## Explanation

The SOCKC macroinstruction specifies ACTION=EMAILSET but it specifies more than one parameter for e-mail values.

## System action

The macro does not expand or expands incorrectly.

## System programmer response

If the error is in an IBM-supplied program, inform your programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

## Module

SOCKC

---

**DXC1901S**      **Macro logic error - description**

## Explanation

There is a logic error in the macrodefinition. *Description* identifies the error.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

---

**DXC1902S**      **Macro logic error - DXCCMON request code invalid**

## Explanation

There is a logic error in a macrodefinition. The macro generated a DXCCMON macroinstruction with invalid parameters.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCMON

---

**DXC1903S**      **Macro logic error - DXCCMON action invalid or omitted**

## Explanation

There is a logic error in a macrodefinition. The macro generated a DXCCMON macroinstruction with invalid parameters, or without parameters.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCMON

---

**DXC1910S**      **DXCURID error - #KPTRI definition corrupted**

## Explanation

DXCURID has modified either or both of the subscripted global set symbols &DXCFV(1) or &DXCFN(1). These set symbols are reserved for the ALCS fixed file record type #KPTRI. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.)

## System action

The macro does not expand or expands incorrectly.

## System programmer response

Correct the DXCURID macrodefinition for your installation.

*ALCS Installation and Customization* describes how to code this macrodefinition.

## Programmer response

Inform your system programmer. This error must be corrected before you attempt to assemble any ECB-controlled program.

---

**DXC1911S**      **DXCURID error - Element count invalid**

## Explanation

DXCURID has set the global set symbol &DXCFM incorrectly.

## System action

The macro does not expand or expands incorrectly.

## System programmer response

Correct the DXCURID macrodefinition for your installation.

*ALCS Installation and Customization* describes how to code this macrodefinition.

## Programmer response

Inform your system programmer. This error must be corrected before you attempt to assemble any ECB-controlled program.

---

<b>DXC1912S</b>	<b>DXCURID error - Value 0 invalid for application record type v1</b>
-----------------	---

## Explanation

DXCURID has set the value 0 for the fixed file record type v1. The value 0 is reserved for ALCS fixed file record type #KPTRI. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.)

## System action

The macro does not expand or expands incorrectly.

## System programmer response

Correct the DXCURID macrodefinition for your installation.

*ALCS Installation and Customization* describes how to code this macrodefinition.

## Programmer response

Inform your system programmer. This error must be corrected before you attempt to assemble any ECB-controlled program.

---

<b>DXC1913S</b>	<b>DXCURID error - #CPRCR not defined</b>
-----------------	---

## Explanation

DXCURID has not defined the fixed file record type #CPRCR. ALCS requires this fixed file record type. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.)

## System action

The macro does not expand or expands incorrectly.

## System programmer response

Correct the DXCURID macrodefinition for your installation.

*ALCS Installation and Customization* describes how to code this macrodefinition.

## Programmer response

Inform your system programmer. This error must be corrected before you attempt to assemble any ECB-controlled program.

---

<b>DXC1994S</b>	<b>Macro logic error - Message number unknown in call to DXCYU</b>
-----------------	--

## Explanation

There is a logic error in a macrodefinition. The macro generated a DXCYU macroinstruction with invalid parameters.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCYU

---

<b>DXC1995S</b>	<b>Macro logic error - Message number out of range in call to DXCYU</b>
-----------------	---

## Explanation

There is a logic error in a macrodefinition. The macro generated a DXCYU macroinstruction with invalid parameters.

## System action

The macro does not expand or expands incorrectly.

## Programmer response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCYU

---

**DXC1996S**      **Macro logic error - Message number must be 3 digits in call to DXCYU**

**Explanation**

There is a logic error in a macrodefinition. The macro generated a DXCYU macroinstruction with invalid parameters.

**System action**

The macro does not expand or expands incorrectly.

**Programmer response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCYU

---

**DXC1997S**      **Macro logic error - Non-numeric message number in call to DXCYU**

**Explanation**

There is a logic error in a macrodefinition. The macro generated a DXCYU macroinstruction with invalid parameters.

**System action**

The macro does not expand or expands incorrectly.

**Programmer response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCYU

---

**DXC1998S**      **Macro logic error - Parameter missing in call to DXCYU**

**Explanation**

There is a logic error in a macrodefinition. The macro generated a DXCYU macroinstruction with invalid parameters.

**System action**

The macro does not expand or expands incorrectly.

**Programmer response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCYU

---

**DXC1999S**      **Macro logic error - Invalid message text in DXCYU**

**Explanation**

There is a logic error in a macrodefinition. The macro generated a DXCYU macroinstruction with invalid parameters.

**System action**

The macro does not expand or expands incorrectly.

**Programmer response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCYU

---

## Chapter 6. Online monitor messages (ALCS printer): DXC2000-DXC2999

---

**DXC2000E**      **Logic error - Invalid message number or prefix EC-'cccnnn'**

### Explanation

ALCS attempted to send a message with an invalid message code, where *ccc* is the prefix and *nnn* is the message number (in an internal format used by CXA0). Either the prefix or the message number is invalid.

### System action

ALCS sends this error message and then proceeds normally.

### System programmer response

Check that AXA3 is loaded and that the user message exit program allows this combination of prefix and message.

### Module

CXA0

---

**DXC2001E**      **Logic error - Invalid message parameters**

### Explanation

ALCS attempted to send a message with an invalid parameter list address.

### System action

ALCS sends this error message and then proceeds normally.

### User response

This message should not occur. If it does, ask your system programmer to inform your IBM programming support representative.

### Note:

**Not in GUIP1:** *The next message is **not** intended for automated operations.*

### Module

CXA0

---

**DXC2002I**      **ALCS V2 System *i* Version number - System\_name**

### Explanation

ALCS sends this message to RO CRAS at system restart. The variables are as defined in the ALCS system generation.

### System action

ALCS continues processing normally.

### Module

CVSN

---

**DXC2003I**      **ALCS state change from SS1-'state1' to SS2-'state2' starting**

### Explanation

ALCS state change from *state1* to *state2* is starting.

### System action

ALCS continues processing normally.

### Module

CVSN

---

**DXC2004I**      **ALCS in SS-'state' state**

### Explanation

ALCS state change to *state* has completed.

### System action

ALCS continues processing normally.

### User response

None.

## Module

CVSN

---

**DXC2005E**      **Invalid global load message index  
NR-'number'**

## Explanation

A program entered the ALCS ECB-controlled program CGL2 with an invalid application global load message index number *number*.

## System action

Application global area load continues.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CGL2

---

**DXC2006I**      **Global record load complete**

## Explanation

The application global area load routines have completed successfully.

## Module

CGL2

---

**DXC2007E**      **Invalid global record type/ordinal  
- Slot SN-'slot\_number' Directory  
DN-'directory\_number'**

## Explanation

The record address specified for loading into slot *slot\_number* of directory *directory\_number* is an invalid address.

"SLOT SN- 'NONE '" means that this is the second or subsequent record of a logical global. (Only the first record has a global area directory slot.)

## System action

ALCS does not load this record. Application global area load continues.

## Operator response

Ask your system programmer whether this global record is required for successful execution. If it is, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Alter the global load definition program *GOAdirectory\_number* to correct the record address for the record to be loaded into slot *slot\_number* of directory *directory\_number* (ORDINAL and TYPE parameters of the G01G0 macro). Refer to *ALCS Installation and Customization* for more details of the application global area.

## Module

CGL2

---

**DXC2008E**      **Can not read global  
record - Fixed file type  
FT-'filetype' Ordinal ORD-'ordinal'  
Slot SN-'slot\_number' Directory  
DN-'directory\_number'**

## Explanation

The application global area load routines were unable to read the record address specified for loading into slot *slot\_number* of directory *directory\_number*.

"SLOT SN- 'NONE '" means that this is the second or subsequent record of a logical global. (Only the first record has a global area directory slot.)

## System action

No record is loaded into this slot of directory *directory\_number*. Application global area load continues.

## Operator response

Ask your system programmer whether this global record is required for successful execution. If it is, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Determine the reason why the read failed: I/O error, record identifier (ID) wrong, or record code check (RCC) wrong. If record ID is wrong, check the ID or IDSYM parameters of the G01G0 macro for this record

in program GOA*directory\_number*. Use the ZDFIL command to display the actual record ID and RCC characters in the record.

## Module

CGL2

---

**DXC2009E**      **Can not find global load program  
PN-'name'**

## Explanation

The application global area load routines were unable to find the global load definition program *name*.

## System action

No records are loaded into the global area directory defined by this program. Application global area load continues.

## Operator response

Ask your system programmer whether these global records are required for successful execution. If they are, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Ensure that the global load definition program *name* is link-edited into one of the application program load modules that are loaded for system-wide use when application global area load is performed.

## Module

CGL2

---

**DXC2010I**      **Global record load starting**

## Explanation

The application global area load routines have started.

## Module

CGL2

---

**DXC2011E**      **Invalid directory slot number -  
Slot SN-'slot\_number' Directory  
DN-'0'**

## Explanation

Slot numbers 0 through 7 in directory 0 are not available for application program use.

"SLOT SN- 'NONE ' " means that this is the second or subsequent record of a logical global. (Only the first record has a global area directory slot.)

## System action

ALCS does not load this record. Application global area load continues.

## Operator response

Ask your system programmer whether this global record is required for successful execution. If it is, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Alter the global load definition program GOA0 to remove references to slots 0 through 7 of directory 0. Refer to *ALCS Installation and Customization* for more details of the application global area.

## Module

CGL2

---

**DXC2012E**      **Not enough space in global  
area AN-'area\_number' -  
Slot SN-'slot\_number' Directory  
DN-'directory\_number'**

## Explanation

The amount of storage allocated to global area part *area\_number* is not enough to contain all the requested records. The length of the record to be loaded into slot number *slot\_number* of directory *directory\_number* exceeds the free storage available in this part of the application global area.

"SLOT SN- 'NONE ' " means that this is the second or subsequent record of a logical global. (Only the first record has a global area directory slot.)

## System action

ALCS does not load this record. Application global area load continues.

## Operator response

Ask your system programmer whether this global record is required for successful execution. If it is, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Perform another ALCS system configuration generation to redefine the size of this part of the global area.

Or reduce the size and/or number of global records loaded by altering the global load definition programs GOA0, GOA1, . . . GOAE. Refer to *ALCS Installation and Customization* for more details of the application global area and ALCS system configuration generation.

## Module

CGL2

---

<b>DXC2014E</b>	<b>Invalid header strip request for keypointable record - Slot SN-'slot_number' Directory DN-'directory_number'</b>
-----------------	---

## Explanation

The global load definition for slot *slot\_number* of directory *directory\_number* requests header stripping for a keypointable record that is not the second or subsequent record of a logical global.

"SLOT SN- 'NONE '" means that this is the second or subsequent record of a logical global. (Only the first record has a global area directory slot.)

## System action

ALCS does not load this record. Application global area load continues.

## Operator response

Ask your system programmer whether this global record is required for successful execution. If it is, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Alter the global load definition program GOA*directory\_number*. Correct the header stripping request for record to be loaded into slot *slot\_number* of directory *directory\_number* (HDSTRIP parameter of the G01G0 macro). Refer to *ALCS Installation and Customization* for more details of the application global area.

## Module

CGL2

---

<b>DXC2015E</b>	<b>Global load only allowed in idle state</b>
-----------------	---

## Explanation

ALCS has received a message from a terminal asking for reload of the application global area but the system is not in IDLE state.

## System action

ALCS discards the input message.

## Operator response

If the global area reload is required, change to IDLE state and repeat the message.

## Module

CGL2

---

<b>DXC2016E</b>	<b>No ALCS globals defined - Check CGAF</b>
-----------------	---

## Explanation

The application global area load routines determined that the ALCS global load control program CGAF was empty.

## System action

No ALCS global records are loaded. Some important ALCS functions, including Recoup, will therefore not work.

## User response

Use the version of CGAF supplied by IBM. If this is at fault, ask your system programmer to inform your IBM programming support representative.

## Note:

**Note in GUIP:** *The next message is **not** intended for automated operations.*

## Module

CGL2

---

<b>DXC2017I</b>	<b>Shared printer acquired - ALCS V2 System <i>i</i> Version number - System_name</b>
-----------------	---

## Explanation

The ALCS system called *system\_name* has acquired the shared printer on which this message appears. The variables are as defined in the ALCS system generation.

## System action

ALCS continues processing normally.

## Module

CPQC

---

**DXC2020E**      **Check entry and retry - If problem persists call supervisor Problem reference information follows**  
**SE-number {CTL|OPR}-code PROG-name OFFSET-listing\_address**  
**CRN-crn VOLUME volume\_serial**  
**DSNAME data\_set\_name MSG-message**

## Explanation

ALCS, an ECB-controlled program, or an application program has detected an error that causes the termination of an entry created to service an input message from a display terminal. To prevent the terminal from locking up, this message is sent to the originating terminal.

If the entry is terminated by ALCS, or an ECB-controlled program that used a SERRC or a snapc macro, the problem reference information is a copy of the system error information that ALCS sends to RO CRAS. For an entry terminated by an application program which used a SYSRA macro, no problem reference information is sent.

### Number

Dump sequence number, a 6-digit decimal number. SE-NODUMP means that there is no dump (usually because the error duplicates a previous dump).

### Code

System error code; a 6-digit hexadecimal code that identifies the type of error.

### Name

Name of the program or ALCS monitor CSECT that was executing at the time of the error. If ALCS cannot determine the program or monitor CSECT, ALCS prints PSW=*psw* instead of the program name and listing address, where *psw* is the corrected program status word (PSW) at the time of the error. "Corrected" means that ALCS has reset the instruction address in the PSW to point to the failing instruction.

### Listing\_address

Offset of error within the program, a hexadecimal number. This address corresponds to the address (LOC) in the assembler listing of the program. If an ALCS monitor CSECT was executing at the time of the error, ALCS prints **/kwd>=*listing\_address***, where *listing\_address* is the offset of the error within the ALCS monitor CSECT, a hexadecimal number. This address corresponds to the address

(LOC) in the assembler listing of the ALCS monitor CSECT.

### crn

CRN of the originating terminal. If the CRN is not available, ALCS prints CRI-*cri* instead, where *cri* is the CRI of the originating terminal.

### Volume\_serial

Volume serial of the DASD volume that contains the data set. If there is no dump (*number* is NODUMP) the *volume\_serial* is not included in the message.

### Data\_set\_name

Data set name of the data set that contains the dump. If there is no dump (*number* is NODUMP) the *data\_set\_name* is not included in the message.

### Message

Optionally, an explanatory message associated with the error.

If the program that detected the error used a SERRC or snapc macro instruction with an indirect program name (PROGRAM parameter of the SERRC macro or the PROG parameter of the snapc macro), then:

### Name

Is the indirect program name (PROGRAM operand), not the name of the program that issued the SERRC macro.

### OFFSET-listing\_address

Is omitted from the message.

## User response

Refer to system error number *code* in Chapter 13, "System error codes: 000000-000FFF," on page 302 to identify the error condition, or if applicable to any user-written documentation.

## Module

CEA2

---

**DXC2021E**      **SE-number CTL-code PROG-name**  
**OFFSET-listing\_address CRN-crn**  
**VOLUME volume\_serial DSNAME**  
**data\_set\_name MSG-message**

## Explanation

ALCS has detected an error and written a dump to the ALCS diagnostic file.

### Number

Dump sequence number, a 6-digit decimal number. SE-NODUMP means that there is no dump (usually because the error duplicates a previous dump).

### Code

System error code; a 6-digit hexadecimal code that identifies the type of error.

### Name

Name of the program or ALCS monitor CSECT that was executing at the time of the error. If ALCS cannot determine the program or monitor CSECT, ALCS prints PSW=*psw* instead of the program name and listing address, where *psw* is the corrected program status word (PSW) at the time of the error. "Corrected" means that ALCS has reset the instruction address in the PSW to point to the failing instruction.

### Listing\_address

Offset of error within the program, a hexadecimal number. This address corresponds to the address (LOC) in the assembler listing of the program. If an ALCS monitor CSECT was executing at the time of the error, ALCS prints /**kwd**>=*listing\_address*, where *listing\_address* is the offset of the error within the ALCS monitor CSECT, a hexadecimal number. This address corresponds to the address (LOC) in the assembler listing of the ALCS monitor CSECT.

### crn

CRN of the originating terminal. If the CRN is not available, ALCS prints CRI-*cri* instead, where *cri* is the CRI of the originating terminal.

### Volume\_serial

Volume serial of the DASD volume that contains the data set. If there is no dump (*number* is NODUMP) the *volume\_serial* is not included in the message.

### Data\_set\_name

Data set name of the data set that contains the dump. If there is no dump (*number* is NODUMP) the *data\_set\_name* is not included in the message.

### Message

Optionally, an explanatory message associated with the error.

## User response

Refer to system error number *code* in Chapter 13, "System error codes: 000000-000FFF," on page 302 to identify the error condition.

<b>DXC2022E</b>	<b>SE-number OPR-code PROG-name OFFSET-listing_address CRN-crn VOLUME volume_serial DSNAME data_set_name MSG-message</b>
-----------------	--

## Explanation

An application program or an ECB-controlled monitor program has detected an error and ALCS has written a dump to the ALCS diagnostic file.

### Number

Dump sequence number, a 6-digit decimal number. SE-NODUMP means that there is no dump (usually because the error duplicates a previous dump).

### Code

System error code; a 6-digit hexadecimal code that identifies the type of error.

### Name

Name of the program or ALCS monitor CSECT that was executing at the time of the error. If ALCS cannot determine the program or monitor CSECT, ALCS prints PSW=*psw* instead of the program name and listing address, where *psw* is the corrected program status word (PSW) at the time of the error. "Corrected" means that ALCS has reset the instruction address in the PSW to point to the failing instruction.

### Listing\_address

Offset of error within the program, a hexadecimal number. This address corresponds to the address (LOC) in the assembler listing of the program. If an ALCS monitor CSECT was executing at the time of the error, ALCS prints /**kwd**>=*listing\_address*, where *listing\_address* is the offset of the error within the ALCS monitor CSECT, a hexadecimal number. This address corresponds to the address (LOC) in the assembler listing of the ALCS monitor CSECT.

### crn

CRN of the originating terminal. If the CRN is not available, ALCS prints CRI-*cri* instead, where *cri* is the CRI of the originating terminal.

### Volume\_serial

Volume serial of the DASD volume that contains the data set. If there is no dump (*number* is NODUMP) the *volume\_serial* is not included in the message.

### Data\_set\_name

Data set name of the data set that contains the dump. If there is no dump (*number* is NODUMP) the *data\_set\_name* is not included in the message.

### Message

Optionally, an explanatory message associated with the error.

If the program that detected the error used a SERRC or snapc macro instruction with an indirect program name (PROGRAM parameter of the SERRC or snapc

macro) then *OFFSET-listing\_address* is omitted from the message.

## User response

Refer to system error number *code* in Chapter 13, “System error codes: 000000-000FFF,” on page 302 or, if applicable, to user-written documentation to identify the error condition.

---

<b>DXC2023E</b>	<b>Invalid field synch request - record already synchronized - field displacement fd- <i>field_displacement</i> directory dn- <i>directory_number</i></b>
-----------------	---

## Explanation

The global load definition for the synchronizable global field with displacement *field\_displacement* in directory *directory\_number* follows the definition of a global record that is synchronizable.

## System action

ALCS does not set this global field as synchronizable. Application global area load continues.

## Operator response

Ask your system programmer whether this field must be synchronizable for successful execution. If it must, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Alter the global load definition program *GOAdirectory\_number*. Either remove the request to synchronize the global field with displacement *field\_displacement* or remove the request to synchronize the record in the preceding record load definition. Refer to *ALCS Installation and Customization* for more details of the application global area.

## Module

CGL2

---

<b>DXC2024E</b>	<b>Invalid field synch request - field not contained in last record loaded - field displacement fd- <i>field_displacement</i> directory dn- <i>directory_number</i></b>
-----------------	---

## Explanation

The main storage address for the synchronizable global field with displacement *field\_displacement* in directory *directory\_number* does not fall within the main storage address range of the previously loaded record in directory *directory\_number*.

## System action

ALCS does not set this global field as synchronizable. Application global area load continues.

## Operator response

Ask your system programmer whether this field must be synchronizable for successful execution. If it must, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Alter the global load definition program *GOAdirectory\_number*. Ensure that each global field synchronization request follows the record load definition for the global record that the global field is contained within. Refer to *ALCS Installation and Customization* for more details of the application global area.

## Module

CGL2

---

<b>DXC2025E</b>	<b>Incomplete logical global record - slot sn- '<i>slot_number</i>' directory dn-'<i>directory_number</i>'.</b>
-----------------	---

## Explanation

The global load definition for slot *slot\_number* of directory *directory\_number* is for a record which is part of a logical global. One or more of the preceding global load definitions for this logical global has been rejected in error, so although this definition is not in error, ALCS can not load the complete logical global.

## System action

ALCS does not load this record and no part of this logical global will be keypointed regardless of the KEYPT parameter value. Application global area load continues.

## Operator response

Ask your system programmer whether this logical global is required for successful execution. If it is, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Alter the global load definition program *GOAdirectory\_number*. Examine the previous error messages relating to this logical global and correct the errors identified. Refer to *ALCS Installation and Customization* for more details of the application global area.

## Module

CGL2

---

<b>DXC2026E</b>	<b>Inconsistent keypointable setting for logical global record - slot sn- '<i>slot_number</i>' directory dn-'<i>directory_number</i>'.</b>
-----------------	--

---

## Explanation

The global load definition for slot '*slot\_number*' of *directory\_number* is for a record which is part of a logical global. This definition has a different value for the KEYPT parameter to that in preceding global load definitions for this logical global.

## System action

ALCS does not load this record and no part of this logical global will be keypointed regardless of the KEYPT parameter value. Application global area load continues.

## Operator response

Ask your system programmer whether this logical global is required for successful execution. If it is, then terminate ALCS using the ZASYS HALT command.

## System programmer response

Alter the global load definition program *GOAdirectory\_number*. Examine the previous error messages relating to this logical global and correct the errors identified. Refer to *ALCS Installation and Customization* for more details of the application global area.

## Module

CGL2

---

<b>DXC2030I</b>	<b>Pool scan - restart awaited</b>
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## Explanation

The ALCS data base scan utility was running when ALCS terminated. It is waiting for a restart entry from the user's application.

## Operator response

If it is not convenient to restart the scan, then the scan can be cancelled with the ZDATA CANCEL command.

---

<b>DXC2031E</b>	<b>Pool scan - invalid entry to restart program</b>
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## Explanation

The restart function of the ALCS data base scan utility was entered while restart was not pending.

## System action

The entry is terminated by ALCS.

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<b>DXC2032I</b>	<b>Pool scan - restarted</b>
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## Explanation

The ALCS data base scan utility has been restarted automatically.

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<b>DXC2033E</b>	<b>Pool scan - restart error - user program PROG-'<i>prog</i>' not loaded</b>
-----------------	---

---

## Explanation

The ALCS data base scan utility is unable to restart automatically because one or more of the user programs is not loaded.

## Operator response

After loading the missing program(s), the scan can be restarted by the ZDRIV CAP6 command. Alternatively the scan can be cancelled with the ZDATA CANCEL command.

---

<b>DXC2034E</b>	<b>Pool scan - restart error - error return from user program</b>
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---

## Explanation

The ALCS data base scan utility is unable to restart automatically because the user's start of scan program is returning the return code 4 (do not proceed with scan).

## Operator response

Correct the error and then restart the scan with the ZDRIV CAP6 command. Alternatively the scan can be cancelled with the ZDATA CANCEL command.

---

<b>DXC2035I</b>	<b>Pool scan - restart delayed until NORM state</b>
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---

## Explanation

The ALCS data base scan utility is waiting for an automatic restart. As the scan was not originally started in IDLE state the automatic restart is delayed until NORM state is reached.

## Operator response

Bring ALCS up to NORM state or restart the scan with the ZDRIV CAP5 command before changing to NORM state.

---

<b>DXC2036E</b>	<b>Pool scan - restart error - unable to recreate parameter list</b>
-----------------	--

---

## Explanation

The ALCS data base scan utility is unable to restart. There has been corruption of one or both of the load dump keypoints.

## Operator response

Cancel the scan with the ZDATA CANCEL command.

---

<b>DXC2351E</b>	<b>MQ Bridge - MQ queue resource is not active MQ resource CRN-'crn' Queue name QN-'queue_name'</b>
-----------------	---

---

## Explanation

The ALCS MQ bridge facility cannot process a trigger message because the matching MQ communication resource is not active.

## System action

ALCS discards the MQ trigger message.

## Operator response

Use the ZACOM command to start the MQ communication resource.

## Module

DXCMQB

---

<b>DXC2352E</b>	<b>MQ Bridge - MQGET from request queue failed MQ resource CRN-'crn' Queue name QN-'queue_name' MQGET Completion code RC-'return_code' Reason code RSC-'reason_code'</b>
-----------------	--

---

## Explanation

The ALCS MQ bridge facility cannot get a message from the MQ queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQ MQGET call.

## Problem determination

See the *WebSphere MQ for z/OS Messages and Codes* for lists of completion codes and reason codes.

## Module

DXCMQB

---

<b>DXC2354E</b>	<b>MQ Bridge - MQCLOSE failed MQ resource CRN-'crn' Queue name QN-'queue_name' MQCLOSE Completion code RC-'return_code' Reason code RSC-'reason_code'</b>
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---

## Explanation

The ALCS MQ bridge facility cannot close the MQ queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQ MQCLOSE call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQB

---

<b>DXC2356E</b>	<b>MQ Bridge - MQOPEN failed MQ resource CRN-'crn' Queue name QN-'queue_name' MQOPEN Completion code RC-'return_code' Reason code RSC-'reason_code'</b>
-----------------	---

---

## Explanation

The ALCS MQ bridge facility cannot open the MQ queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQ MQOPEN call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQB

---

**DXC2357E**      **MQ Bridge - No CRI found in CorrelId MQ resource CRN-'crn'**

### Explanation

The ALCS MQ bridge facility cannot process an input message because there is no terminal CRI.

### System action

ALCS discards the input message.

### User response

Check that the message is being sent to the correct resource, and that all resources are defined in the communication generation. Check that the remote system is using the correct terminal addressing scheme. By default, ALCS expects the terminal CRI in the low-order 3 bytes of the MQ correlation identifier for the input message.

### Module

DXCMQB

---

**DXC2358E**      **MQ Bridge - Invalid CRI found in CorrelId MQ resource CRN-'crn' CRI-'cri'**

### Explanation

The ALCS MQ bridge facility cannot process an input message because either the CRI does not exist in this system or it does not specify a communication resource defined by LDTYPE=MQTERM.

### System action

ALCS discards the input message.

### User response

Check that the message is being sent to the correct resource, and that all resources are defined in the communication generation. Check that the remote system is using the correct terminal addressing scheme. By default, ALCS expects the terminal CRI in the low-order 3 bytes of the MQ correlation identifier for the input message.

### Module

DXCMQB

---

**DXC2359E**      **MQ Bridge - Terminal not routed to application MQ resource CRN-'crn' Terminal CRN-'crn'**

### Explanation

The ALCS MQ bridge facility has received a message from a terminal. The terminal is not routed to an application.

### System action

ALCS discards the input message.

### Operator response

Route the terminal to the correct ALCS application using the ZACOM command.

### Module

DXCMQB

---

**DXC2360E**      **MQ Bridge - Application is invalid or inactive MQ resource CRN-'crn' Terminal CRN-'crn' Application CRN-'crn'**

### Explanation

The ALCS MQ bridge facility has received a message from a terminal. The terminal is routed to an application and either the application name is not defined to ALCS or the application is inactive.

### System action

ALCS discards the input message.

### Operator response

Use the ZDCOM command to check that the MQ terminal is routed to the correct application. Use the ZACOM command to activate the application if required.

### Module

DXCMQB

---

**DXC2361E**      **MQ Bridge - System is not in required state MQ resource CRN-'crn' Terminal CRN-'crn' Application CRN-'crn'**

### Explanation

The ALCS MQ bridge facility has received a message from a terminal. The terminal is routed to an application that does not accept messages in the current system state. The SYSSTATE parameter of the COMDEF macro can specify, for each application, the

minimum system state for the receipt of messages (the default is NORM state).

### System action

ALCS discards the input message.

### Operator response

Use the ZDCOM command to check that the MQ terminal is routed to the correct application. Use the ZACOM command to inactivate the MQ resource to prevent further input messages until ALCS reaches the appropriate system state.

### Module

DXCMQB

---

<b>DXC2362W</b>	<b>MQ Bridge - MQ is not supported by this ALCS</b>
-----------------	---

### Explanation

The ALCS MQ bridge facility cannot process messages because the ALCS system configuration table does not specify support for MQ.

### System action

ALCS continues normally but the MQ bridge facility is unavailable.

### Operator response

See *ALCS Installation and Customization* for information on how to configure MQ.

### Module

DXCMQB

---

<b>DXC2363W</b>	<b>MQ Bridge - MQ is not connected to ALCS</b>
-----------------	--

### Explanation

The ALCS MQ bridge facility cannot process messages because ALCS is not currently connected to MQ.

### System action

ALCS continues normally but the MQ bridge facility is unavailable.

### Operator response

Use the ZCMQI command to connect ALCS to MQ.

### Module

DXCMQB

---

<b>DXC2364E</b>	<b>MQ Bridge - Response queue is not defined Terminal CRN-'crn' MQ resource CRN-'crn'</b>
-----------------	---

### Explanation

The ALCS MQ bridge facility cannot send an output message because there is no MQ response queue. If there is an input message associated with this output message, ALCS uses the reply-to queue specified in the MQ message descriptor for the input message; otherwise ALCS uses the response queue defined in the communication table for the MQ resource.

### System action

ALCS discards the output message.

### User response

Check that the MQ resource is correctly specified in the communication generation.

### Module

DXCMQB

---

<b>DXC2365W</b>	<b>MQ Bridge - MQ interface suspended</b>
-----------------	---

### Explanation

The ALCS MQ bridge facility cannot process messages because the MQ queue manager has stopped responding to ALCS.

### System action

ALCS continues normally but the MQ bridge facility is unavailable.

### Operator response

Inform your MQ administrator.

### Module

DXCMQB

---

<b>DXC2367E</b>	<b>MQ Bridge - MQPUT1 failed MQ resource CRN-'crn' Queue name QN-'queue_name' MQPUT1 Completion code RC-'return_code' Reason code RSC-'reason_code'</b>
-----------------	---

## Explanation

The ALCS MQ bridge facility cannot put a message on the MQ queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQ MQPUT1 call.

## System action

ALCS discards the output message.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQB

---

<b>DXC2368E</b>	<b>MQ Bridge - Invalid CRI from installation-wide exit MQ resource CRN-'crn' Queue name QN-'queue_name' CRI-'cri'</b>
-----------------	---

## Explanation

The ALCS MQ bridge facility cannot process an input message from MQ queue *queue\_name* because installation-wide monitor exit USRMQB0 returned an invalid terminal CRI.

## System action

ALCS discards the input message.

## User response

Correct the installation-wide monitor exit.

## Module

DXCMQB

---

<b>DXC2369E</b>	<b>MQ Bridge - MQINQ failed MQ resource CRN-'crn' Queue name QN-'queue_name' MQINQ Completion code RC-'return_code' Reason code RSC-'reason_code'</b>
-----------------	---

## Explanation

The ALCS MQ bridge facility started an MQ communication resource but it cannot get the attributes of the MQ queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQ MQINQ call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQB

---

<b>DXC2369E</b>	<b>MQ Bridge - MQINQ failed MQ resource CRN-'crn' Queue name QN-'queue_name' MQINQ Completion code RC-'return_code' Reason code RSC-'reason_code'</b>
-----------------	---

## Explanation

The ALCS MQ bridge facility started an MQ communication resource but it cannot get the attributes of the MQ queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQ MQINQ call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQB

---

<b>DXC2380E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' ALCS WAS support is not enabled</b>
-----------------	--

## Explanation

The ALCS WAS Bridge facility cannot process messages because the ALCS system configuration table does not specify support for WAS.

## System action

The WAS Bridge facility is unavailable.

## System programmer response

See *ALCS Installation and Customization* for information on how to configure WAS support.

## Module

DXCWSB

---

<b>DXC2381E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' ALCS is not connected to WAS</b>
-----------------	---

## Explanation

The ALCS WAS Bridge facility cannot process messages because ALCS is not currently connected to WAS.

## System action

The WAS Bridge facility is unavailable.

## System programmer response

Use the ZCWAS command to connect ALCS to WAS.

## Module

DXCWSB

---

<b>DXC2382E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' (In)activation in progress</b>
-----------------	---

## Explanation

The ALCS WAS resource cannot be activated or inactivated because (In)activation is already in progress.

## Operator response

Wait until (in)activation is finished.

## Module

DXCWSB

---

<b>DXC2383E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Already active</b>
-----------------	---

## Explanation

The ALCS WAS resource cannot be activated because the resource is already active.

## System action

ALCS continues normally.

## Module

DXCWSB

---

<b>DXC2384E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Already inactive</b>
-----------------	---

## Explanation

The ALCS WAS resource cannot be inactivated because the resource is already inactive.

## Module

DXCWSB

---

<b>DXC2385E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Not enough IOCBs available</b>
-----------------	---

## Explanation

The ALCS WAS resource cannot be activated because there are not enough IOCBs available.

## System action

The WAS resource cannot be activated.

## Operator response

If it happens repeatedly, inform your System Programmer.

## System programmer response

Increase the total number of I/O control blocks (IOCBs) in the ALCS system. (See the description of the SCTGEN macro NBRIOB parameter in *ALCS Installation and Customization*).

## Module

DXCWSB

---

<b>DXC2386E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Register failed Return code RC-'rc' Reason code RSC-'rsn'</b>
-----------------	--

## Explanation

The ALCS WAS resource cannot be activated because the OLA Register service failed. Note that the Register name must be an CEC complex unique name. Otherwise the Register will fail with return code 8 and reason code 8.

## System action

The WAS resource cannot be activated.

## Problem determination

For the return codes and reason codes for OLA callable services see the IBM Information Center for WebSphere® and search for OLA calls return code.

## Module

DXCWSB

---

**DXC2387E**      **WAS Bridge - WAS Resource  
CRN-'crn' Register abended**

**Explanation**

The ALCS WAS resource cannot be activated because the OLA Register service abended. See also system error 00006B for more details.

**System action**

The WAS resource cannot be activated.

**System programmer response**

Inform your IBM local representative.

**Module**

DXCWSB

---

**DXC2388E**      **WAS Bridge - WAS Resource  
CRN-'crn' Get Connector failed  
Return code RC-'rc' Reason code  
RSC-'rsn'**

**Explanation**

The ALCS WAS resource cannot be activated because the OLA Get Connector service failed.

**System action**

The WAS resource cannot be activated.

**Problem determination**

For the return codes and reason codes for OLA callable services see the IBM Information Center for WebSphere Application Server - Network Deployment (z/OS) and search for OLA calls return code.

**Module**

DXCWSB

---

**DXC2389E**      **WAS Bridge - WAS Resource  
CRN-'crn' Get Connector abended**

**Explanation**

The ALCS WAS resource cannot be activated because the OLA Get Connector service abended. See also system error 00006B for more details.

**System action**

The WAS resource cannot be activated.

**System programmer response**

Inform your IBM local representative.

**Module**

DXCWSB

---

**DXC2390E**      **WAS Bridge - WAS Resource  
CRN-'crn' Unregister failed Return  
code RC-'rc' Reason code RSC-'rsn'**

**Explanation**

The OLA Unregister service failed during inactivation of the WAS resource.

**System action**

The WAS resource will be forcibly inactivated.

**Problem determination**

For the return codes and reason codes for OLA callable services see the IBM Information Center for WebSphere Application Server - Network Deployment (z/OS) and search for OLA calls return code.

**Module**

DXCWSB

---

**DXC2391E**      **WAS Bridge - WAS Resource  
CRN-'crn' Unregister abended**

**Explanation**

The OLA Unregister service abended during inactivation of the WAS resource. See also system error 00006B.

**System action**

The WAS resource will be inactivated.

**System programmer response**

Inform your IBM local representative.

**Module**

DXCWSB

---

**DXC2392E**      **WAS Bridge - WAS Resource  
CRN-'crn' Invalid CRI-'cri'**

**Explanation**

The ALCS WAS Bridge facility cannot process an input message from WAS resource *crn* because installation-

wide monitor exit USRWAS3 returned an invalid terminal CRI.

### System action

ALCS discards the input message.

### User response

Correct the installation-wide monitor exit.

### Module

DXCWSB

---

<b>DXC2393E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Send failed Return code RC-'rc' Reason code RSC-'rsn' Request type RQT-'rqt'</b>
-----------------	---

### Explanation

The OLA Send service failed for either RQT 4 - OLA Send Request, or RQT 5 - OLA Get Message Data (ALCS response).

### System action

The WAS resource will be inactivated.

### Problem determination

Return code 99 indicates that the Send was successful, but the subsequent WAS response was invalid. For the return codes and reason codes for OLA callable services see the IBM Information Center for WebSphere Application Server - Network Deployment (z/OS) and search for OLA calls return code.

### Module

DXCWSB

---

<b>DXC2394E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Receive failed Return code RC-'rc' Reason code RSC-'rsn' Request type RQT-'rqt'</b>
-----------------	--

### Explanation

The OLA Receive service failed for either RQT 1 - OLA Receive Request Specific, or RQT 2 - OLA Get Message Data, or RQT 3 - OLA Send Response.

### System action

The WAS resource will be inactivated.

### Problem determination

For the return codes and reason codes for OLA callable services see the IBM Information Center for WebSphere Application Server - Network Deployment (z/OS) and search for OLA calls return code. Note that the message "Return code RC-'8' Reason code RSC-'40' Request type RQT-2" means that the input message cannot fit in any ECB storage. It is likely that either there is no heap storage available or your heap storage is too small.

### Module

DXCWSB

---

<b>DXC2395E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Receive abended Request type RQT-'rqt'</b>
-----------------	---

### Explanation

The OLA Receive service abended for either RQT 1 - OLA Receive Request Specific, or RQT 2 - OLA Get Message Data, or RQT 3 - OLA Send Response. See also system error 00006B.

### System action

The WAS resource will be inactivated.

### System programmer response

Inform your IBM local representative.

### Module

DXCWSB

---

<b>DXC2396E</b>	<b>WAS Bridge - WAS Resource CRN-'crn' Send abended Request type RQT-'rqt'</b>
-----------------	--

### Explanation

The OLA Send service abended for either RQT 4 - OLA Send Request, or RQT 5 - OLA Get Message Data (ALCS response). See also system error 00006B.

### System action

The WAS resource will be inactivated.

### System programmer response

Inform your IBM local representative.

## Module

DXCWSB

---

**DXC2397E**      **WAS Bridge - WAS Resource  
CRN-'crn' Invalid TCRN-'crn'**

### Explanation

The ALCS protocol type 2 WAS Bridge facility cannot process an input message from WAS Resource *crn* because the remote WAS application returned an incorrect subordinate terminal CRN in the correlator.

### System action

ALCS discards the input message.

### User response

Correct the remote WAS application.

## Module

DXCWSB

---

**DXC2400I**      **Message rejected from CRN-*crn***

### Explanation

ALCS has received a message from the LU6.1 parallel session with CRN *crn*. ALCS cannot pass the message to the application for one of the following reasons:

- The LU6.1 link is routed to an application and the application name is not defined to ALCS.
- The LU6.1 link is routed to an inactive application.
- The LU6.1 link is not routed to an application.
- The LU6.1 link is routed to an application that does not accept messages in the current system state.
- The SYSSTATE parameter of the COMDEF macro can specify, for each application, the minimum system state for the receipt of messages (the default is NORM state).

### System action

ALCS discards the input message.

### Operator response

Use the ZDCOM command to check that the LU6.1 link is routed to the correct application. Use the ZACOM command to activate the application if required. Or use the ZACOM command to inactivate the LU6.1 link to prevent further input messages until ALCS reaches the appropriate system state.

## Module

DXCOPZ

---

**DXC2401W**      **Application name does not exist**

### Explanation

ALCS has received a message from a terminal. The terminal is routed to an application and the application name is not defined to ALCS.

### System action

ALCS discards the input message.

### Operator response

This error should not occur. If it does, inform your system programmer.

### System programmer response

Check and correct the ALCS communication generation.

## Module

DXCOPZ

---

**DXC2402W**      **Application name not active**

### Explanation

ALCS has received a message from a terminal routed to an inactive ALCS application, and the message is not a CLEAR or PA key entry, or ALCS command.

### System action

ALCS discards the input message.

### Operator response

Use the ZROUT command to check that the terminal is routed to the correct ALCS application, and activate the application, before retrying the message.

## Module

DXCOPZ

---

**DXC2403W**      **Not routed to an application**

### Explanation

ALCS has received a message from a terminal not routed to an application, and the message is not a CLEAR or PA key entry, or ALCS command.

## System action

ALCS discards the input message.

## Operator response

Route the terminal to the correct ALCS application using the ZACOM or ZROUT commands before retrying the message. Refer to *ALCS Operation and Maintenance* for details of the ZACOM and ZROUT commands.

## Module

DXCOPZ

---

<b>DXC2404W</b>	<b>Request not processed - System restricted</b>
-----------------	--

## Explanation

ALCS has received a message from a terminal that is routed to an active application that does not accept ALCS commands in the current system state, and the message is not a CLEAR or PA key entry, ALCS command, or answerback. The SYSSTATE parameter of the COMDEF macro can specify for each application the minimum system state for the receipt of messages (default NORM).

## System action

ALCS discards the input message.

## User response

Wait until ALCS reaches the appropriate state before retrying the message.

## Module

DXCOPZ

---

<b>DXC2405W</b>	<b>Logon rejected from LU CRN-'crn' - Unknown LU name</b>
-----------------	---

## Explanation

An agent has tried to log on to ALCS (or the network operator has issued a VARY LOGON) for the terminal with LU name *crn*, but the CRN is not defined to ALCS.

## System action

ALCS rejects the logon request.

## Operator response

Ask your system programmer to check the communication generation.

## Module

DXCCOME

---

<b>DXC2406W</b>	<b>Logon rejected from LU CRN-'crn' - Unsupported PS profile</b>
-----------------	--

## Explanation

An agent has tried to log on to ALCS (or the network operator has issued a VARY LOGON) for the terminal with LU name *crn*, but the terminal has an VTAM presentation services ( PS ) profile that ALCS does not support.

## System action

ALCS rejects the logon request.

## Operator response

Ask your VTAM system programmer to check the LU definition.

## Module

DXCCOME

---

<b>DXC2407W</b>	<b>Logon rejected from LU CRN-'crn' - Display width not 80 columns</b>
-----------------	--

## Explanation

An agent has tried to log on to ALCS (or the network operator has issued a VARY LOGON) for the terminal with LU name *crn*, but the display width is not 80 columns.

## System action

ALCS rejects the logon request.

## Operator response

Ask your VTAM system programmer to check the LU definition.

## Module

DXCCOME

---

<b>DXC2408W</b>	<b>Logon rejected from LU CRN-'crn' - Requested by installation exit</b>
-----------------	--

## Explanation

An agent has tried to log on to ALCS (or the network operator has issued a VARY LOGON) for the terminal with LU name *crn*, but the installation-wide communication logon exit routine requested that the logon is rejected.

## System action

ALCS rejects the logon request.

## System programmer response

If the attempted logon was legitimate, correct the exit routine.

## User response

Contact your airline representative.

## Module

DXCCOME

---

<b>DXC2409W</b>	<b>Logon rejected from LU CRN-'<i>crn</i>' - Incompatible PS profile</b>
-----------------	--

## Explanation

A logon request was received from ALCSLINK *crn*, but the link has an VTAM presentation services ( PS ) profile that is not valid for an LU type 6.1.

## System action

ALCS rejects the logon request.

## Operator response

Ask your VTAM system programmer to check the LU definition.

## Module

DXCCOLA

---

<b>DXC2410W</b>	<b>Logon rejected from LU CRN-'<i>crn</i>' - No session available</b>
-----------------	---

## Explanation

A logon request was received from ALCSLINK *crn*, but there are no available parallel sessions.

Or, a logon request was received from a 3270 display CRN, but it is defined as an alternate CRAS printer in the communication generation (COMDEF CRAS=AP*nnn*).

## System action

ALCS rejects the logon request.

## Operator response

Ask your VTAM system programmer to check that:

1. LU 6.1 sessions are defined compatibly in ALCS and in the system they communicate with, or
2. 3270 device is defined correctly in ALCS and VTAM.

## Module

DXCCOLA

---

<b>DXC2411W</b>	<b>Logon rejected from LU CRN-'<i>crn</i>' - Response bind unacceptable</b>
-----------------	---

## Explanation

This ALCS and the system it communicates with across an ALCSLINK are unable to agree on communication parameters.

## System action

ALCS rejects the logon request.

## Operator response

Ask your VTAM system programmer to check that the LU 6.1 sessions are defined compatibly in ALCS and in the system they communicate with.

## Module

DXCCOLA

---

<b>DXC2412W</b>	<b>X25PVC XCRN-'<i>crn</i>' unknown TCID-'<i>tcid</i>' IA-'<i>ia</i>' TA-'<i>ta</i>'</b>
-----------------	--

## Explanation

A message was received on X.25 link *crn* from a remote terminal, but the terminal is not defined to ALCS.

**Note:** The TCID *tcid* value is only used for terminal addressing when the X.25 link is defined with COMDEF PRTCOL=TYPE7. The IA *ia* value is only used for terminal addressing when the X.25 link is defined with COMDEF PRTCOL=TYPE6 or TYPE7.

## System action

ALCS discards the message.

## Operator response

Ask your system programmer to check the communication generation.

## Module

DXCCOMX

---

**DXC2413W** SLC link CRN-'*crn*' unknown  
HEX-'*hex*' TCID-'*tcid*' IA-'*ia*' TA-'*ta*'

## Explanation

A message was received on SLC link *crn* from a remote ALC terminal, but the terminal is not defined to ALCS. An SLC-ID for the remote terminal is constructed using the link CRI, high-level network exit address (*hex*), TCID (*tcid*), IA (*ia*), and TA (*ta*) - the SLC-ID is used to scan the ALCS DXCSLCTB communication table to retrieve the terminal CRI.

## System action

ALCS discards the message.

## Operator response

Ask your system programmer to check the communication generation.

## Module

DXCSLCID

---

**DXC2414W** ALCI LU CRN-'*crn*' unknown  
LEID-'*leid*'

## Explanation

A message was received on ALCI LU *crn* from a remote terminal, but the terminal with LEID *leid* is not defined to ALCS.

## System action

ALCS discards the message.

## Operator response

Ask your system programmer to check the communication generation.

## Module

DXCCOMR

---

**DXC2415W** APPC/MVS re-identify failure

## Explanation

ALCS is unable to re-identify itself as an Advanced Program-to-Program Communications/MVS (APPC/MVS) scheduler after an APPC/MVS failure.

## System action

ALCS continues processing normally.

## User response

Stop APPC/MVS and restart it. Otherwise, check your APPCPMxx member.

## Module

DXCCOLF

---

**DXC2416I** APPC/MVS APPC-LU LUN-'*luname*'  
deactivated

## Explanation

The Advanced Program-to-Program Communications/MVS (APPC/MVS) base logical unit with CRN *crn* became inactive.

## System action

ALCS continues processing normally.

## Module

DXCCOLF

---

**DXC2417I** APPC/MVS APPC-LU LUN-'*luname*'  
activated

## Explanation

The Advanced Program-to-Program Communications/MVS (APPC/MVS) base logical unit with CRN *crn* became active.

## System action

ALCS continues processing normally.

## Module

DXCCOLF

---

**DXC2418E** APPC/MVS define TP-ID failure

## Explanation

ALCS is unable to define a local TP-ID.

## System action

ALCS continues processing normally.

## User response

If Advanced Program-to-Program Communications/MVS (APPC/MVS) is inactive, start it. Otherwise check your APPCPMxx parmlib member; if this is correct, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOLF

---

**DXC2419E**      **VTAM request to release LU LUN-'luname' rejected - LU not VTAM 3270 printer**

## Explanation

VTAM requested ALCS through the RELREQ exit to release an LU which is not a 3270-type printer.

## System action

ALCS ignores the request and returns to VTAM.

## Operator response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOME

---

**DXC2420E**      **VTAM request to release LU LUN-'luname' rejected - Unknown LU name**

## Explanation

VTAM requested ALCS through the RELREQ exit to release an LU which is not known to ALCS.

## System action

ALCS ignores the request and returns to VTAM.

## Operator response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOME

---

**DXC2421E**      **LU LUN-'luname' logged off - Timeout expired**

## Explanation

ALCS issued a VTAM SEND but VTAM was unable to initiate the SEND. However VTAM does not inform ALCS of this.

## System action

ALCS initiates a session termination for this LU.

## Operator response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Note:

**GUPI:** *The next message is also intended for automated operations.*

## Module

DXCCOME

---

**DXC2422W**      **NetView unknown CRN-'crn'**

## Explanation

A message was received on the NetView Program-to-Program Interface (PPI), but the NetView device is not defined to ALCS.

## System action

ALCS discards the message.

## Operator response

Ask your system programmer to check the communication generation.

## Module

DXCCOMP

---

**DXC2427W**      **Logon rejected from LU CRN-'crn' - Defined as test resource**

## Explanation

An agent has tried to log on to ALCS (or the network operator has issued a VARY LOGON) for the terminal with LU name *crn*, but the CRN is defined to ALCS as a test resource.

### System action

ALCS rejects the logon request.

### Operator response

Ask your system programmer to check the communication generation.

### Module

DXCCOME

---

**DXC2428E**      **VTAM resource CRN-'*crn*' inactive -  
*nnn* messages were queued**

### Explanation

*nnn* ECB-controlled programs issued a ROUTC or SENDC monitor-request macro to send messages to a VTAM resource. The messages were queued waiting for transmission, but the resource was inactivated before these messages could be transmitted.

### System action

For each message that was waiting to be transmitted, ALCS detaches the message block from the ECB and returns control to the entry.

### User response

Check that the resource is correctly defined in the communication generation. Also check that all required communication resources are correctly started.

### Module

DXCCOME

---

**DXC2429W**      **Request not processed - Large  
message**

### Explanation

ALCS has received a large message in extended format from a terminal which is routed to an application owned by another system, and the message is not a CLEAR or PA key entry, or ALCS command. Large messages are only allowed for applications which are owned by this system.

### System action

ALCS discards the input message.

### Operator response

Route the terminal to the correct ALCS application using the ZACOM or ZROUT commands before retrying the message.

### Module

DXCOPZ

---

**DXC2430W**      **VTAM resource CRI-*cri* deleted -  
logon rejected**

### Explanation

ALCS has received a logon request from CRI *cri* while the resource is being deleted. The logon request is rejected.

### System action

ALCS ignores the logon request.

### Operator response

Identify the VTAM resource and terminate its session with ALCS using VTAM commands.

### Module

DXCCOME

---

**DXC2480W**      **CRI and/or ORD ranges differ**

### Explanation

The ranges of CRI addresses and/or the ranges of resource ordinal numbers defined in the communication generation COMGEN macro (for exclusive use by the offline communication generation) have been modified and no longer match the ranges that OCTM is inhibited from using.

### System action

The OCTM policing function continues.

### User response

If the ranges of CRI addresses and/or ordinal numbers have been reduced in the ALCS communications generation, then no action is required (the ranges used by OCTM will not though change). If the ranges have been expanded, they may now include CRIs and/or ordinals that are used by communication resources managed by OCTM. Contact your IBM programming support representative for assistance in resolving any issues that arise by this change in the CRI and/or ordinal ranges.

## Module

COTE

---

**DXC2481W**      ***action is still in progress for CRN-  
crn***

## Explanation

The Online Communication Table Maintenance (OCTM) policing function has identified that this *action* is still in progress for CRN *crn*. This *action* was submitted to OCTM via the COMTC macro.

## System action

The OCTM policing function continues.

## User response

A COMTC macro, with this *action*, should be issued again for the CRN *crn*.

## Module

COTE

---

**DXC2482W**      ***action is still in progress for  
GROUP-grp***

## Explanation

The Online Communication Table Maintenance (OCTM) policing function has identified that this *action* is still in progress for GROUP *grp*. This *action* was submitted to OCTM via the COMTC macro.

## System action

The OCTM policing function continues.

## User response

A COMTC macro, with this *action*, should be issued again for the GROUP *grp*.

## Module

COTE

---

**DXC2483W**      ***record\_type records nearly  
depleted***

## Explanation

The Online Communication Table Maintenance (OCTM) database contains two types of record (*record\_type*). They are Base records and Change records. When COMTC macros are used to add new communication resources, additional Base and Change records are

required. Although OCTM still has space left for additional Base and Change records, that space is almost depleted (less than 100 physical records are available).

## System action

The OCTM policing function continues.

## User response

Obtain assistance from your ALCS system programmer. The problem could be caused by insufficient available size L3 long-term pool records, or it could be caused by insufficient spare ordinal numbers for communication resources. If additional resource ordinals are required, then increase the range of ordinal numbers defined on the MAXORD parameter of the ALCS communication generation COMGEN macro and rebuild the initial communication configuration load module. If additional size L3 long-term pool records are needed, then run Recoup. If not enough size L3 long-term pool records are returned by Recoup, then increase the number of available size L3 long-term pool records by expanding the database.

## Module

COTE

---

**DXC2484I**      ***action is still outstanding for CRN-  
crn***

## Explanation

The Online Communication Table Maintenance (OCTM) policing function has identified that this COMTC *action* has been outstanding for CRN *crn* for more than 48 hours.

## System action

The OCTM policing function continues.

## User response

A COMTC macro, with this *action* should be issued for the CRN *crn*. This message will be repeated every 8 hours until this COMTC *action* has been performed for this CRN *crn*.

## Module

COTE

---

**DXC2485I**      ***action is still outstanding for  
GROUP-grp***

## Explanation

The Online Communication Table Maintenance (OCTM) policing function has identified that this COMTC *action* has been outstanding for GROUP *grp* for more than 48 hours.

## System action

The OCTM policing function continues.

## User response

A COMTC macro, with this *action* should be issued for the GROUP *grp*. This message will be repeated every 8 hours until this COMTC *action* has been performed for this GROUP *grp*.

## Module

COTE

---

<b>DXC2486I</b>	<b>ACOM Communication load module <i>module</i> confirmed audit trail</b>
-----------------	---

## Explanation

This message is a normal response to the ZACOM CONFIRM command.

## System action

Processing continues.

---

<b>DXC2487I</b>	<b>ACOM Communication load module <i>module</i> backed out audit trail</b>
-----------------	--

## Explanation

This message is a normal response to the ZACOM BACKOUT command.

## System action

Processing continues.

---

<b>DXC2488I</b>	<b>ACOM Communication load module <i>module</i> loaded audit trail</b>
-----------------	--

## Explanation

This message is a normal response to the ZACOM LOAD command.

## System action

Processing continues.

---

<b>DXC2489I</b>	<b>CRAS status removed from CRN-'<i>crn</i>' CRI-'<i>cri</i>' CRAS status was CT2-'<i>old_cras_type</i>' - Changed by <i>name</i></b>
-----------------	---

## Explanation

The ALCS operator used the ZACOM command to remove CRAS status (*old\_cras\_type*) from the resource with CRN *crn* and CRI *cri*. *name* is the CRN of the display terminal where the ZACOM command was entered.)

## System action

ALCS processing continues with the new CRAS status.

## Module

COMB

---

<b>DXC2490I</b>	<b>CT-'<i>cras_type</i>' is now on CRN-'<i>crn</i>' CRI-'<i>cri</i>' CRAS status was CT2-'<i>old_cras_type</i>' - Changed by <i>name</i></b>
-----------------	--

## Explanation

One of the following has occurred:

- ALCS has detected that the Prime or RO CRAS (*cras\_type*) terminal has been lost, and has fallen back to an alternative terminal with CRN *crn* and CRI *cri* (*name* is ALCS.)
- b) The ALCS operator used the ZACOM command to assign or transfer CRAS status (*cras\_type*) to the resource with CRN *crn* and CRI *cri*. (*name* is the CRN of the display terminal where the ZACOM command was entered.)

## System action

ALCS processing continues with the new CRAS status.

## Operator response

If *name* is ALCS then ask your network operator to investigate the relevant line or terminal for possible malfunction.

## Module

COMB

---

<b>DXC2501E</b>	<b>No fallback available for Prime CRAS CRN-'<i>crn</i>'</b>
-----------------	--

## Explanation

An error has occurred on Prime CRAS with CRN *crn* and ALCS cannot find a suitable alternate CRAS terminal for fallback.

## System action

ALCS sends this message to the current RO CRAS terminal and terminates CRAS fallback processing.

## User response

Check that the CRASs are correctly specified in the communication generation tables, and that at least one display and one printer with alternate CRAS AT1 through AT16 status are available for fallback while ALCS is running.

## Module

CXE0

---

<b>DXC2502W</b>	<b>CRI-'cri' CRN-'crn' RC-'rr' FB2-'ff' SC-'ssmmuuuu' - Negative response received</b>
-----------------	--

## Explanation

ALCS has detected a negative response in the ALCS communication receive post-interrupt routine for a VTAM terminal or WTTY link with CRI *cri* and CRN *crn*:

**rr**  
VTAM return code

**ff**  
VTAM feedback 2 code

**ss**  
System sense

**mm**  
System sense modifier

**uuuu**  
User sense.

## System action

ALCS attempts to recover from the error. This action can include, but is not restricted to, the following:

**Bracket error**  
The bracket state is reset.

**State error**  
The session is reset.

Some errors may cause the session to be terminated or become unusable.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMR

---

<b>DXC2503W</b>	<b>CRI-'cri' CRN-'crn' RC-'rr' FB2-'ff' SC-'ssmmuuuu' - Non-zero RTNCD/FDBK2 received</b>
-----------------	---

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM in the ALCS communication receive (synchronous data flow) post-interrupt routine for a VTAM terminal or WTTY link with CRI *cri* and CRN *crn*:

**rr**  
VTAM return code

**ff**  
VTAM feedback 2 code

**ss**  
System sense

**mm**  
System sense modifier

**uuuu**  
User sense.

## System action

ALCS attempts to recover from the error. This action can include, but is not restricted to, the following:

**Bracket error**  
The bracket state is reset.

**State error**  
The session is reset.

Some errors may cause the session to be terminated or become unusable.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMR

---

<b>DXC2504W</b>	<b>CRI-'<i>cri</i>' CRN-'<i>crn</i>' RC-'<i>rr</i>' FB2-'<i>ff</i>' SC-'<i>ssmmuuuu</i>' - Non-zero RTNCD/FDBK2 received</b>
-----------------	--

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM in the ALCS communication receive (asynchronous data flow) post-interrupt routine for a VTAM terminal or WTTY link with CRI *cri* and CRN *crn*:

**rr**  
VTAM return code

**ff**  
VTAM feedback 2 code

**ss**  
System sense

**mm**  
System sense modifier

**uuuu**  
User sense.

## System action

ALCS attempts to recover from the error. This action can include, but is not restricted to, the following:

**Bracket error**  
The bracket state is reset.

**State error**  
The session is reset.

Some errors may cause the session to be terminated or become unusable.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMR

---

<b>DXC2505W</b>	<b>CRI-'<i>cri</i>' CRN-'<i>crn</i>' RC-'<i>rr</i>' FB2-'<i>ff</i>' SC-'<i>ssmmuuuu</i>' - Non-zero RTNCD/FDBK2 received</b>
-----------------	--

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM in the ALCS communication receive (response) post-interrupt routine for a VTAM terminal or WTTY link with CRI *cri* and CRN *crn*:

**rr**  
VTAM return code

**ff**  
VTAM feedback 2 code

**ss**  
System sense

**mm**  
System sense modifier

**uuuu**  
User sense.

## System action

ALCS attempts to recover from the error. This action can include, but is not restricted to, the following:

**Bracket error**  
The bracket state is reset.

**State error**  
The session is reset.

Some errors may cause the session to be terminated or become unusable.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMR

---

<b>DXC2506W</b>	<b>CRI-'<i>cri</i>' CRN-'<i>crn</i>' RC-'<i>rr</i>' FB2-'<i>ff</i>' SC-'<i>ssmmuuuu</i>' - Non-zero RTNCD/FDBK2 received on CLEAR request - LU logged off</b>
-----------------	---

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM after issuing a Clear request during error recovery for a VTAM terminal with CRI *cri* and CRN *crn*.

<b>rr</b>	VTAM return code
<b>ff</b>	VTAM feedback 2 code
<b>ss</b>	System sense
<b>mm</b>	System sense modifier
<b>uuuu</b>	User sense.

## System action

ALCS terminates the session with the LU.

## Operator response

Ask your network operator to investigate the relevant line or terminal for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMS

---

<b>DXC2507W</b>	<b>CRI-'cri' CRN-'crn' RC-'rr' FB2-'ff' SC-'ssmmuuuu' - Non-zero RTNCD/FDBK2 received on SDT request - LU logged off</b>
-----------------	--

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM after issuing a Start Data Traffic request during error recovery for a VTAM terminal with CRI *cri* and CRN *crn*.

<b>rr</b>	VTAM return code
<b>ff</b>	VTAM feedback 2 code
<b>ss</b>	System sense
<b>mm</b>	System sense modifier

**uuuu**

User sense.

## System action

ALCS terminates the session with the LU.

## Operator response

Ask your network operator to investigate the relevant line or terminal for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMS

---

<b>DXC2508W</b>	<b>CRI-'cri' CRN-'crn' RC-'rr' FB2-'ff' SC-'ssmmuuuu' - Non-zero RTNCD/FDBK2 received</b>
-----------------	---

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM in the ALCS communication send post-interrupt routine for a VTAM terminal with CRI *cri* and CRN *crn*:

<b>rr</b>	VTAM return code
<b>ff</b>	VTAM feedback 2 code
<b>ss</b>	System sense
<b>mm</b>	System sense modifier
<b>uuuu</b>	User sense.

## System action

ALCS attempts to recover from the error. This action can include, but is not restricted to, the following:

### **Bracket error**

The bracket state is reset.

### **State error**

The session is reset.

Some errors may cause the session to be terminated or become unusable.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMS

---

<b>DXC2509W</b>	<b>CRI-'cri' CRN-'crn' RTNCD-'rr' FDBK2-'ff' SENSE-'ssmmuuuu' - Non-zero RTNCD/FDBK2 received on CLSDST or TERMSESS</b>
-----------------	---

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM in the ALCS communication session termination post-interrupt routine for a resource with CRI *cri* and CRN *crn*.

**rr**  
ACF/VTAM return code

**ff**  
ACF/VTAM feedback 2 code

**ss**  
System sense

**mm**  
System sense modifier

**uuuu**  
User sense.

## Operator response

Contact your network operator to investigate the relevant line or terminal for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOME

---

<b>DXC2510W</b>	<b>CRI-'cri' CRN-'crn' RC-'rr' FB2-'ff' SC-'ssmmuuuu' - Non-zero RTNCD/FDBK2 received</b>
-----------------	---

## Explanation

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM in the ALCS communication WTTY send post-interrupt routine for a WTTY link with CRI *cri* and CRN *crn*:

**rr**  
VTAM return code

**ff**  
VTAM feedback 2 code

**ss**  
System sense

**mm**  
System sense modifier

**uuuu**  
User sense.

## System action

ALCS attempts to recover from the error. This action can include, but is not restricted to, the following:

**Bracket error**  
The bracket state is reset.

**State error**  
The session is reset.

Some errors may cause the session to be terminated or become unusable.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Problem determination

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

## Module

DXCCOMS

---

<b>DXC2511W</b>	<b>CRI-'cri' CRN-'crn' SC-'ssmmuuuu' LEID-'leid' - ALCI - Sense data received</b>
-----------------	---

## Explanation

ALCS has received sense data for an ALCI supported terminal with CRI *cri* and CRN *crn*:

**ss**  
System sense

**mm**

System sense modifier

**uuuu**

User sense

**leid**

ALCI logical end-unit identifier (LEID).

**System action**

ALCS ignores the sense data.

**Operator response**

If this message occurs frequently, ask your network operator to investigate the relevant line or terminal for possible malfunction.

**Problem determination**

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe the sense data. See also *ALCI Diagnosis Guide and Reference* for the meaning of sense code PIU.

**Module**

DXCCOMR

---

<b>DXC2512W</b>	<b>CRI-'cri' CRN-'crn' RC-'rr' FB2-'ff' SC-'ssmmuuuu' - Non-zero RTNCD/FDBK2 received</b>
-----------------	---

**Explanation**

ALCS has detected a non-zero return code or a non-zero feedback code from VTAM in the ALCS communication ALCSLINK post-interrupt routine for an LU 6.1 link with CRI *cri* and CRN *crn*:

**rr**

VTAM return code

**ff**

VTAM feedback 2 code

**ss**

System sense

**mm**

System sense modifier

**uuuu**

User sense.

**System action**

ALCS attempts to recover from the error. This action can include, but is not restricted to, the following:

**Bracket error**

The bracket state is reset.

**State error**

The session is reset.

Some errors may cause the session to be terminated or become unusable.

**Operator response**

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

**Problem determination**

*VTAM Programming* and *VTAM Reference Summary* for the installed version and release of VTAM describe these return codes, feedback 2 codes, and sense data.

**Module**

DXCCOMR, DXCCOMS

---

<b>DXC2513W</b>	<b>CRI-'cri' BATAP retry limit exceeded</b>
-----------------	---

**Explanation**

BATAP for resource CRI *cri* did not receive any BATAP acknowledgment (IMA). As a result, the number of retries exceeded the threshold value determined in the bilateral agreement with SITA and set by means of the ZACOM command.

**System action**

ALCS processing continues and BATAP continues.

**User response**

This error should only occur if the SITA high-level network (HLN) is not available; ask your system programmer to inform your high-level-network support representative.

**Module**

CBQC

---

<b>DXC2514E</b>	<b>CRI-'cri' BATAP lockout</b>
-----------------	--------------------------------

**Explanation**

BATAP for resource CRI *cri* cannot transmit messages because of a lockout condition.

**System action**

ALCS processing continues but BATAP is unusable.

## User response

Terminate and re-establish the session.

## Module

CBQC

---

**DXC2515I**      **CRI-'cri' BATAP connected**

## Explanation

The session for resource CRI *cri* is established.

## System action

Processing continues.

## Module

CBQC

---

**DXC2516W**      **CRI-'cri' BATAP disconnected**

## Explanation

The session for resource CRI *cri* is terminated.

## System action

Processing continues.

## Module

CBQC

---

**DXC2517I**      **CRN-'crn' KCN-'kcn' line out of service**

## Explanation

Channel *kcn* of SLC link *crn* has gone down.

## System action

ALCS brings the channel back into service when the channel down timeout expires.

## Module

DXCSLCIN

---

**DXC2518I**      **CRN-'crn' link in control state - Data suspended**

## Explanation

A stop link control block (LCB) was received for the last operating channel of SLC link *crn*. The link cannot

transmit or receive link data blocks (LDBs) until a resume LCB is received.

## Module

DXCSLCIN

---

**DXC2519W**      **CRN-'crn' lost AML for message label LBL-'mm' type MT-'t'**

## Explanation

After transmitting a multiblock type *t* message on SLC link *crn* with output message label *mm*, no AML was received during the timeout interval after all blocks of the message were acknowledged.

## System action

For Type A messages, ALCS clears the output message label and discards the message. For Type B messages, ALCS clears the output message label and retransmits the message with possible duplicate message ( PDM ) indication.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIN

---

**DXC2520W**      **CRN-'crn' KCN-'kcn' LCB received with illogical or reset ATSI**

## Explanation

A link control block (LCB) was received on channel *kcn* of SLC link *crn*. The LCB has a transmission sequence number ( TSN ) in the ATSI field that is not in the range 'last acknowledged TSN ' to 'last sent TSN '. That is, the LCB acknowledges a block, but either ALCS has already received an acknowledgment or ALCS has not yet sent the block.

## System action

ALCS discards the LCB. If it is an enquiry, ALCS sets the link down.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIN

---

**DXC2521I**      **CRN-'crn' KCN-'kcn' line in service**

## Explanation

Exchange of idle link control blocks (LCBs) has been established on channel *kcn* of SLC link *crn*.

## Module

DXCSLCIN

---

**DXC2522I**      **CRN-'crn' data transmission restarted**

## Explanation

Exchange of resume link control blocks (LCBs) has been established on at least one channel of SLC link *crn*. The link is able to transmit or receive link data blocks (LDBs).

## Module

DXCSLCIN

---

**DXC2523I**      **CRN-'crn' stop all received**

## Explanation

A 'stop all channels' link control block (LCB) was received on SLC link *crn*.

## System action

ALCS sends an enquiry LCB on each operating channel of the link.

## Module

DXCSLCIN

---

**DXC2524I**      **CRN-'crn' KCN-'kcn' stop received**

## Explanation

A stop link control block (LCB) was received for channel *kcn* of SLC link *crn*. The channel cannot transmit or receive LDBs until a resume LCB is received.

## Module

DXCSLCIN

---

**DXC2525I**      **CRN-'crn' link down**

## Explanation

Either:

- ALCS has stopped the link in response to a ZLSTP (or possibly a ZASYS) command
- or:
- ALCS detected a condition on the SLC link that requires ALCS to stop the link temporarily. In this case, ALCS automatically restarts the link when the channel down timeout expires.

## System action

ALCS stops transmitting or receiving on the link. Depending on the reason, ALCS may restart the link when the channel down timeout expires.

## Module

DXCSLCIN, CMC1

---

**DXC2528I**      **CRN-'crn' resume all received**

## Explanation

A 'resume all channels' link control block (LCB) was received on SLC link *crn*.

## System action

ALCS processes the LCB as if a resume LCB was received on each channel of the link.

## Module

DXCSLCIN

---

**DXC2529W**      **CRN-'crn' block found after block with last block set - Type MT-'t'**

## Explanation

During receipt of a multiblock type *t* message on SLC link *crn*, a block was received with the 'last block' indicator on in the link envelope, before the block which completed the message.

## System action

ALCS discards the message and clears the relevant input message label.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

**DXC2530W**      **CRN-'crn' incomplete type MT-'t' message received**

## Explanation

During receipt of a multiblock type *t* message on SLC link *crn*, no block was received with the 'last block' indicator set on in the link envelope, during the timeout interval after receiving the previous block.

## System action

ALCS discards the message and clears the relevant input message label.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

**DXC2531W**      **CRN-'crn' type MT-'t' output MBI exhaustion**

## Explanation

A multiblock type *t* message is ready to be transmitted on SLC link *crn*, but there is no free type *t* output message label available for ALCS to use in the message block indicator (MBI).

## System action

ALCS replaces the multiblock message on the SLC link output queue, for subsequent transmission when an output message label becomes available.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCOU

---

**DXC2532W**      **CRN-'crn' KCN-'kcn' invalid LCB received - LSI-'lsi'**

## Explanation

A link control block (LCB) was received on channel *kcn* of SLC link *crn*. The LCB has an invalid link status identifier (LSI). The contents of the LSI field are *lsi*.

## System action

ALCS discards the LCB.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIN

---

**DXC2533W**      **CRN-'crn' KCN-'kcn' lost ETB**

## Explanation

A synchronous (SYN) character was found within message data received on channel *kcn* of SLC link *crn*, or an end-of-message (ETB) character was not received within 255 characters from the start-of-message (DLE) character.

## System action

ALCS discards the data.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

**DXC2534W**      **CRN-'crn' KCN-'kcn' lost DLE**

## Explanation

Message data received channel *kcn* of SLC link *crn* was not preceded by a start-of-message (DLE) character.

## System action

ALCS discards the data.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

**DXC2535W**      **CRN-'crn' message received with invalid MBI - MBI-'mbi'**

## Explanation

A message block was received on SLC link *crn*. The message block has an invalid message block indicator (MBI). The contents of the MBI field are *mbi*.

## System action

ALCS acknowledges the message block, then discards it.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

**DXC2536W**      **CRN-'crn' KCN-'kcn' line in loop**

## Explanation

A link control block (LCB) was received on channel *kcn* of SLC link *crn*. The LCB has the loop test bit value for outgoing LCBs.

## System action

ALCS discards the LCB.

## User response

Check the ALCS communication generation to determine the value and use of the loop test bit for the link. Use the ZLTST command to bypass the loop bit test for the link if required.

*ALCS Operation and Maintenance* describes the ZLTST command.

## Module

DXCSLCIN

---

**DXC2537I**      **CRN-'crn' all channels non-functioning - Cycled down**

## Explanation

The last operating channel of SLC link *crn* has been stopped by the operator, or by ALCS during system state change.

## System action

ALCS stops transmitting or receiving on the link. Other processing continues (depending on the system state).

## Module

CMC5

---

**DXC2538W**      **CRN-'crn' KCN-'kcn' EIB-'eib' received on LCB**

## Explanation

A link control block (LCB) was received on channel *kcn* of SLC link *crn*. The LCB has a non-zero error index byte ( EIB ). The contents of the EIB field are *eib*.

## System action

ALCS discards the LCB.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

**DXC2539W**      **CRN-'crn' KCN-'kcn' short block received - X'hex\_data'**

## Explanation

A block of less than 4 bytes was received on channel *kcn* of SLC link *crn*. The contents of the block are *hex\_data*.

## System action

ALCS discards the block.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

<b>DXC2540W</b>	<b>CRN-'crn' KCN-'kcn' AML received for unused MBI-'mm'</b>
-----------------	---

---

## Explanation

An acknowledge message label ( AML ) link control block (LCB) was received on channel *kcn* of SLC link *crn*. The AML refers to unused output message block indicator (MBI) *mm*.

## System action

ALCS discards the LCB.

## Module

DXCSLCIN

---

<b>DXC2543W</b>	<b>CRN-'crn' KCN-'kcn' block received not LCB or LDB - X'hex_data'</b>
-----------------	--

---

## Explanation

A block was received on channel *kcn* of SLC link *crn*. The block is not a link control block (LCB) or a link data block (LDB). The contents of the block are *hex\_data*.

## System action

ALCS discards the block.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

<b>DXC2544W</b>	<b>CRN-'crn' KCN-'kcn' repeated NAK received and discarded - X'hex_data'</b>
-----------------	--

---

## Explanation

Two negative acknowledgment link control blocks (LCBs) have been received on channel *kcn* of SLC link *crn* with the same value in the ATSI field and without any other intervening LCB. The contents of the LCB are *hex\_data*.

## System action

ALCS discards the LCB.

## Operator response

If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

## Module

DXCSLCIP

---

<b>DXC2545I</b>	<b>CRN-'crn' no messages received during previous 15 mins</b>
-----------------	---

---

## Explanation

No message has been received on SLC link *crn* during the previous 15 minutes, and at least one channel of the link has been operating for the whole of that period.

## Operator response

Inform your network operator.

## Module

DXCSLCTM

---

<b>DXC2546I</b>	<b>CRN-'crn' no messages sent during previous 15 mins</b>
-----------------	---

---

## Explanation

No message has been sent on SLC link *crn* during the previous 15 minutes, and at least one channel of the link has been operating for the whole of that period.

## Operator response

Inform your network operator.

## Module

DXCSLCTM

---

<b>DXC2547I</b>	<b>SLC send side error - Recovered - KCN-'kcn' LINK CRN-'crn' OP-'oo' SC-'ss' CC-'cc' CSW-'csw'</b>
-----------------	---

---

## Explanation

The send side channel program for channel *kcn* of SLC link *crn* has terminated with a recoverable I/O error:

**oo** Operation code of failing operation

**ss** One byte of sense data from the communication controller

**cc**

START IO ( SIO ) condition code for channel program

**csw**

Channel status word (CSW) for the failing operation.

**System action**

ALCS restarts the channel program.

**Operator response**

If this message occurs frequently, ask your network operator to investigate the relevant line or terminal for possible malfunction.

**Problem determination**

*3705 EP Generation and Logic Manual for LICRA* describes these operation codes, sense data, and CSW status indicators.

**Module**

CML2

---

<b>DXC2548W</b>	<b>SLC send side error - Line closed</b> - KCN-'kcn' LINK CRN-'crn' OP-'oo' SC-'ss' CC-'cc' CSW-'csw'
-----------------	---

**Explanation**

The send side channel program for channel *kcn* of SLC link *crn* has terminated with a unrecoverable I/O error:

**oo**

Operation code of failing operation

**ss**

One byte of sense data from the communication controller

**cc**

START IO ( SIO ) condition code for channel program

**csw**

Channel status word (CSW) for the failing operation.

**System action**

ALCS closes the channel.

**Operator response**

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

**Problem determination**

*3705 EP Generation and Logic Manual for LICRA* describes these operation codes, sense data, and CSW status indicators.

**Module**

CML2

---

<b>DXC2549I</b>	<b>SLC receive side error - Recovered</b> - KCN-'kcn' LINK CRN-'crn' OP-'oo' SC-'ss' CC-'cc' CSW-'csw'
-----------------	--

**Explanation**

The receive side channel program for channel *kcn* of SLC link *crn* has terminated with a recoverable I/O error:

**oo**

Operation code of failing operation

**ss**

One byte of sense data from the communication controller

**cc**

START IO ( SIO ) condition code for channel program

**csw**

Channel status word (CSW) for the failing operation.

**System action**

ALCS restarts the channel program.

**Operator response**

If this message occurs frequently, ask your network operator to investigate the relevant line or terminal for possible malfunction.

**Problem determination**

*3705 EP Generation and Logic Manual for LICRA* describes these operation codes, sense data, and CSW status indicators.

**Module**

CML2

---

<b>DXC2550W</b>	<b>SLC receive side error - Line closed</b> - KCN-'kcn' LINK CRN-'crn' OP-'oo' SC-'ss' CC-'cc' CSW-'csw'
-----------------	--

## Explanation

The receive side channel program for channel *kcn* of SLC link *crn* has terminated with a unrecoverable I/O error:

### oo

Operation code of failing operation

### ss

One byte of sense data from the communication controller

### cc

START IO (SIO) condition code for channel program

### CSW

Channel status word (CSW) for the failing operation.

## System action

ALCS closes the channel.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Problem determination

*3705 EP Generation and Logic Manual for LICRA* describes these operation codes, sense data, and CSW status indicators.

## Module

CML2

---

<b>DXC2551E</b>	<b>Invalid action code ACT-'x' in emergency exit</b>
-----------------	--

## Explanation

The emergency exit was entered with incorrect entry conditions. Action code x is invalid.

## User response

The emergency exits are not intended for use in user-written programs. If the error is in an IBM-supplied program then ask your system programmer to inform your IBM programming support representative.

## Module

CLQC

---

<b>DXC2552E</b>	<b>No response from link CRN-'crn'</b>
-----------------	--

## Explanation

ALCS has received no response from an LU 6.1 link with CRN *crn*.

## System action

ALCS updates its communication tables to indicate that the link is unusable.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Module

CLQC

---

<b>DXC2553E</b>	<b>No response from printer CRN-'crn'</b>
-----------------	---

## Explanation

ALCS has received no response from VTAM for a printer with CRN *crn*, after transmitting the last message segment three times.

## System action

ALCS updates its communication tables to indicate that the printer is unusable. If the printer is an ALC device, then ALCS sends it a test message at intervals to solicit a possible response.

## Operator response

Ask your network operator to investigate the relevant LU 6.1 link for possible malfunction.

## Module

CPQC

---

<b>DXC2554A</b>	<b>VTAM operator has issued halt - Halt ALCS with 'ZASYS HALT' command</b>
-----------------	--

## Explanation

The VTAM operator has halted the VTAM communication network. VTAM cannot complete termination until all sessions with ALCS are terminated.

## System action

ALCS processing continues. ALCS sends message DXC204A to the MVS console (see “DXC204A” on page 31).

## Operator response

Halt ALCS as soon as possible.

## Module

DXCCOME

---

**DXC2555I**      **Test message - Please ignore**

## Explanation

ALCS received no response from an ALC or NetView printer on the VTAM network after transmitting the last message segment three times.

## System action

ALCS has updated its communication tables to indicate that the printer is unusable, and sends this message to solicit a possible response from the printer. ALCS repeats this message at intervals until a response is received or until the LU that controls the printer becomes inactive.

## Module

CPQC

---

**DXC2557W**      **Incorrect CRI in RCR record - CRN-  
crn Old CRI-oldcri, New CRI-newcri**

## Explanation

When ALCS verified the status of the resource control record (RCR) it just retrieved, it encountered the wrong CRI inside the record.

**Attention:** This error can have serious consequences.

## System action

ALCS re-initializes the record according to the resource definition in the ALCS communication generation.

## User response

Check the ALCS communication generation for a possible shift in ordinals allocated during ALCS start. Check with your system programmer whether to shutdown the ALCS system immediately to correct the error in the ALCS communication generation or to continue.

If the ALCS communication generation does not show any ordinal shift, ask your system programmer to inform your IBM programming support representative.

## Module

CQS1

---

**DXC2650E**      **Sequential file seq I/O error  
dev,ty,ddname,operation,error,addr  
ess,BSAM DSN-'data\_set\_name'  
VS-'volume\_serial'**

## Explanation

An unrecoverable I/O error occurred during a read or write operation for an ALCS sequential file data set. *seq* is the symbolic name of the sequential file; *data\_set\_name* and *volume\_serial* are the name and volume serial of the data set. *data\_set\_name* is one of the following:

- The data set name of a physical sequential file data set, up to a maximum of 44 characters.
- The partitioned data set (PDS) name, up to a maximum of 34 characters, followed by the PDS member in the format *pdsname(pdsmem)*.
- The data set name of a general data set, up to a maximum of 34 characters, followed by the absolute generation number in the format *dsname.VnnnnGmm*.

This message includes the error description returned by the MVS SYNADAF macro, where:

### **dev**

Unit address, or 'JES' if the data set is SYSIN or SYSOUT

### **ty**

Device type, as follows:

### **UR**

Unit record

### **TA**

Magnetic tape

### **DA**

DASD

### **ddname**

DD name (allocated by MVS)

### **operation**

Failing I/O operation

### **error**

Description of error

### **address**

Depends on device type, as follows:

### **Unit record**

Not applicable (asterisks)

### Magnetic tape

Decimal relative block number

### DASD

Hexadecimal record address (BBCCHHR).

## System action

ALCS continues processing normally. If the sequential file is a system or real time sequential file then ALCS switches the sequential file to a new data set. If the error occurred when an ECB-controlled program issued a TOURC, TOUTC, or TWRTC monitor-request macro then ALCS terminates the entry. If the error occurred when an ECB-controlled program issued a TPRDC or TDTAC monitor-request macro then ALCS sets indicators in the ECB I/O error indicator fields EBCSDn and CE1SUG for the entry.

## Operator response

Check the EREP listing for more information about the I/O error and if necessary get the unit serviced.

## Module

DXCSEQP

---

<b>DXC2651I</b>	<b>Sequential file <i>seq</i> switch complete DSN-'<i>data_set_name</i>' VS-'<i>volume_serial</i>'</b>
-----------------	--

## Explanation

ALCS has switched real-time sequential file output from one data set to another. *seq* is the symbolic name of the sequential file; *data\_set\_name* and *volume\_serial* are the data set name and volume serial of the old (switch from) data set. This message is part of the normal response to the ZSSEQ command. ALCS also displays this message on the RO CRAS when an automatic sequential file switch completes. An automatic sequential file switch happens when ALCS writes more than a specified number of blocks to a sequential file data set. The number of blocks is specified in the ALCS sequential file generation.

## Module

DXCSEQP

---

<b>DXC2652E</b>	<b>Sequential file <i>seq</i> switch failed due to allocate error Return code-X'nnnnnn'</b>
-----------------	---

## Explanation

An error occurred when ALCS attempted to switch real-time sequential file output from one data set to

another. *seq* is the symbolic name of the sequential file. This message is an error response to the ZSSEQ command. ALCS also displays this message on the RO CRAS when an automatic sequential file switch fails. An automatic sequential file switch happens when ALCS writes more than a specified number of blocks to a sequential file data set. The number of blocks is specified in the ALCS sequential file generation. See message DXC056E for an explanation of *return\_code*.

## Module

DXCSEQP

---

<b>DXC2653I</b>	<b>LOGALL now active, all database updates are being logged</b>
-----------------	---

## Explanation

This message is part of the normal response to the ZSSEQ LOGALL command.

## Module

CTSW

---

<b>DXC2654I</b>	<b>LOGALL inactive, database logging is normal</b>
-----------------	--

## Explanation

This message is part of the normal response to the ZSSEQ NOLOGALL command.

## Module

CTSW

---

<b>DXC2750W</b>	<b>Attempted access to unavailable general file NR-'<i>gf_number</i>' - Program PN-'<i>name</i>'</b>
-----------------	--

## Explanation

An ECB-controlled program issued a request to read or write general file *gf\_number*. This general file is not available to ALCS, that is the data set is not allocated to the ALCS system.

## System action

ALCS treats this read or write request as if the file address was invalid.

## Operator response

If the application has not already terminated, cancel the application issuing the read or write request. Then use the ZDASD VARY ONLINE command to make

the general file available to ALCS and restart the application function.

## Module

DXCFAR

---

**DXC2751I**      **DASD data set allocated,  
Volume VS-'volume\_serial',  
DSN-'data\_set\_name'**

## Explanation

MVS has allocated data set *data\_set\_name* on volume *volume\_serial* to ALCS as requested by a ZDASD VARY ONLINE command.

## System action

If this data set is a general file data set, the general file is now available for application programs to use. If this data set is a database data set, ALCS initiates a copy of the records from the other (already online) copy of the data set. This data set is not available until the copy completes.

## Module

CDAM

---

**DXC2752I**      **DASD data set copy complete,  
Volume VS-'volume\_serial',  
DSN-'data\_set\_name'**

## Explanation

MVS has allocated database data set *data\_set\_name* on volume *volume\_serial* to ALCS as requested by a ZDASD VARY ONLINE command and the copy of the records from the other (already online) copy of the data set has completed.

## System action

This data set is now available.

## Module

CDAM

---

**DXC2753E**      **DASD data set copy  
failed - Data set offline,  
Volume VS-'volume\_serial',  
DSN-'data\_set\_name'**

## Explanation

MVS has allocated database data set *data\_set\_name* on volume *volume\_serial* to ALCS as requested by

a ZDASD VARY ONLINE command and started the copy of the records from the other (already online) copy of the data set. During this copy operation MVS has deallocated the data set from ALCS. The copy operation could not complete successfully.

## System action

The data set is not available.

## User response

Determine the reason why the data set was deallocated from ALCS. Retry the ZDASD VARY ONLINE command.

## Module

CDAM

---

**DXC2754E**      **DASD data set copy failed - I/O  
error, Volume VS-'volume\_serial',  
DSN-'data\_set\_name'**

## Explanation

MVS has allocated database data set *data\_set\_name* on volume *volume\_serial* to ALCS as requested by a ZDASD VARY ONLINE command and started the copy of the records from the other (already online) copy of the data set. An I/O error has occurred during this copy operation. The copy operation could not complete successfully.

## System action

The data set is not available.

## User response

Determine the cause of the I/O error, and if necessary get the unit serviced. Retry the ZDASD VARY ONLINE command.

## Module

CDAM

---

**DXC2755E**      **DASD data set deallocated  
- Too many I/O errors,  
Volume VS-'volume\_serial',  
DSN-'data\_set\_name'**

## Explanation

There have been ten consecutive I/O requests to data set *data\_set\_name* on volume *volume\_serial* which have resulted in I/O errors.

## System action

ALCS requests MVS to deallocate this data set. If this is a database data set and the other copy of the data set is available, or if this is a general file data set, ALCS continues processing normally. If this is a database data set and the other copy of the data set is not available, ALCS ends abnormally.

## User response

Determine the cause of the I/O errors, and if necessary get the unit serviced.

## Module

CDAM

---

<b>DXC2756I</b>	<b>DASD data set deallocated - ZDASD VARY request, Volume VS-'volume_serial', DSN-'data_set_name'</b>
-----------------	---

## Explanation

MVS has deallocated data set *data\_set\_name* on volume *volume\_serial* from ALCS as requested by a ZDASD VARY OFFLINE command.

## System action

This data set is now unavailable for ALCS application programs to use.

## Module

CDAM

---

<b>DXC2757E</b>	<b>DASD operation error, FA- file_address, ID-record_id, RRN-relative_record_number, RBA-relative_byte_address, CCHHR-cylinder/head/record, Volume VS-'volume_serial', DSN-'data_set_name'</b>
-----------------	--

## Explanation

A DASD I/O error has occurred, where:

### Operation

One of:

READ  
WRITE

### File\_address

4-byte ALCS file address of the record.

### Record\_id

2-byte record identifier of the record.

### Relative\_record\_number

Relative record number of the record within the data set.

### Relative\_byte\_address

Relative byte address of the record within the data set.

### Cylinder/head/record

CKD DASD hardware address of the record.

### Volume\_serial

Volume serial of the DASD volume that contains the data set.

### Data\_set\_name

Data set name of the data set that contains the record.

## System action

ALCS continues processing normally. If the operation is a read for a database record, and the other copy of the data set is available, then ALCS tries to read the other copy. In all other cases, an I/O error return condition is returned to the routine requesting the read or write.

## User response

Get the unit serviced.

## Module

CDAM

---

<b>DXC2759W</b>	<b>PT-'pool_type' pool recycled HH-'hhh' hours MM-'mm' minutes before recycle due</b>
-----------------	---

## Explanation

*pool\_type* short-term pool is exhausted and is being recycled before the time limit. The initial system ST pool recycle time limit is 24 hours; this may be altered using the ZPOOL command. As a result of recycling, data in short-term pool may be corrupted.

## System action

ALCS re-uses *pool\_type* short-term pool records.

## Operator response

Inform your system programmer as soon as possible, because this condition may cause data to be corrupted.

## User response

Check that sufficient short-term pool to cope with any application program requirements was allocated, taking into account the system transaction rate. Ensure that applications are correctly releasing short-term pool after usage, and that applications are not using ST pool to keep data longer than the system recycle time. Also ensure that ST pool is not being used in applications where the LT pool would be more appropriate.

## Module

CVEC

---

**DXC2761I**      **Backout complete**

## Explanation

This is a normal response to the ZDASD command. For a full explanation see *ALCS Operation and Maintenance*

---

**DXC2762I**      **Commit complete**

## Explanation

This is a normal response to the ZDASD command. For a full explanation see *ALCS Operation and Maintenance*

---

**DXC2763I**      **PT-'pool\_type' PDU is dispensing**

## Explanation

ALCS has activated the emergency pool recovery (PDU) facility for long-term pool file *pool\_type* because there are no records available for this pool type.

## System action

ALCS starts to dispense long-term pool file addresses for this pool type using the online PDU facility, instead of using the normal dispense mechanism. The online PDU facility dispenses long-term pool file records that have been released since the last Recoup run.

## Operator response

Run Recoup as soon as possible.

## User response

Determine if any application programs are using pool file records at an excessive rate. Consider allocating more pool file records of this type, or run Recoup more frequently.

## Module

DXCPDU

---

**DXC2764I**      **PT-'pool\_type' PDU is collecting**

## Explanation

ALCS has inactivated the online emergency pool recovery (PDU) facility for long-term pool file *pool\_type* because there are records available for this pool type again.

## System action

ALCS stops using the online PDU facility to dispense long-term pool file records of this type, and reverts to the normal dispense mechanism.

## Module

DXCPDU

---

**DXC2765I**      **PT-'pool\_type' PDU is enabled**

## Explanation

ALCS has connected to the MVS log stream defined for long-term pool file *pool\_type* in the ALCS system generation. ALCS uses the MVS log stream to save data about long-term pool file records that have been released since the last Recoup run. When this pool type is depleted, ALCS will activate the emergency pool recovery (PDU) facility to dispense records using data from the MVS log stream.

## System action

ALCS continues processing normally.

## Module

DXCPDU

---

**DXC2766W**      **PT-'pool\_type' PDU is disabled**

## Explanation

ALCS is no longer able to access the MVS log stream defined for long-term pool file *pool\_type* in the ALCS system generation, due to a previous error condition.

## System action

ALCS stops saving data about released records on the MVS log stream. When this pool type is deleted, ALCS will not activate the emergency pool recovery (PDU) facility. ALCS will try to access the MVS log stream again the next time Recoup completes.

## Operator response

Check the ALCS Read Only CRAS log for additional messages related to emergency pool recovery (PDU).

## Module

DXCPDU

---

**DXC2767W**      **PT-'pool\_type' System logger call failed MVS log stream LS-'name' call\_type Return code RC-X'return\_code' Reason code RSC-X'reason\_code'**

## Explanation

An error occurred when ALCS attempted to access the MVS log stream with name *name*, using one of the MVS system logger callable services. *call\_type* is the name of the MVS system logger callable service, one of:

IXGCONN  
IXGBRWSE  
IXGWRITE  
IXGDELET

*return\_code* is the return code from *call\_type*.  
*reason\_code* is the reason code from *call\_type*.

## System action

If the return code is 0 or 4 then ALCS ignores the error. Otherwise ALCS disconnects from the MVS log stream and disables the emergency pool recovery (PDU) facility for long-term pool file *pool\_type*.

## Problem determination

*MVS Programming: Assembler Services Reference* describes these return codes and reason codes.

## Module

DXCPDU

---

**DXC2768I**      **PT-'pool\_type' System logger connected OK MVS log stream LS-'name' IXGCONN Return code RC-X'return\_code' Reason code RSC-X'reason\_code'**

## Explanation

ALCS successfully connected to the MVS log stream with name *name*, for *pool\_type* long-term pool, using the MVS IXGCONN callable service. *return\_code* is the return code from IXGCONN. *reason\_code* is the reason code from IXGCONN.

## Module

DXCPDU

---

**DXC2769I**      **PT-'pool\_type' System logger disconnected OK MVS log stream LS-'name' IXGCONN Return code RC-X'return\_code' Reason code RSC-X'reason\_code'**

## Explanation

ALCS successfully disconnected from the MVS log stream with name *name*, for *pool\_type* long-term pool, using the MVS IXGCONN callable service. *return\_code* is the return code from IXGCONN. *reason\_code* is the reason code from IXGCONN.

## Module

DXCPDU

---

**DXC2770I**      **PDU is waiting for ENF event code 48**

## Explanation

ALCS is temporarily unable to access any MVS log streams because the associated Coupling Facility structure is being rebuilt.

## System action

ALCS waits for ENF event code 48 to occur when the Coupling Facility structure has been rebuilt. When that happens, the emergency pool recovery (PDU) facility continues to collect or redispense file addresses.

## Module

DXCPDU

---

**DXC2771E**      **PT-'pool\_type' MAXBUFSIZE must be at least 4096 bytes MVS log stream LS-'name'**

## Explanation

ALCS successfully connected to the the MVS log stream with name *name*, for *pool\_type* long-term pool, using the MVS IXGCONN callable service. However, the value returned in the MAXBUFSIZE parameter of IXGCONN is not large enough for the emergency pool recovery (PDU) facility.

## System action

ALCS disconnects from the MVS log stream and disables the emergency pool recovery (PDU) facility for this pool size.

## System programmer response

MAXBUFSIZE is the size, in bytes, of the largest log block that can be written to the Coupling Facility structure associated with this log stream. MAXBUFSIZE is defined in the LOGR policy for the Coupling Facility. Change the value of MAXBUFSIZE to 4096 bytes for the MVS log streams.

## Module

DXCPDU

---

**DXC2772W** PT- '*pool\_type*' Pool is depleted

## Explanation

*pool\_type* long-term pool is depleted.

## System action

If this ALCS supports emergency pool recovery (PDU), then the PDU facility may be redispensing long-term pool file addresses from the MVS log stream.

## Operator response

If Recoup is not already running, then consider starting Recoup as soon as possible.

## User response

Determine if any application programs are using pool file records at an excessive rate. Consider allocating more pool file records of this type, or run Recoup more frequently.

## Module

CVEM

---

**DXC2773W** PT- '*pool\_type*' Pool warning  
Available records NR- '*number*'  
below minimum threshold

## Explanation

The number of available records for long-term pool file *pool\_type* is less than the minimum threshold set by the ZPOOL command.

## System action

ALCS continues processing normally.

## Operator response

If this condition persists, consider reducing the minimum threshold value for this pool by the ZPOOL command. If the pool will be depleted very soon then consider running Recoup immediately.

## Module

CVEM

---

**DXC2774W** PT- '*pool\_type*' Pool warning  
Available records NR- '*number*'  
Dispense rate over last  
MM- '*mm*' minutes was  
NR- '*number\_of\_records*' per  
second At this rate pool will be  
exhausted in HH- '*hh*' hours

## Explanation

The average rate of dispense requests for long-term pool file *pool\_type* over the last *mm* minutes is *number\_of\_records* per second. If the current rate of dispense requests is maintained, then this pool file will be depleted within *hh* hours.

Either the rate of dispense requests has exceeded the short or long threshold rate for this pool file, or the time to exhaustion has dropped below the short or long threshold time for this pool file. The threshold values are set using command ZPOOL

## System action

ALCS continues processing normally.

## Operator response

If this condition persists, consider modifying the expected threshold values for this pool by the ZPOOL command. If the pool will be depleted very soon then consider running Recoup immediately.

## Module

CVEM

---

**DXC2775W** PT- '*pool\_type*' Long-term pool  
monitor thresholds are not set

## Explanation

At least one of the long-term pool usage threshold values is currently set to zero.

### System action

ALCS continues to accumulate long-term pool activity data, but does not check the usage rate or time to depletion.

### Operator response

Use the ZP00L command to set appropriate threshold values for your installation.

### Module

CVEM

---

<b>DXC2776W</b>	<b>Long-term pool monitor interval is not set</b>
-----------------	---

### Explanation

The long-term pool monitor interval is currently set to zero.

### System action

ALCS continues to accumulate long-term pool activity data, but does not check the usage rate or time to depletion.

### Operator response

Use the ZP00L command to set the appropriate monitor interval for your installation.

### Module

CVEM

---

<b>DXC2808I</b>	<b>PCTL Module MODN-module unload started by CRN-crn audit trail</b>
-----------------	--

### Explanation

This message is a normal response to the command ZPCTL.

### System action

Processing continues

### Module

CPCT

---

<b>DXC2809I</b>	<b>PCTL Module MODN-module unload force started by CRN-crn audit trail</b>
-----------------	--

### Explanation

This message is a normal response to the command ZPCTL.

### System action

Processing continues

### Module

CPCT

---

<b>DXC2810I</b>	<b>PCTL Module MODN-module loaded by CRN-crn audit trail</b>
-----------------	--

### Explanation

This message is a normal response to the command ZPCTL.

### System action

Processing continues

### Module

CPCT

---

<b>DXC2811I</b>	<b>PCTL Module MODN-module promoted by CRN-crn audit trail</b>
-----------------	--

### Explanation

This message is a normal response to the command ZPCTL.

### System action

Processing continues

### Module

CPCT

---

<b>DXC2812I</b>	<b>PCTL Module MODN-module confirmed by CRN-crn audit trail</b>
-----------------	---

### Explanation

This message is a normal response to the command ZPCTL.

### System action

Processing continues

### Module

CPCT

---

**DXC2813I**      **PCTL List Module MODN-module loaded by CRN-crn audit trail**

**Explanation**

This message is a normal response to the command ZPCTL.

**System action**

Processing continues

**Module**

CPCT

---

**DXC2814I**      **PCTL List Module MODN-module confirmed by CRN-crn audit trail**

**Explanation**

This message is a normal response to the command ZPCTL.

**System action**

Processing continues

**Module**

CPCT

---

**DXC2815I**      **PCTL List Module MODN-module committed by CRN-crn audit trail**

**Explanation**

This message is a normal response to the command ZPCTL.

**System action**

Processing continues

**Module**

CPCT

---

**DXC2816I**      **PCTL List Module MODN-module backed out by CRN-crn audit trail**

**Explanation**

This message is a normal response to the command ZPCTL.

**System action**

Processing continues

**Module**

CPCT

---

**DXC2818I**      **All load modules of load set LSET='load\_set' successfully loaded Load set information: load\_set text Load modules: load\_module\_1 ...**

**Explanation**

This message is a normal response to the ZPCTL load set command. The modules listed in *module\_1: ...* of the load set are loaded.

The load\_set text is audit information created by the load set generation.

**System action**

ALCS completed loading all the load modules of this load set.

**Module**

CPCO

---

**DXC2819E**      **Duplicate load modules of load set LSET='load\_set' Load set information: load\_set text Load modules: load\_module\_1 ...**

**Explanation**

This message is an error response to the ZPCTL load set command. *Load\_module\_1 ...* of load\_set were previously loaded.

The load\_set text is audit information created by the load set generation.

**System action**

ALCS did not load any load modules of this load set.

**Module**

CPCO

---

**DXC2820E**      **Unloadable load modules of load set LSET='load\_set' Load set information: load\_set text Load modules: load\_module\_1 nnnnnn invalid format load\_module\_2 aaaaaa bbbb error during load ...**

## Explanation

This message is an error response to the ZPCTL load set command. Modules of load set could not be loaded. Either

- The load modules contain data at offset *nnnnnn* that is not a valid ALCS application program or
- The modules failed to load.

See *MVS System Messages and Codes*. manual for an explanation of the return (*aaaaaa*) and reason (*bbbb*) codes.

Check that the module is in the application program load module library that is defined in the JCL to run ALCS.

The load\_set text is audit information created by the load set generation.

## System action

ALCS did not load any load modules of this load set.

## Module

CPCO

---

**DXC2875W**      **CTKB replaced - reason**

## Explanation

ALCS was unable to read system keypoint record B (CTKB) during restart processing. *Reason* is one of:

### **ERROR READING CTKB FILE COPY**

An I/O error occurred reading CTKB.

### **ID CHECK ON CTKB FILE COPY**

The first 2 characters of the record read are not 'CK.' This is normal (not an error) when ALCS first accesses an uninitialized database.

### **WRONG VERSION IN CTKB FILE COPY**

The CTKB record on the database is not at the same functional level as the ALCS monitor program. This indicates that a change to the ALCS monitor code, for example a new release of ALCS, requires a different format of CTKB.

## System action

ALCS initializes CTKB from the copy in the system configuration table and writes this copy to the database.

## Module

DXCKPT

---

**DXC2900I**      **ALCS connected to DB2 subsystem SBS-'ssnm'**

## Explanation

ALCS has established a connection to DB2 subsystem *ssnm*.

## Module

DXCSQL

---

**DXC2901I**      **ALCS disconnected from DB2 subsystem SBS-'ssnm'**

## Explanation

ALCS has terminated its connection to DB2 subsystem *ssnm*.

## Module

DXCSQL

---

**DXC2902I**      **MVS operator has started DB2 subsystem**

## Explanation

A DB2 subsystem - to which ALCS previously could not establish a connection because it was not yet started - has now been started.

## Operator response

Use the ZCSQL command to establish a connection to the DB2 subsystem.

## Module

DXCSQL

---

**DXC2903I**      **MVS operator has stopped DB2 subsystem**

## Explanation

ALCS was previously connected to a DB2 subsystem which has just been stopped.

## System action

ALCS terminates any entry that is waiting for a response from DB2.

## Operator response

Restart the DB2 subsystem, then use the ZCSQL command to establish a connection to it.

## Module

DXCSQL

---

**DXC2904E**      **DB2 subsystem has terminated abnormally**

## Explanation

ALCS was previously connected to a DB2 subsystem which has just terminated abnormally.

## System action

ALCS terminates any entry that is waiting for a response from DB2.

## Operator response

Restart the DB2 subsystem, then use the ZCSQL command to establish a connection to it.

## Module

DXCSQL

---

**DXC2905E**      **DB2 connection failure - Subsystem SBS-'ssnm' Return code RC-X'return\_code' Reason code RSC-X'reason\_code'**

## Explanation

ALCS cannot establish a connection to DB2 subsystem *ssnm*. *Return\_code* and *reason\_code* are the return and reason codes from the DB2 call attachment facility (CAF) CONNECT function.

## Problem determination

*DB2 Messages and Codes* lists return codes and reason codes.

## Module

DXCSQL

---

**DXC2906E**      **DB2 disconnection failure - Subsystem SBS-'ssnm' Return code RC-X'return\_code' Reason code RSC-X'reason\_code'**

## Explanation

ALCS cannot terminate a connection to DB2 subsystem *ssnm*. *Return-code* and *reason-code* are the return and reason codes from the DB2 call attachment facility (CAF) DISCONNECT function.

## Problem determination

*DB2 Messages and Codes* lists return codes and reason codes.

## Module

DXCSQL

---

**DXC2907E**      **DB2 open failure - Application plan PLN-'plan' Return code RC-X'return-code' Reason code RSC-X'reason-code'**

## Explanation

DB2 cannot allocate resources to process the specified plan *plan*. *Return-code* and *reason-code* are the return and reason codes from the DB2 call attachment facility (CAF) OPEN function.

## Problem determination

*DB2 Messages and Codes* lists return codes and reason codes.

## Module

DXCSQL

---

**DXC2908E**      **DB2 close failure - Application plan PLN-'plan' Return code RC-X'return-code' Reason code RSC-X'reason-code'**

## Explanation

DB2 cannot deallocate the specified plan *plan*. *Return-code* and *reason-code* are the return and reason codes from the DB2 call attachment facility (CAF) CLOSE function.

## Problem determination

*DB2 Messages and Codes* lists return codes and reason codes.

## Module

DXCSQL

---

**DXC2909E**      **DB2 SQL call failure - Return code RC-X'return\_code' Reason code RSC-X'reason\_code'**

## Explanation

DB2 cannot process an application SQL call successfully. *Return\_code* and *reason\_code* are the

return and reason codes from the DB2 call attachment facility (CAF).

## Problem determination

*DB2 Messages and Codes* lists return codes and reason codes.

## Module

DXCSQL

---

<b>DXC2910I</b>	<b>Waiting for DB2 subsystem <i>ssnm</i> to start</b>
-----------------	---

## Explanation

DB2 was not started when ALCS tried to connect to it. ALCS will automatically try to connect again when DB2 starts.

## Module

DXCMQI

---

<b>DXC2911I</b>	<b>ALCS has stopped waiting for DB2 to start</b>
-----------------	--

## Explanation

ALCS was waiting for DB2 to start in order to connect to it. Now ALCS has stopped waiting because the operator issued ZCSQL DISConnect.

## Module

DXCMQI

---

<b>DXC2920I</b>	<b>ALCS connected to MQ Queue manager <i>QM-'queue_manager_name'</i></b>
-----------------	--

## Explanation

ALCS has established a connection to MQSeries queue manager *queue\_manager\_name*.

## Module

DXCMQI

---

<b>DXC2921I</b>	<b>ALCS disconnected from MQSeries Queue manager <i>QM-'queue_manager_name'</i></b>
-----------------	---

## Explanation

ALCS has terminated its connection to MQSeries queue manager *queue\_manager\_name*.

## Module

DXCMQI

---

<b>DXC2922E</b>	<b>MQSeries connection failure - Queue manager <i>QM-'queue_manager_name'</i> MQCONN Completion code <i>RC-'completion_code'</i> Reason code <i>RSC-'reason_code'</i></b>
-----------------	---

## Explanation

ALCS cannot establish a connection to MQSeries queue manager *queue\_manager\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQCONN call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2923E</b>	<b>MQSeries connection failure - Queue manager <i>QM-'queue_manager_name'</i> MQOPEN Completion code <i>RC-'completion_code'</i> Reason code <i>RSC-'reason_code'</i></b>
-----------------	---

## Explanation

ALCS cannot establish a connection to MQSeries queue manager *queue\_manager\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQOPEN call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2924E</b>	<b>MQSeries connection failure - Queue manager <i>QM-'queue_manager_name'</i> MQINQ Completion code <i>RC-'completion_code'</i> Reason code <i>RSC-'reason_code'</i></b>
-----------------	--

## Explanation

ALCS cannot establish a connection to MQSeries queue manager *queue\_manager\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQINQ call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2925E</b>	<b>MQSeries connection failure - Queue manager QM-'queue_manager_name' MQCLOSE Completion code RC-'completion_code' Reason code RSC-'reason_code'</b>
-----------------	---

## Explanation

ALCS cannot establish a connection to MQSeries queue manager *queue\_manager\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQCLOSE call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2926E</b>	<b>Value of MQIA_MAX_HANDLES is zero Queue manager QM-'queue_manager_name'</b>
-----------------	--

## Explanation

ALCS cannot establish a connection to MQSeries queue manager *queue\_manager\_name*. A previous MQSeries MQINQ call returned a value of zero for MQIA\_MAX\_HANDLES (maximum number of handles) for the queue manager.

## User response

This error should not occur. If it does, ask your system programmer to inform your IBM programming representative.

## Module

DXCMQI

---

<b>DXC2927E</b>	<b>Not enough storage for object handle table Queue manager QM-'queue_manager_name'</b>
-----------------	---

## Explanation

There is not enough memory allocated to ALCS to build the MQSeries object handle table.

## System action

ALCS terminates its connection to MQSeries queue manager *queue\_manager\_name*.

## User response

Restart ALCS with a larger region size for the job.

## Module

DXCMQI

---

<b>DXC2928E</b>	<b>MQSeries initiation queue failure - Initiation queue name QN-'queue_name' Queue manager QM-'queue_manager_name' MQOPEN Completion code RC-'completion_code' Reason code RSC-'reason_code'</b>
-----------------	--

## Explanation

ALCS cannot use the MQSeries initiation queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQOPEN call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2929E</b>	<b>MQSeries initiation queue failure - Initiation queue name QN-'queue_name' Queue manager QM-'queue_manager_name' MQGET Completion code RC-'completion_code' Reason code RSC-'reason_code'</b>
-----------------	---

## Explanation

ALCS cannot use the MQSeries initiation queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQGET call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2930E</b>	<b>MQSeries input queue failure</b> <b>- Input queue name</b> <b>QN-'queue_name'</b> Queue manager <b>QM-'queue_manager_name'</b> <b>MQOPEN</b> Completion code <b>RC-'completion_code'</b> Reason code <b>RSC-'reason_code'</b>
-----------------	--

## Explanation

ALCS cannot use the MQSeries input queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQOPEN call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2931E</b>	<b>MQSeries input queue failure</b> <b>- Input queue name</b> <b>QN-'queue_name'</b> Queue manager <b>QM-'queue_manager_name'</b> <b>MQGET</b> Completion code <b>RC-'completion_code'</b> Reason code <b>RSC-'reason_code'</b>
-----------------	---

## Explanation

ALCS cannot use the MQSeries input queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQGET call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2932E</b>	<b>MQSeries disconnection failure - Queue manager</b> <b>QM-'queue_manager_name'</b> <b>MQDISC</b> Completion code <b>RC-'completion_code'</b> Reason code <b>RSC-'reason_code'</b>
-----------------	---

## Explanation

ALCS cannot terminated its connection to MQSeries queue manager *queue\_manager\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQDISC call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2933E</b>	<b>MQSeries initiation queue failure</b> <b>- Initiation queue name QN-</b> <b>queue_name</b> Queue manager <b>QM-</b> <b>queue_manager_name</b> <b>MQCLOSE</b> Completion code <b>RC-return_code</b> Reason code <b>RSC-reason_code</b>
-----------------	---

## Explanation

ALCS cannot use the MQSeries initiation queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQCLOSE call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

<b>DXC2934E</b>	<b>MQSeries input queue failure</b> <b>- Input queue name QN-</b> <b>queue_name</b> Queue manager <b>QM-</b> <b>queue_manager_name</b> <b>MQCLOSE</b> Completion code <b>RC-return_code</b> Reason code <b>RSC-reason_code</b>
-----------------	---

## Explanation

ALCS cannot use the MQSeries input queue *queue\_name*. *completion\_code* and *reason\_code* are the completion code and reason code from the MQSeries MQCLOSE call.

## Problem determination

*WebSphere MQ for z/OS Messages and Codes* lists completion codes and reason codes.

## Module

DXCMQI

---

**DXC2935I** MQSeries initiation queue open  
QN-queue\_name

## Explanation

ALCS has opened the MQSeries initiation queue.

## Module

DXCMQI

---

**DXC2936I** MQSeries initiation queue closed  
QN-queue\_name

## Explanation

ALCS has closed the MQSeries initiation queue.

## Module

DXCMQI

---

**DXC2937I** MQSeries input queue open QN-  
queue\_name

## Explanation

ALCS has opened the MQSeries input queue.

## Module

DXCMQI

---

**DXC2938I** MQSeries input queue closed QN-  
queue\_name

## Explanation

ALCS has closed the MQSeries input queue.

## Module

DXCMQI

---

**DXC2940E** APPC/MVS receive allocate failed  
- CRN-'crn' ALCS return code  
RC1-return\_code APPC/MVS return  
code RC2-return\_code

## Explanation

ALCS attempted to allocate a conversation for the APPC resource with CRN *crn*, but either ALCS or APPC/MVS gave an error return code.

## System action

ALCS does not set the APPC resource active.

## Problem determination

If the ALCS return code is non-zero then contact your IBM programming support representative. Refer to *MVS Programming: Writing Transaction Programs for APPC/MVS* for return codes from the APPC/MVS ATBALC2 callable service.

## Module

DXCCOLH

---

**DXC2941E** APPC/MVS send allocate failed  
- CRN-'crn' ALCS return code  
RC1-return\_code APPC/MVS return  
code RC2-return\_code

## Explanation

ALCS attempted to allocate a conversation for the APPC resource with CRN *crn*, but either ALCS or APPC/MVS gave an error return code.

## System action

ALCS does not set the APPC resource active.

## Problem determination

If the ALCS return code is non-zero then contact your IBM programming support representative. Refer to *MVS Programming: Writing Transaction Programs for APPC/MVS* for return codes from the APPC/MVS ATBALC2 callable service.

## Module

DXCCOLH

---

**DXC2942E** APPC/MVS receive failed -  
CRN-'crn' ALCS return code RC1-  
return\_code APPC/MVS return  
code RC2-return\_code

## Explanation

ALCS attempted to receive data on a conversation for the APPC resource with CRN *crn*, but either ALCS or APPC/MVS gave an error return code.

## System action

ALCS stops receiving data from the APPC connection.

## Problem determination

If the ALCS return code is non-zero then contact your IBM programming support representative. Refer to *MVS Programming: Writing Transaction Programs for APPC/MVS* for return codes from the APPC/MVS ATBRVCVW callable service.

## Module

DXCCOLH

---

<b>DXC2943E</b>	<b>APPC/MVS send failed - CRN-'<i>crn</i>' ALCS return code RC1-<i>return_code</i> APPC/MVS return code RC2-<i>return_code</i></b>
-----------------	--

## Explanation

ALCS attempted to send data on a conversation for the APPC resource with CRN *crn*, but either ALCS or APPC/MVS gave an error return code.

## System action

ALCS discards the message data.

## Problem determination

If the ALCS return code is non-zero then contact your IBM programming support representative. Refer to *MVS Programming: Writing Transaction Programs for APPC/MVS* for return codes from the APPC/MVS ATBSEND callable service.

## Module

DXCCOLH

---

<b>DXC2944E</b>	<b>APPC/MVS receive deallocate failed - CRN-'<i>crn</i>' ALCS return code RC1-<i>return_code</i> APPC/MVS return code RC2-<i>return_code</i></b>
-----------------	--

## Explanation

ALCS attempted to deallocate a conversation for the APPC resource with CRN *crn*, but either ALCS or APPC/MVS gave an error return code.

## System action

ALCS continues processing as if the conversation was deallocated.

## Problem determination

If the ALCS return code is non-zero then contact your IBM programming support representative. Refer to *MVS Programming: Writing Transaction Programs for APPC/MVS* for return codes from the APPC/MVS ATBDEAL callable service.

## Module

DXCCOLH

---

<b>DXC2945E</b>	<b>APPC/MVS send deallocate failed - CRN-'<i>crn</i>' ALCS return code RC1-<i>return_code</i> APPC/MVS return code RC2-<i>return_code</i></b>
-----------------	---

## Explanation

ALCS attempted to deallocate a conversation for the APPC resource with CRN *crn*, but either ALCS or APPC/MVS gave an error return code.

## System action

ALCS continues processing as if the conversation was deallocated.

## Problem determination

If the ALCS return code is non-zero then contact your IBM programming support representative. Refer to *MVS Programming: Writing Transaction Programs for APPC/MVS* for return codes from the APPC/MVS ATBDEAL callable service.

## Module

DXCCOLH

---

<b>DXC2948I</b>	<b>APPC/MVS receive conversation started - CRN-'<i>crn</i>'</b>
-----------------	---

## Explanation

ALCS has allocated a conversation for the APPC resource with CRN *crn*.

## System action

ALCS continues processing normally.

## Module

DXCCOLH

---

**DXC2949I**      **APPC/MVS send conversation started - CRN-'crn'**

## Explanation

ALCS has allocated a conversation for the APPC resource with CRN *crn*.

## System action

ALCS continues processing normally.

## Module

DXCCOLH

---

**DXC2950I**      **APPC/MVS receive conversation stopped - CRN-'crn'**

## Explanation

ALCS has deallocated a conversation for the APPC resource with CRN *crn*.

## System action

ALCS continues processing normally.

## Module

DXCCOLH

---

**DXC2951I**      **APPC/MVS send conversation stopped CRN-'crn'**

## Explanation

ALCS has deallocated a conversation for the APPC resource with CRN *crn*.

## System action

ALCS continues processing normally.

## Module

DXCCOLH

---

**DXC2952I**      **APPC/MVS inbound receive conversation started CRN-'crn'**

## Explanation

ALCS has allocated a conversation for the APPC resource with CRN *crn*.

## System action

ALCS continues processing normally.

## Module

DXCCOLH

---

**DXC2953I**      **APPC/MVS inbound send conversation started CRN-'crn'**

## Explanation

ALCS has allocated a conversation for the APPC resource with CRN *crn*.

## System action

ALCS continues processing normally.

## Module

DXCCOLH

---

**DXC2954I**      **APPC/MVS inbound allocate ignored CRN-'crn'**

## Explanation

ALCS has received an inbound allocate request for the APPC resource with CRN *crn*, but the resource:

- is not an APPC resource, or
- is already active, or
- already has an inbound conversation.

## System action

ALCS ignores the inbound allocate request and continues processing normally.

## Module

DXCCOLH

---

**DXC2955I**      **APPC/MVS inbound allocate does not match partner LU name CRN-'crn'**

## Explanation

ALCS has received an inbound allocate request for the APPC resource with CRN *crn*, but the information provided by APPC/MVS does not match the information in the ALCS communication generation for this resource.

### System action

ALCS ignores the inbound allocate request and continues processing normally.

### System programmer response

Check that the ALCS communication generation is correct for this APPC resource. Check that the APPC/MVS TP profile and side information files contain the correct data.

### Module

DXCCOLH

---

**DXC2956W**      **APPC/MVS inbound allocate failed - CRN-'crn' undefined or inactive**

### Explanation

ALCS received an inbound APPC/MVS allocate request. The corresponding APPC/MVS TP profile information specifies a CRN that is not defined to ALCS or is not active.

### System action

ALCS ignores the inbound allocate.

### System programmer response

Correct your APPC/MVS TP profiles and/or the ALCS communication generation.

### Problem determination

Check your APPC/MVS TP profiles and the ALCS communication generation.

### Module

DXCCOLF

---

**DXC2957W**      **APPC/MVS inbound allocate failed - No match for partner LU name LUN-'name'**

### Explanation

ALCS received an inbound APPC/MVS allocate request. The corresponding APPC/MVS TP profile information specifies CRN=\* but there is no APPC connection defined in the ALCS communication table with a matching partner LU name.

### System action

ALCS ignores the inbound allocate.

### System programmer response

Correct your APPC/MVS TP profiles and/or the ALCS communication generation.

### Problem determination

Check your APPC/MVS TP profiles and the ALCS communication generation.

### Module

DXCCOLF

---

**DXC2958I**      **APPC/MVS issuing send allocate - CRN-'crn'**

### Explanation

ALCS is allocating an outbound conversation for the APPC resource with CRN *crn*.

### System action

ALCS continues processing normally.

### Module

DXCCOLH

---

**DXC2959I**      **APPC/MVS issuing receive allocate - CRN-'crn'**

### Explanation

ALCS is allocating an outbound conversation for the APPC resource with CRN *crn*.

### System action

ALCS continues processing normally.

### Module

DXCCOLH

---

**DXC2960I**      **ALCS concurrent server (Listener) *n* started Port PO- '*tcpip\_port\_number*'**

### Explanation

Self-explanatory. *n* is the index number of the concurrent server (1 to 8).

### Module

DXCSOCK

---

**DXC2961I** ALCS concurrent server  
(Listener) *n* stopped Port  
PO- '*tcpip\_port\_number*'

### Explanation

Self-explanatory. *n* is the index number of the concurrent server (1 to 8).

### Module

DXCSOCK

---

**DXC2962E** TCP/IP connection failure  
- INITAPI for sockets  
subtask Address space  
AS- '*tcpip\_address\_space\_name*'  
Error code EC- '*error\_code*'

### Problem determination

See *Communications Server IP API Guide* for an explanation of the return code and error number.

### Module

DXCSOCK

---

**DXC2963E** TCP/IP connection failure  
- INITAPI for Concurrent  
Server subtask Address space  
AS- '*tcpip\_address\_space\_name*'  
Port PO- '*tcpip\_port\_name*'  
Return code RC- '*return\_code*'  
Error number EC- '*error\_number*'

### Problem determination

See *z/OS Communications Server IP API Guide* for an explanation of the return code and error number.

### Module

DXCSOCK

---

**DXC2964E** TCP/IP connection failure -  
INITAPI for Child Server  
subtask Address space  
AS- '*tcpip\_address\_space\_name*'  
Return code RC- '*return\_code*'  
Error number EC- '*error\_number*'

### Problem determination

See *z/OS Communications Server IP API Guide* for an explanation of the return code and error number.

### Module

DXCSOCK

---

**DXC2965I** ALCS disconnected from TCPIP  
address space AS-'*name*'

### Explanation

ALCS is now disconnected from TCP/IP.

### Module

DXCSOCK

---

**DXC2966E** TCP/IP connection failure No ECB  
available for Child Server subtask

### Explanation

A new client attempted to connect to the ALCS concurrent server (Listener) but ALCS does not have enough resources to create a new entry for this client.

### System action

ALCS waits for another connection request.

### Module

DXCSOCK

---

**DXC2967I** ALCS connected to TCPIP address  
space AS-'*name*'

### Explanation

ALCS is now connected to the TCP/IP address space called *name*.

### Module

DXCSOCK

---

**DXC2968I** TCPIP resource active - CRN-'*crn*'

### Explanation

ALCS has established a TCP/IP connection for the resource with CRN *crn*.

### System action

ALCS continues processing normally.

### Module

DXCSOCK

---

**DXC2969I TCPIP resource inactive - CRN-'crn'****Explanation**

ALCS has terminated the TCP/IP connection for the resource with CRN *crn*.

**System action**

ALCS continues processing normally.

**Module**

DXCSOCO

---

**DXC2970E TCPIP resource CRN-'crn' 'call\_type' call failed for communication subtask Return code RC-'return\_code' Error number EC-'error\_number'****Explanation**

An error occurred when ALCS issued a TCP/IP 'call\_type' sockets call.

**System action**

ALCS stops the TCP/IP connection for the resource with CRN *crn*.

**Problem determination**

See *Communications Server IP API Guide* for an explanation of the return code and error number.

**Module**

DXCSOCO

---

**DXC2972E TCPIP resource CRN-'crn' No IOCB available to add dynamic server****Explanation**

A new client attempted to connect to the TCP/IP server connection with CRN *crn* but ALCS does not have enough resources to dynamically create a new communication table entry for this client.

**System action**

ALCS waits for another connection request.

**System programmer response**

Increase the total number of I/O control blocks (IOCBs) in the ALCS system. (See the description

of the SCTGEN macro NBRIOB parameter in *ALCS Installation and Customization*.)

**Module**

DXCSOCO

---

**DXC2973E TCPIP resource CRN-'crn' Unable to start - TCP/IP not supported****Explanation**

In order to use TCP/IP connections, you must enable the ALCS support for TCP/IP (see the description of the SCTGEN macro in *ALCS Installation and Customization*).

**Module**

DXCSOCO

---

**DXC2974E TCPIP resource CRN-'crn' Unable to start - TCP/IP not connected****Explanation**

In order to use TCP/IP connections, you must establish a connection between ALCS and a TCP/IP address space in the same MVS system (see the description of the ZCTCP command in *ALCS Operation and Maintenance*).

**Module**

DXCSOCO

---

**DXC2975I TCPIP dynamic server resource active - CRN-'crn'****Explanation**

ALCS has established a connection with a new client on the TCP/IP server connection with CRN *crn*.

**System action**

ALCS continues processing normally.

**Module**

DXCSOCO

---

**DXC2976I TCPIP dynamic server resource inactive - CRN-'crn'****Explanation**

ALCS has terminated a connection with one of the clients on the TCP/IP server connection with CRN *crn*.

## System action

ALCS continues processing normally.

---

<b>DXC2977W</b>	<b>TCPIP resource CRN-'<i>crn</i>' Unknown terminal CRN-'<i>crn</i>'</b>
-----------------	--

---

## Explanation

During TCP/IP input message processing, installation-wide monitor exit USRTCP4 returned an invalid CRN.

## System action

ALCS discards the input message.

## User response

Correct the installation-wide monitor exit.

## Module

DXCS0C0

---

<b>DXC2978W</b>	<b>TCPIP resource CRN-'<i>crn</i>' Unknown terminal CRI-'<i>cri</i>'</b>
-----------------	--

---

## Explanation

During TCP/IP input message processing, installation-wide monitor exit USRTCP4 returned an invalid CRI.

## System action

ALCS discards the input message.

## User response

Correct the installation-wide monitor exit.

## Module

DXCS0C0

---

<b>DXC2979W</b>	<b>TCPIP resource CRN-'<i>crn</i>' Origin CRN-'<i>crn</i>' is not a terminal</b>
-----------------	--

---

## Explanation

During TCP/IP input message processing, installation-wide monitor exit USRTCP4 returned a CRN or CRI that does not correspond to a display or printer terminal.

## System action

ALCS discards the input message.

## User response

Correct the installation-wide monitor exit.

## Module

DXCS0C0

---

<b>DXC2983W</b>	<b>TCPIP resource CRN- '<i>crn</i>' Unknown HEX- '<i>hex</i>' TCID- '<i>tcid</i>' IA- '<i>ia</i>' TA- '<i>ta</i>'</b>
-----------------	---

---

## Explanation

A message was received on TCP/IP communication resource *crn* from a remote ALC terminal, but the terminal is not defined to ALCS. A MATIP-ID for the remote terminal is constructed from the high-level network exit address (*hex*), TCID (*tcid*), IA (*ia*), and TA (*ta*). ALCS uses the MATIP-ID to scan the ALCS MATIP-ID communication table to retrieve the terminal CRI.

## System action

ALCS discards the message.

## Operator response

Ask your system programmer to check the communication generation.

## Module

DXCS0CA

---

<b>DXC2984I</b>	<b>TCPIP resource CRN- '<i>crn</i>' MATIP session opened - Type <i>t</i> IP address of remote host <i>iii.iii.iii.iii</i></b>
-----------------	---

---

## Explanation

A MATIP session has opened on TCP/IP communication resource *crn*. The MATIP session type *t* is one of:

**A**  
Type A terminal-to-host

**A H-TO-H**  
Type A host-to-host

**B**  
Type B

The IP address of remote host or gateway is *iii.iii.iii.iii* (dotted decimal notation).

## System action

ALCS continues processing normally.

## Module

DXCS0CA

---

**DXC2985I**      **TCPIP resource CRN- 'crn' MATIP session closed - Close code X 'hh' IP address of remote host iii.iii.iii.iii**

### Explanation

A MATIP session has closed on TCP/IP communication resource *crn*. The MATIP close code *hh* is currently:

**00**  
OK

### System action

ALCS continues processing normally.

### Module

DXCSOCA

---

**DXC2986I**      **TCPIP resource CRN- 'crn' MATIP session reconfiguration**

### Explanation

A MATIP session is being reconfigured on TCP/IP communication resource *crn*.

### System action

ALCS continues processing normally.

### Module

DXCSOCA

---

**DXC2987E**      **TCPIP resource CRN- 'crn' MATIP session rejected - Reject code X 'hh' IP address of remote host iii.iii.iii.iii Packet length llll dd...dd**

### Explanation

A MATIP Session Open command was rejected on TCP/IP communication resource *crn*. Either ALCS received a Session Open packet and sent the reject code in an Open Confirm packet, or ALCS received an Open Confirm packet containing the reject code. The MATIP reject code *hh* is one of:

- 01** No matching traffic type
- 05** Protocol unavailable at destination
- 41** No matching traffic type
- 43** Inconsistent end-to-end protection

- 44** Unknown client
  - 48** Packet length is too short
  - 49** Packet length is too long
  - 4A** Unknown or unsupported coding
  - 84** ASCU identification is not valid
  - 85** ASCU is unknown
  - 86** ASCU is already assigned
  - 88** Unknown or unsupported coding
  - 89** Unknown or unsupported subtype
  - 8B** Incompatible MPX/HDR combination
  - 8C** Unknown or unsupported presentation
  - 8D** Packet length is too short
  - 8E** Packet length is too long
  - 91** No matching ASCU
  - 92** No ASCU configured
  - 94** Session mismatch
- The IP address of remote host or gateway is *iii.iii.iii.iii* (dotted decimal notation).
- llll**  
The length of the packet.
- dd...dd**  
The first 32 bytes of the packet in hexadecimal.

### System action

ALCS continues processing normally.

### Module

DXCSOCA

---

**DXC2988E**      **TCPIP resource CRN- 'crn' MATIP packet has incorrect characteristic Packet length llll dd...dd**

## Explanation

A MATIP packet has been received on TCP/IP communication resource *crn* but the packet header is invalid.

**llll**

The length of the packet.

**dd...dd**

The first 32 bytes of the packet in hexadecimal.

### characteristic

Indicates the error, one of:

- Length
- Version
- Command
- Traffic Type
- Traffic Subtype
- Coding
- MPX or HDR
- Presentation
- Number of ASCUs

## System action

ALCS discards the packet.

## Module

DXCSOCA

---

<b>DXC2989E</b>	<b>TCPIP resource CRN- ' crn '</b> <b>Unexpected MATIP mmmm Packet</b> <b>length llll dd...dd</b>
-----------------	---

## Explanation

A MATIP packet has been received on TCP/IP communication resource *crn* but the packet is out of sequence.

**llll**

The length of the packet.

**dd...dd**

The first 32 bytes of the packet in hexadecimal.

**mmmm**

The type of packet, one of:

- Data
- Session Open
- Open Confirm
- Session Close
- Status Query
- Status Response
- Stop Transmission
- Resume Transmission

## System action

ALCS rejects the MATIP command.

## Module

DXCSOCA

---

<b>DXC2990E</b>	<b>TCPIP resource CRN-' crn ' inactive</b> <b>- nnn messages were queued</b>
-----------------	---

## Explanation

*nnn* ECB-controlled programs issued a ROUTC or SENDC monitor-request macro to send messages to a TCP/IP resource. The messages were queued waiting for transmission, but the TCP/IP connection was inactivated before these messages could be transmitted.

## System action

For each message that was waiting to be transmitted, ALCS detaches the message block from the ECB and returns control to the entry.

## User response

Check that the resource is correctly defined in the communication generation. Also check that all required communication resources are correctly started.

## Module

DXCSOCO

---

<b>DXC2991E</b>	<b>TCPIP resource CRN-' crn ' No</b> <b>matching MATIP client</b>
-----------------	--

## Explanation

ALCS received an inbound connection request for the TCP/IP communication resource with CRN *crn* which is defined as a MATIP Type A or Type B server. ALCS cannot find any TCP/IP communication resource defined as a MATIP Type A or Type B client which matches the remote host trying to connect to ALCS.

## System action

ALCS closes the inbound TCP/IP connection.

## Module

DXCSOCO

---

**DXC2992E**      **TCPIP resource CRN-'crn'  
Matching MATIP client  
CRN2-'crn2' already active**

### Explanation

ALCS received an inbound connection request for the TCP/IP communication resource with CRN *crn* which is defined as a MATIP Type A or Type B server. ALCS found a TCP/IP communication resource defined as a MATIP Type A or Type B client which matches the remote host trying to connect to ALCS, but this resource is already in use. *crn2* is the CRN of the matching client.

### System action

ALCS closes the inbound TCP/IP connection.

### Module

DXCSOCO

---

**DXC2993W**      **TCPIP resource CRN-'crn'  
Disconnected - Blocked send  
timeout expired**

### Explanation

The IP stack was blocked for sending on the TCP/IP communication resource with CRN *crn* for the duration of the blocked send timeout interval. Installation-wide monitor exit USRTCPA requested ALCS to close the connection.

### Module

DXCSOCO

---

**DXC2994W**      **TCPIP resource CRN-'crn'  
Disconnected - Idle connection  
timeout expired**

### Explanation

No data was received on the TCP/IP communication resource with CRN *crn* for the duration of the idle connection timeout interval. ALCS closed the connection.

### Module

DXCSOCO

---

**DXC2995E**      **TCP/IP connection failure No child  
server subtask available**

### Explanation

A new client attempted to connect to the ALCS concurrent server (Listener) but ALCS does not have enough resources to accept this connection.

### System action

ALCS waits for another connection request.

### System programmer response

Consider increasing the number of concurrent server sockets threads for the Listener. (See the description of the SCTGEN macro TCPLIST parameter in *ALCS Installation and Customization*.)

### Module

DXCSOCL

---

**DXC2996W**      **E-mail output is stopped - nnnnn  
messages on queue**

### Explanation

The ALCS outbound e-mail queue handler has noticed that there are messages on the queue, but the queue is currently stopped.

### Operator response

Use the ZMAIL QUEUE, START command to start sending messages from the outbound e-mail queue, if required.

### Module

CSMB

---

**DXC2997W**      **E-mail output is unable to contact  
MTA - nnnnn messages on queue**

### Explanation

The ALCS outbound e-mail queue handler was not able to send an e-mail SMTP message to the local message transfer agent (MTA). Accompanying error messages describe the error condition.

This message can also indicate that ALCS is not currently connected to TCP/IP.

### System action

ALCS leaves the messages on queue. ALCS will try to contact the MTA again at regular intervals while there are messages on queue.

### Operator response

Use the ZMAIL DISPLAY command to check the IP address and port number for the MTA. Use the ZMAIL SET command to change these values if required. Use the ZCTCP DISPLAY command to check if ALCS is connected to TCP/IP. Use the ZCTCP CONNECT command to connect ALCS to the TCP/IP address space if required.

### Module

CSMB

---

**DXC2998W**      **E-mail output message rejected**

### Explanation

The ALCS outbound e-mail queue handler was not able to send an e-mail SMTP message to the local message transfer agent (MTA). Accompanying error messages describe the error condition.

### System action

ALCS discards the rejected message and tries to send the next message from the queue.

### Operator response

Report the error to your system programmer.

### Module

CSMB

---

**DXC2999I**      *message*

### Explanation

ALCS has passed an unnumbered message to NetView. (For example, the message may have originated from a user-written application program that did not take advantage of the range DXC3000-DXC3999).

**Note:** The destination for this message is the NetView log.

### System action

None.

---

## Chapter 7. User-written application program messages: DXC3000-DXC3999

---

### DXC3000 - DXC3999

#### **Explanation**

Reserved for user-written application programs.

See *ALCS Installation and Customization* for details.

---

## Chapter 8. Responses to ALCS commands: DXC5000-DXC5999

---

**DXC5000I**      **Command complete - message sent**

### Explanation

This is a normal response to the command ZMAIL.

---

**DXC5001E**      **Command failed - message not sent**

### Explanation

This is an error response to the command ZMAIL. Accompanying error messages describe the error condition.

### Operator response

If the accompanying error messages indicate that ALCS could not send the message because of an error in the message (for example, you did not include any recipients for the message), reenter the command with a corrected message. Otherwise report the error to your system programmer.

---

**DXC5003E**      **No message text**

### Explanation

You attempted to send an e-mail SMTP message with no message text.

### Operator response

Reenter the command, including some text in the message.

---

**DXC5004E**      **Incorrect header line**

### Explanation

You attempted to send an e-mail SMTP message with an incorrect header line.

### Operator response

Reenter the command with a corrected message.

---

**DXC5005E**      **Unknown conversion selector**

### Explanation

You attempted to send an e-mail SMTP message from an ALCS terminal, but you specified a conversion selector that is not known to ALCS.

### Operator response

Reenter the command with a corrected message.

---

**DXC5006E**      **Unable to retrieve e-mail values -- TCP/IP not supported**

### Explanation

This is an error response to ZMAIL DISPLAY. The ALCS system configuration table does not include support for TCP/IP.

---

**DXC5007E**      **Unable to update e-mail values - Not authorized**

### Explanation

Explanation: This is an error response to ZMAIL SET. ZMAIL SET is restricted to Prime CRAS authorized terminals and Alternate CRAS AT1 through AT16 authorized terminals.

---

**DXC5008E**      **Unable to update e-mail values -- TCP/IP not supported**

### Explanation

This is an error response to ZMAIL SET. The ALCS system configuration table does not include support for TCP/IP.

---

**DXC5009I**      **E-mail value updated**

### Explanation

This is a normal response to ZMAIL SET.

---

**DXC5010I**      **E-mail operating values ALCS mail domain *d* MTA IP address *e* or *i* MTA port number *n* Inbound timeout *t1* Outbound timeout *t2* Postmaster name *crn***

## Explanation

This is a normal response to ZMAIL DISPLAY.

**d**

ALCS mail domain name.

**e**

Domain name of the local message transfer agent (MTA) for outbound e-mail.

**i**

IP address of the local message transfer agent (MTA) for outbound e-mail.

**n**

Port number of the local MTA for outbound e-mail.

**t1**

Connection timeout for inbound e-mail.

**t2**

Connection timeout for outbound e-mail.

**crn**

Destination for inbound e-mail messages addressed to Postmaster@*domain\_name*, where *domain\_name* is your ALCS domain name.

---

**DXC5011I**      **E-mail queue is status nnnnn messages on queue**

## Explanation

This is a normal response to the command ZMAIL QUEUE, DISPLAY.

---

**DXC5012I**      **E-mail queue is purged nnnnn messages deleted**

## Explanation

This is a normal response to the command ZMAIL QUEUE, PURGE or ZMAIL QUEUE, PURGE, ALL.

---

**DXC5013I**      **E-mail queue is now started**

## Explanation

This is a normal response to the command ZMAIL QUEUE, START.

---

**DXC5014E**      **Email queue is already started**

## Explanation

This is an error response to the command ZMAIL QUEUE, START

---

**DXC5015I**      **E-mail queue is now stopped**

## Explanation

This is a normal response to the command ZMAIL QUEUE, STOP.

---

**DXC5016E**      **E-mail queue is already stopped**

## Explanation

This is an error response to the command ZMAIL QUEUE, STOP.

---

**DXC5017E**      **Unable to access e-mail queue - Error retrieving keypoint record**

## Explanation

This is an error response to the command ZMAIL QUEUE.

---

**DXC5018E**      **Unable to access e-mail queue - Error retrieving message record**

## Explanation

This is an error response to the command ZMAIL QUEUE, PURGE.

---

**DXC5019E**      **Unable to access e-mail queue - Message queue control fields corrupted**

## Explanation

This is an error response to the command ZMAIL QUEUE, PURGE.

---

**DXC5020E**      **Sockets call *calltype* failed - Error number *error\_number***

## Explanation

While attempting to send an e-mail SMTP message to the local message transfer agent (MTA), a TCP/IP sockets call of type *calltype* failed with error number *error\_number*.

## Operator response

Report the error to your system programmer.

---

**DXC5021E**      **Unexpected SMTP reply code *reply\_code***

## Explanation

While attempting to send an e-mail SMTP message to the local message transfer agent (MTA), the local MTA responded with SMTP reply code *reply\_code*.

## Operator response

Report the error to your system programmer.

---

**DXC5022E**      **Connection timed out**

## Explanation

While attempting to send an e-mail SMTP message to the local message transfer agent (MTA), the MTA failed to respond within a reasonable time.

## Operator response

Report the error to your system programmer.

---

**DXC5023E**      **Connection closed by MTA**

## Explanation

While attempting to send an e-mail SMTP message to the local message transfer agent (MTA), the MTA closed the TCP/IP connection.

## Operator response

Report the error to your system programmer.

---

**DXC5025E**      **No message body**

## Explanation

You attempted to send an e-mail SMTP message with no message body.

## Operator response

If you used the ALCS ZMAIL command to send the message, reenter the command, including a body in the message. If you used an ALCS application input message, refer to your documentation for that input message.

---

**DXC5026E**      **Incorrect header line**

## Explanation

You attempted to send an e-mail SMTP message with an incorrect header line.

## Operator response

If you used the ALCS ZMAIL command to send the message, reenter the command with a corrected message. If you used an ALCS application input message, refer to your documentation for that input message.

---

**DXC5027E**      **No message recipient**

## Explanation

You attempted to send an e-mail SMTP message with no recipients.

## Operator response

If you used the ALCS ZMAIL command to send the message, reenter the command with at least one recipient. If you used an ALCS application input message, refer to your documentation for that input message.

---

**DXC5028E**      **Reverse path invalid or omitted**

## Explanation

You attempted to send an e-mail SMTP message with an invalid reverse path.

## Operator response

If you used the ALCS ZMAIL command to send the message, report the problem to your system programmer. If you used an ALCS application input message, refer to your documentation for that input message. If your documentation does not explain how to correct the problem, report it to your system programmer.

## Programmer response

If the ALCS ZMAIL command generates this response, inform your IBM programming support representative. If an ALCS application input message generates this response, there is an error in your application.

---

**DXC5029E**      **MTA response too long**

## Explanation

While attempting to send an e-mail SMTP message to the local message transfer agent (MTA), the local MTA responded with an SMTP reply which was longer than the maximum (1024 characters) which ALCS supports.

## Operator response

Report the error to your system programmer.

---

**DXC5040I**      **Trace - Call type *calltype***

## Explanation

You attempted to send an e-mail SMTP message and requested trace information. ALCS has issued the TCP/IP call *calltype*.

---

**DXC5041I**      **Trace - Call type *calltype data***

## Explanation

You attempted to send an e-mail SMTP message and requested trace information. ALCS has issued the

TCP/IP call *calltype*. The call sent or received data starting with the characters *data*.

---

**DXC5085W      Throttle Application police routine has been aborted**

**Explanation**

The Throttling Application police routine has terminated abnormally.

**System programmer response**

Investigate the dump of the problem that caused the process abortion. Use ZDRIV CTH4 to restart the Throttling Application police routine.

**Module**

CTH4

---

**DXC5086I      *normal response***

**Explanation**

This message is a normal response to the ZCTHR Display command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CTH1

---

**DXC5087I      *normal response***

**Explanation**

This message is a normal response to the ZCTHR Display command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CTH1

---

**DXC5088I      Throttle Application updated**

**Explanation**

This message is a normal response to either the ZCTHR Update, or ZCTHR THRS, or ZCTHR ALT command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CTH1

---

**DXC5089I      Throttle Application not found**

**Explanation**

This message is a response to the ZCTHR command. You entered the command, but this throttle application does not exist.

**Operator response**

If this is an error, then correct the error and retry the command.

**Module**

CTH1

---

**DXC5090E      Invalid ZCTHR zzzzzz parameter**

**Explanation**

This message is a response to the ZCTHR command. You entered the command with invalid parameter *zzzzzz*.

**Operator response**

Correct the error and retry the command.

**Module**

CTH1

---

**DXC5091I      Throttle Table empty**

**Explanation**

This message is a response to the ZCTHR Display command. There are no applications in the throttle table.

**Module**

CTH1

---

**DXC5092I      Throttle Table initialized**

**Explanation**

This message is a normal response to the ZCTHR Init command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CTH1

---

**DXC5093E      Invalid CRAS authorisation**

## Explanation

The ZCTHR commands except ZCTHR Display are allowed only from Prime CRAS.

## Operator response

Correct the error and retry the command.

## Module

CTH1

---

**DXC5094E Invalid ZCTHR command**

## Explanation

This message is a response to the ZCTHR command. You entered the ZCTHR command but the syntax of the command was wrong.

## Operator response

Correct the error and retry the command.

## Module

CTH1

---

**DXC5095I Throttle Application added**

## Explanation

This message is a normal response to the ZCTHR Add command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CTH1

---

**DXC5096I Throttle Application deleted**

## Explanation

This message is a normal response to the ZCTHR DELEte command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CTH1

---

**DXC5097W Throttle Table full**

## Explanation

This message is a response to the ZCTHR Add command.

## Operator response

Delete non used Throttle applications and retry the command.

## Module

CTH1

---

**DXC5098W Throttle Application exists already**

## Explanation

This message is a response to the ZCTHR Add command. You entered the ZCTHR Add command, but the Throttle application already exists.

## Operator response

Correct the error and retry the command.

## Module

CTH1

---

**DXC5100E Invalid ZOCTM command**

## Explanation

You entered an invalid ZOCTM command.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC5101I BUILD started**

## Explanation

This message is a normal response to the ZOCTM BUILD command.

---

**DXC5102I BUILD completed**

## Explanation

This message is a normal response to the ZOCTM BUILD command.

---

**DXC5103E BUILD failed RC=return\_code  
RSN=reason\_code**

## Explanation

The ZOCTM BUILD command failed with unexpected return and reason codes.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

## System programmer response

Determine if any system errors have occurred and inform your IBM programming support representative.

---

**DXC5104I**      **Access allowed**

## Explanation

This message is a normal response to the ZOCTM START command.

---

**DXC5105E**      **Access not allowed**  
**RC=return\_code RSN=reason\_code**

## Explanation

The ZOCTM START command failed with unexpected return and reason codes.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

## System programmer response

Determine if any system errors have occurred and inform your IBM programming support representative.

---

**DXC5106I**      **Access not allowed**

## Explanation

This message is a normal response to the ZOCTM STOP command.

---

**DXC5107E**      **Request failed RC=return\_code**  
**RSN=reason\_code**

## Explanation

The ZOCTM STOP command failed with unexpected return and reason codes.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

## System programmer response

Investigate if any system errors have occurred and inform your IBM programming support representative.

---

**DXC5108I**      **BACKUP started**

## Explanation

This message is a normal response to the ZOCTM BACKUP command.

---

**DXC5109E**      **BACKUP failed RC=return\_code**  
**RSN=reason\_code**

## Explanation

The ZOCTM BACKUP command failed with unexpected return and reason codes.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

## System programmer response

Investigate if any system errors have occurred and inform your IBM programming support representative.

---

**DXC5110I**      **BACKUP finished**

## Explanation

This message is a normal response to the ZOCTM BACKUP command.

---

**DXC5111E**      **Invalid sequential file**

## Explanation

The Online Communication Table Maintenance (OCTM) BACKUP or RESTORE functions can not proceed as the sequential file is not valid.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

## System programmer response

Verify that the OCTM sequential file is correctly defined in the ALCS system (see the description of the SEQGEN generation macro in *ALCS Installation and Customization*).

---

**DXC5112I**      **FORCE accepted**

---

### Explanation

This message is a normal response to the ZOCTM BACKUP FORCE or ZOCTM RESTORE FORCE command.

---

**DXC5113E**      **FORCE failed**

---

### Explanation

The ZOCTM BACKUP FORCE or ZOCTM RESTORE FORCE command failed as a previous ZOCTM BACKUP or RESTORE had completed successfully.

### Operator response

Retry the command without the force parameter.

---

**DXC5114I**      **RESTORE started**

---

### Explanation

This message is a normal response to the ZOCTM RESTORE command.

---

**DXC5115I**      **RESTORE finished**

---

### Explanation

This message is a normal response to the ZOCTM RESTORE command.

---

**DXC5116E**      **RESTORE failed RC=return\_code  
RSN=reason\_code**

---

### Explanation

The ZOCTM RESTORE command failed with unexpected return and reason codes.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

### System programmer response

Investigate if any system errors have occurred and inform your IBM programming support representative.

---

**DXC5117I**      **OCTM not used by this ALCS  
system**

---

### Explanation

This message is a normal response when a ZOCTM command has been entered and Online Communication Table Maintenance (OCTM) is not used by the ALCS system for managing communication resources.

---

**DXC5118I**      *normal response*

---

### Explanation

This message is a normal response to the ZOCTM STATUS command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

---

**DXC5119E**      **Sequential file in use**

---

### Explanation

The OCTM BACKUP or OCTM RESTORE functions can not proceed as the sequential file is already in use.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command when the sequential file is no longer in use.

---

**DXC5120I**      *normal response*

---

### Explanation

This message is a normal response to the ZOCTM GROUPS command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

---

**DXC5123E**      **GROUPS failed RC=return\_code  
RSN=reason\_code**

---

### Explanation

The ZOCTM GROUPS command failed with unexpected return and reason codes.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

### System programmer response

Investigate if any system errors have occurred and inform your IBM programming support representative.

---

**DXC5124I**      **No groups allocated**

---

## Explanation

This message is a response to the ZOCTM GROUPS command when there are no OCTM communications groups allocated.

---

**DXC5125I**      **GROUP is empty**

## Explanation

This message is a response to the ZOCTM GROUP command when there are no communication resources belonging to this OCTM communications group.

---

**DXC5126E**      **GROUP failed RC=return\_code**  
                  **RSN=reason\_code**

## Explanation

The ZOCTM GROUP command failed with unexpected return and reason codes.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of the command format and retry the command. Inform your system programmer if not successful.

## System programmer response

Investigate if any system errors have occurred and inform your IBM programming support representative.

---

**DXC5127I**      *normal response*

## Explanation

This message is a response to the ZOCTM GROUP command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

---

**DXC5128E**      **GROUP not found**

## Explanation

The OCTM communications group could not be found.

## Operator response

Check the name of the OCTM communications group and submit the command again with the correct group name.

---

**DXC5130E**      **Invalid ZOCTM parameter**

## Explanation

You entered a ZOCTM command with an invalid parameter.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC5131E**      **Invalid CRAS authorization**

## Explanation

The ZOCTM commands ZOCTM BUILD, BACKUP, RESTORE, START and STOP are allowed only from Prime CRAS. All other ZOCTM commands are allowed from Prime CRAS or high CRAS (AT1-16).

## Operator response

Submit the command on a display that has the appropriate CRAS authority.

---

**DXC5132E**      **OCTM can not be accessed**

## Explanation

You are not allowed to enter this ZOCTM command when OCTM is inactive.

## Operator response

Inform your system programmer.

## System programmer response

If required, restart OCTM with the ZOCTM START command.

---

**DXC5133E**      **BUILD not allowed anymore**

## Explanation

The ZOCTM BUILD command has already been used to build the OCTM database (and the build completed successfully).

---

**DXC5135E**      **Invalid system state**

## Explanation

You are not allowed to enter the ZOCTM RESTORE command unless ALCS is in IDLE state.

## Operator response

Bring the ALCS system down to IDLE state and retry the command.

---

**DXC5136W**      **Access already allowed**

**Explanation**

You are not allowed to enter the ZOCTM START command twice (OCTM has already been started).

---

**DXC5137W**      **Access already not allowed**

**Explanation**

You are not allowed to enter the ZOCTM STOP command twice (OCTM has already been stopped).

---

**DXC5140E**      **Invalid Year**

**Explanation**

You entered the ZPERF command with a DATE parameter using a year for which no history information was collected.

**Operator response**

Correct the error and retry the command.

**Module**

CPM6

---

**DXC5141E**      **Invalid Day**

**Explanation**

You entered the ZPERF command with a DATE parameter using a day for which no history information was collected.

**Operator response**

Correct the error and retry the command.

**Module**

CPM6

---

**DXC5142E**      **No history information**

**Explanation**

You entered the ZPERF or ZSTAT command with a DATE parameter using a period for which no history information was collected.

**Operator response**

Correct the error and retry the command.

**Module**

CPM6

---

**DXC5143I**      **Performance Table initialized**

**Explanation**

This message is a normal response to the ZPERF INITIALIZE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CPM2

---

**DXC5144I**      **Performance Monitor activated**

**Explanation**

This message is a normal response to the ZPERF ACTIVATE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CPM3

---

**DXC5145I**      **Performance Monitor deactivated**

**Explanation**

This message is a normal response to the ZPERF DEACTIVATE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CPM3

---

**DXC5146E**      **Already active**

**Explanation**

The performance monitor is already active.

**Module**

CPM3

---

**DXC5147E**      **Already inactive**

**Explanation**

The performance monitor is already inactive.

## Module

CPM3

---

**DXC5148E**      **Invalid Month**

## Explanation

You entered the ZPERF command with a DATE parameter using a month for which no history information was collected.

## Operator response

Correct the error and retry the command.

## Module

CPM6

---

**DXC5149E**      **Performance Monitor Application  
not found**

## Explanation

You entered the ZPERF FORCE command, but the performance Monitor application PERF does not exist.

## Operator response

Inform your system programmer if the performance monitor application PERF must be defined.

## Module

CPM2

---

**DXC5150W**      **Performance Monitor is not  
enabled**

## Explanation

You entered a ZPERF or ZCTHR command, but the performance monitor is not enabled.

## Operator response

Inform your system programmer if the performance monitor must be enabled.

## Module

CPM1

---

**DXC5151I**      *normal response*

## Explanation

This message is a normal response to the ZPERF CPU command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM1

---

**DXC5153I**      *normal response*

## Explanation

This message is a normal response to the ZPERF SYS command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM1

---

**DXC5154I**      *normal response*

## Explanation

This message is a normal response to the ZPERF SPI command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM1

---

**DXC5155I**      *normal response*

## Explanation

This message is a normal response to the ZPERF I/O command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM4

---

**DXC5157I**      *normal response*

## Explanation

This message is a normal response to the ZPERF P00L command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM4

---

**DXC5159I**      *normal response*

## Explanation

This message is a normal response to the ZPERF TASK command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM4

---

### **DXC5161E** Invalid Date/Time

## Explanation

You entered the ZPERF command with either an incorrect date or incorrect time.

## Operator response

Use correct numeric values for either date or time, and retry the command.

## Module

CPM1, CPM2, CPM4, CPM6

---

### **DXC5162E** Invalid Performance Monitor application

## Explanation

You entered the ZPERF command with an invalid performance monitor application name. Performance monitor application names consist of four alphanumeric characters and can not be one of the following reserved names: SYST, DFT1, DFT2, DFT3.

## Operator response

Correct the error and retry the command.

## Module

CPM1, CPM2, CPM4

---

### **DXC5163E** No Storage Unit information

## Explanation

You entered the ZPERF command with a DATE parameter using a period for which no history information was collected.

## Operator response

Correct the error and retry the command.

## Module

CPMF

---

### **DXC5164E** Invalid CRAS Authorization

## Explanation

The ZPERF commands ADD, DELETE, INITIALIZE, ACTIVATE, DEACTIVATE, FORCE, AVERAGE, and PURGE are allowed only from Prime CRAS. All other ZPERF commands are allowed from Prime CRAS or Alternate CRAS AT1 to AT16.

## Operator response

Submit the command on a display that has the appropriate CRAS authority.

## Module

CPM2, CPM3

---

### **DXC5165E** Invalid ZPERF command

## Explanation

You entered a ZPERF command with an invalid parameter.

## Operator response

Correct the typing or syntax error and retry the command.

## Module

CPM1, CPM2, CPM4

---

### **DXC5166I** *normal response*

## Explanation

This message is a normal response to the ZPERF SU command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPMF

---

### **DXC5167E** Invalid ECB address

## Explanation

You entered the ZPERF FORCE command with an invalid ECB address.

## Operator response

Correct the error and retry the command.

## Module

CPM2

---

**DXC5168E Invalid level**

## Explanation

You entered the ZPERF command with an invalid level. The level must be either 1, or 2, or 3.

## Operator response

Correct the error and retry the command.

## Module

CPM1, CPM2, CPM4

---

**DXC5169I Performance Monitor Application added**

## Explanation

This message is a normal response to the ZPERF ADD command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM2

---

**DXC5170I Performance Monitor Application deleted**

## Explanation

This message is a normal response to the ZPERF DELETE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM2

---

**DXC5171I ZPERF FORCE finished**

## Explanation

This message is a normal response to the ZPERF FORCE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM2

---

**DXC5172I ZPERF AVERAGE finished**

## Explanation

This message is a normal response to the ZPERF AVERAGE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM2

---

**DXC5173I ZPERF PURGE finished**

## Explanation

This message is a normal response to the ZPERF PURGE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CPM2

---

**DXC5174W Performance Monitor Table full**

## Explanation

This message is a response to the ZPERF ADD command.

## Operator response

Delete unused performance monitor applications and retry the command.

## Module

CPM2

---

**DXC5176W Performance Monitor Application exists already**

## Explanation

You entered the ZPERF ADD command, but the performance monitor application already exists.

## Operator response

Correct the error and retry the command.

## Module

CPM2

---

**DXC5177W Performance Monitor Application not found**

## Explanation

You entered the ZPERF DELETE command, but this performance Monitor application does not exist.

## Operator response

Correct the error and retry the command.

## Module

CPM2

---

**DXC5178W Performance Monitor history collection has been aborted**

## Explanation

The Performance Monitor history collection process has terminated abnormally.

## System programmer response

Investigate the dump of the problem that caused the process abortion. Use ZDRIV CPM5 to restart the Performance Monitor history collection process.

## Module

CPM5

---

**DXC5180E Invalid CRAS authorization**

## Explanation

The commands ZCTCB ACTIVATE and ZCTCB DEACTIVATE are allowed only from Prime CRAS. All other ZCTCB commands are allowed from Prime CRAS or high CRAS (AT1-16).

## Operator response

Submit the command on a display that has the appropriate CRAS authority.

## Module

CLCC

---

**DXC5181E Invalid ZCTCB command**

## Explanation

You entered a ZCTCB command with an invalid parameter.

## Operator response

Correct the typing or syntax error and retry the command.

## Module

CLCC

---

**DXC5182I One CPU loop activated**

## Explanation

This message is a normal response to the ZCTCB ACTIVATE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CLCC

---

**DXC5183I One CPU loop deactivated**

## Explanation

This message is a normal response to the ZCTCB DEACTIVATE command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CLCC

---

**DXC5184W Can not activate a CPU loop**

## Explanation

This message is a response to the ZCTCB ACTIVATE command when all CPU loops are already active.

## Module

CLCC

---

**DXC5185W Can not deactivate a CPU loop**

## Explanation

This message is a response to the ZCTCB DEACTIVATE command when only one CPU loop is active.

## Module

CLCC

---

**DXC5186E DYNTCB=NO specified in SCTGEN**

## Explanation

The commands ZCTCB ACTIVATE and ZCTCB DEACTIVATE are not allowed as the ALCS dynamic TCB facility is not enabled.

## Operator response

Inform your system programmer if the ALCS dynamic TCB facility must be enabled.

## System programmer response

Determine if the ALCS dynamic TCB must be enabled (for example, you must not enable this facility if your application programs do not serialize access to the global area). See *ALCS Installation and Customization* for information about enabling this facility if it is required.

---

**DXC5187E**      **Invalid TASK name**

## Explanation

You entered the ZCTCB TASK command with an invalid NAME parameter.

## Operator response

Correct the typing or syntax error and retry the command.

## Module

CLCC

---

**DXC5188I**      *normal response*

## Explanation

This message is a normal response to the ZCTCB REPORT command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CLCC

---

**DXC5189I**      *normal response*

## Explanation

This message is a normal response to the ZCTCB TASK command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CLCC

---

**DXC5200I**      **SAF data for group gname**  
**dddddddd dddddddd dddddddd**  
**dddddddd \*cccccccccccccc\***  
**dddddddd ..... \*ccc.... \*:**

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC5201I**      **Terminal not logged on**

## Explanation

ZDCOM SAF was issued, but there was no end user logged on to the resource.

## Operator response

Issue ZLOGN command to log on to ALCS if required and retry the command.

---

**DXC5202I**      **SAF data not found**

## Explanation

ZDCOM SAF was issued, but no external security manager data exists for the resource.

## Operator response

If you expected data to exist, ask your system programmer to check the status of the external security manager for the end user that is currently logged on to the affected resource.

---

**DXC5203I**      **SAF data for group gname**  
**suppressed by installation-wide**  
**exit**

## Explanation

ZDCOM SAF was issued, but the installation-wide exit program ASD1 determined that the external security manager data should not be displayed.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the command.

## System programmer response

See *ALCS Installation and Customization* for a full description of the installation-wide exit ASD1.

---

**DXC5204I**      **SAF group name not found**

## Explanation

ZDCOM SAF was issued, but no external security manager connected GROUP profile was found in the ACEE for the resource.

## Operator response

Ask your system programmer to check the status of the external security manager for the end user that is currently logged on to the affected resource.

---

**DXC5205I**      **SAF data for CRN-'crn' cannot be accessed**

## Explanation

ZDCOM SAF was issued, but ALCS was unable to access the external security manager data.

## Operator response

If you expected data to exist, ask your system programmer to check the status of the external security manager for the end user that is currently logged on to the affected resource.

---

**DXC5215E**      **Program not found**

## Explanation

You entered a ZALCS PROGRAM to display the information of a program that is not currently loaded.

## Operator response

Retry the command with an existing program name.

## Module

CAT8

---

**DXC5216E**      **Invalid seq file definition or status**

## Explanation

You entered a ZALCS PROGRAM to list program information into a sequential file. The sequential file has an invalid definition or is not available for use.

## Operator response

Investigate and fix the error condition of the sequential file and retry the command.

## Module

CAT8

---

**DXC5217I**      **List of programs generated**

## Explanation

This is the normal response when you enter a ZALCS PROGRAM to list program information into a sequential file.

## Module

CAT8

---

**DXC5217I**      **List of programs generated**

## Explanation

This is the normal response when you enter a ZALCS PROGRAM to list program information into a sequential file.

## Module

CAT8

---

**DXC5218I**      **Program counter reset**

## Explanation

This is the normal response when you enter a ZALCS PROGRAM to reset the program counter.

## Module

CAT8

---

**DXC5219I**      **Normal response**

## Explanation

This is the normal response when you enter a ZALCS PROGRAM to display program information.

## Module

CAT8

---

**DXC5221E**      **Invalid monitor storage area name**

## Explanation

You entered a ZALCS S mmmmmmm command, where mmmmmmm is an incorrect monitor storage area name.

## Operator response

Correct the incorrect name and retry the command.

## Module

CAT2

---

**DXC5222E**      **Invalid monitor save area name**

## Explanation

You entered a ZALCS S SAVE=ssss command, where ssss is an incorrect monitor save area name.

## Operator response

Correct the incorrect name and retry the command.

## Module

CAT2

---

**DXC5223E Invalid CPU loop number**

## Explanation

You entered a ZALCS S SAVE=ssss CPU=ll command, where ll is an incorrect monitor cpu loop number.

## Operator response

Correct the cpu loop number name and retry the command.

## Module

CAT2

---

**DXC5224E Monitor storage area not found or not available**

## Explanation

You entered a ZALCS S mmmmmmmm command, where mmmmmmmm is the name of a monitor storage area that is not found in the system table or has not been initialized yet.

## Operator response

Correct the incorrect name and retry the command.

## Module

CAT2

---

**DXC5225E CPU loop number exceeds maximum**

## Explanation

You entered a ZALCS S SAVE=ssss CPU=ll, where ll exceeds the current number of available CPU loop.

## Operator response

Correct the incorrect cpu loop number and retry the command.

## Module

CAT2

---

**DXC5226E Invalid csect address**

## Explanation

You entered a ZALCS M ADDR=aaaaaaaa command, where aaaaaaaaa is an incorrect address.

## Operator response

Correct the incorrect address and retry the command.

## Module

CAT3

---

**DXC5227E Monitor save area name not found**

## Explanation

You entered a ZALCS S SAVE=ssss command, where ssss is the name of a monitor save area that is not found in the system table.

## Operator response

Correct the incorrect name and retry the command.

## Module

CAT2

---

**DXC5228E Invalid TOD clock value**

## Explanation

You entered a ZALCS M TOD=tttttttt command, where tttttttt is a invalid TOD clock value.

## Operator response

Correct the incorrect TOD clock value and retry the command.

## Module

CAT3

---

**DXC5229E Can not convert TOD before 1976**

## Explanation

You entered a ZALCS M TOD=tttttttt command, where tttttttt is the value of a TOD clock before the year of 1976.

## Operator response

Correct the incorrect TOD clock value and retry the command.

**Module**

CAT3

---

**DXC5230I**      *normal response***Explanation**

This is the normal response for ZALCS TOD clock conversion.

**Module**

CAT3

---

**DXC5234E**      **Momb control table not found****Explanation**

You entered a ZALCS M MOMB but the Momb control table area has not been initialized yet by ALCS.

**Operator response**

Retry the command when ALCS starts using the Momb control table.

**Module**

CAT3

---

**DXC5235E**      **Momb entry table not found****Explanation**

You entered a ZALCS M MOMB but the Momb entry table area has not been initialized yet by ALCS.

**Operator response**

Retry the command when ALCS starts using the Momb entry table.

**Module**

CAT3

---

**DXC5236E**      **VFA staging buffers not found4****Explanation**

You entered a ZALCS V STAGE but ALCS is not using VFA staging buffers.

**Operator response**

Retry the command when ALCS starts using the VFA staging buffers.

**Module**

CAT6

---

**DXC5239E**      **VFA control area not found****Explanation**

You entered a ZALCS V CONTROL but ALCS has not initialized the VFA control area.

**Operator response**

Inform your system programmer.

**Module**

CAT6

---

**DXC5240I**      *normal response***Explanation**

This is the ZALCS command display header for normal responses.

**Module**

CAT3,CAT6

---

**DXC5241E**      **Address outside monitor csect area range****Explanation**

You entered a ZALCS M ADDR=aaaaaaaa, where aaaaaaaaaa is an address which is not part of any ALCS monitor csect.

**Operator response**

Correct the incorrect address and retry the command.

**Module**

CAT3

---

**DXC5242I**      *normal response***Explanation**

This is the ZALCS TAG command display header.

**Module**

CAT4

---

**DXC5245I**      *normal response*

## Explanation

This is the normal response for the ZALCS SYS ADDR command.

## Module

CAT3

---

**DXC5250I**      *normal response*

## Explanation

This is a normal response (interface connected) to the ZCWAS DISPLAY command.

See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CWAS

---

**DXC5251I**      *normal response*

## Explanation

This is a normal response (interface disconnected) to the ZCWAS DISPLAY command.

See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CWAS

---

**DXC5252I**      *normal response*

## Explanation

This is a normal response (interface disconnecting) to the ZCWAS DISPLAY command.

See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CWAS

---

**DXC5253E**      **Can not connect WAS interface**

## Explanation

You can not connect as the interface is disconnecting or is already connected.

## Module

CWAS

---

**DXC5254E**      **Can not disconnect WAS interface**

## Explanation

You can not disconnect as the interface is disconnecting or is already disconnected.

## Module

CWAS

---

**DXC5255I**      **WAS interface now connected**

## Explanation

This is a normal response to a ZCWAS CONNECT command.

## Module

CWAS

---

**DXC5256I**      **WAS interface now disconnecting**

## Explanation

This is a normal response to a ZCWAS DISCONNECT command.

## Module

CWAS

---

**DXC5257E**      **Invalid ZCWAS command**

## Explanation

You entered a ZCWAS command with an invalid parameter.

## Operator response

Correct the typing or syntax error and retry the command

## Module

CWAS

---

**DXC5258E**      **Invalid CRAS authorisation**

## Explanation

The ZCWAS commands ZCWAS CONNECT and ZCWAS DISCONNECT are allowed only from Prime CRAS. The ZCWAS DISPLAY command is allowed from any CRAS.

## Module

CWAS

---

**DXC5259E ALCS - WAS interface not enabled**

---

**Explanation**

The ALCS system configuration table does not specify support for WAS.

**Operator response**

Inform your system programmer.

**System programmer response**

See *ALCS Installation and Customization* for information on how to configure WAS support.

**Module**

CWAS

---

**DXC5300I TCP/IP trace to DIA file started**

---

**Explanation**

This is a normal response to the ZCTCP TRACE, START command

---

**DXC5301I TCP/IP trace to DIA file stopped**

---

**Explanation**

This is a normal response to the ZCTCP TRACE, STOP command.

---

**DXC5302I TCP/IP trace area cleared**

---

**Explanation**

This is a normal response to the ZCTCP TRACE, CLEAR command.

---

**DXC5304I No TCP/IP trace data to display**

---

**Explanation**

This is a normal response to the ZCTCP TRACE, SHOW command.

---

**DXC5305I TCP/IP trace data**

---

**Explanation**

This is a normal response to the ZCTCP TRACE, SHOW command. See *ALCS Operation and Maintenance* for a full explanation of the trace display format.

---

**DXC5320I normal response**

---

**Explanation**

This message is a normal response to the ZPCTL DISPLAY *mmmmm*, PROGRAMS command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CPCD

---

**DXC5322I normal response**

---

**Explanation**

This message is a normal response to the ZDPGM pppp,MODULES command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

**Module**

CVAM

---

**DXC5330E Load failed - At least one duplicate module name**

---

**Explanation**

This message is an error response to the ZPCTL load set command. At least one load module of the load set was previously loaded.

**System action**

ALCS will not load any load module of this load set.

**Operator response**

Inform your system programmer.

**System programmer response**

See message DXC2819E on the RO CRAS for details. Correct the load set, re-run the load set generation, and ask the operator to retry.

---

**DXC5331E Load failed - At least one load module could not be loaded**

---

**Explanation**

This message is an error response to the ZPCTL load set command. At least one load module of the load set could not be loaded.

**System action**

ALCS will not load any load module of this load set.

### Operator response

Inform your system programmer.

### System programmer response

See message DXC2820E on the RO CRAS for details. Correct the load set, re-run the load set generation, and ask the operator to retry.

---

**DXC5332W**      **Load failed - Configuration Data set is locked**

### Explanation

This message is an error response to the ZPCTL load set command. This error can occur if ALCS has received simultaneous ZACOM or ZPCTL commands and ALCS is using a program configuration data set..

### System action

ALCS will not load any load module of this load set.

### Operator response

Retry the command.

---

**DXC5333E**      **Load failed - Incorrect number of load modules in load set**

### Explanation

This message is an error response to the ZPCTL load set command. The number of load modules of the load set is incorrect.

### System action

ALCS will not load any load module of this load set.

### Operator response

Inform your system programmer.

### System programmer response

Correct the load set, re-run the load set generation, and ask the operator to retry.

---

**DXC5334E**      **Load failed - Incorrect load set name**

### Explanation

This message is an error response to the ZPCTL load set command. The generated load set name is not the same as load set name used in the ZPCTL load set command.

### System action

ALCS will not load any load module of this load set.

### Operator response

Inform your system programmer.

### System programmer response

Correct the load set name in the load set, re-run the load set generation, and ask the operator to retry.

---

**DXC5335E**      **Load failed - Incorrect load set version**

### Explanation

This message is an error response to the ZPCTL load set command. You tried to load a corrupted load set.

### System action

ALCS will not load any load module of this load set.

### Operator response

Inform your system programmer.

### System programmer response

This problem can not occur. Please contact your IBM programming support representative.

---

**DXC5336E**      **Load failed - Incorrect load set tag**

### Explanation

This message is an error response to the ZPCTL load set command. You tried to load a corrupted load set or the referenced module is not a load set at all.

### System action

ALCS will not load any load module of this load set.

### Operator response

Inform your system programmer.

### System programmer response

Re-run the load set generation, and ask the operator to retry.

---

**DXC5337E**      **Load failed - At least one duplicate module name in load set**

## Explanation

This message is an error response to the ZPCTL load set command. There is at least one duplicate module name in the generated load set.

## System action

ALCS will not load any load module of this load set.

## Operator response

Inform your system programmer.

## System programmer response

Correct the load set, re-run the load set generation, and ask the operator to retry.

---

<b>DXC5338E</b>	<b>Load failed - Error during load set load</b>
-----------------	---

## Explanation

This message is an error response to the ZPCTL load set command. The load set could not be found.

## System action

ALCS will not load any load module of this load set.

## Operator response

Inform your system programmer.

## System programmer response

Correct the load set, re-run the load set generation, and ask the operator to retry.

---

<b>DXC5339E</b>	<b>Load failed - No storage -- Try again</b>
-----------------	--

## Explanation

This message is an error response to the ZPCTL load set command.

## System action

ALCS will not load any load module of this load set.

## Operator response

Retry the command. If the problem persists, inform your system programmer.

## System programmer response

Increase the total number of I/O control blocks (IOCBs) in the ALCS system. (See the description of the SCTGEN macro NBRIOB parameter in *ALCS Installation and Customization*) and ask the operator to retry.

---

<b>DXC5340E</b>	<b>Load failed - Module load table full</b>
-----------------	---

## Explanation

This message is an error response to the ZPCTL load set command.

## System action

ALCS will not load any load module of this load set.

## Operator response

Inform your system programmer.

## System programmer response

Update the program configuration table to increase the number of modules expected in the system. Assemble and link-edit the program configuration table, restart ALCS and ask the operator to retry.

---

<b>DXC5341E</b>	<b>Load failed - Program table full</b>
-----------------	---

## Explanation

This message is an error response to the ZPCTL load set command.

## System action

ALCS will not load any load module of this load set.

## Operator response

Inform your system programmer.

## System programmer response

Update the program configuration table to increase the number of programs expected in the system. Assemble and link-edit the program configuration table, restart ALCS and ask the operator to retry.

---

<b>DXC5342E</b>	<b>Load failed - Configuration Data Set full</b>
-----------------	--

## Explanation

This message is an error response to the ZPCTL load set command while ALCS is using a program configuration data set.

### System action

ALCS will not load any load module of this load set.

### Operator response

Inform your system programmer.

### System programmer response

Load and confirm the alternate program configuration table load list, restart ALCS, and ask the operator to retry.

---

**DXC5343E**      **Load failed - Request is out of sequence**

### Explanation

This message is an error response to the ZPCTL load set command. You have tried to perform an action out of sequence while ALCS is using a program configuration data set.

### System action

ALCS will not load any load module of this load set.

### Operator response

Refer to *ALCS Operation and Maintenance* for an explanation about how to perform the action in the correct sequence.

---

**DXC5344I**      **All modules of load set successfully loaded**

### Explanation

This message is a normal response to the ZPCTL load set command.

### System action

ALCS did load all load modules of this load set.

### Operator response

See message DXC2818I on the RO CRAS for details.

---

**DXC5345E**      **Not authorized to request this function**

### Explanation

This function is only allowed from Prime CRAS..

### Operator response

Retry the command from Prime CRAS.

---

**DXC5400I**      **Table successfully created**

### Explanation

This message is a normal response to the ZPDAR CREATE command.

### Module

CPDR

---

**DXC5401W**      **Table already exists**

### Explanation

This message is a response to the ZPDAR CREATE command. The PDAR table already exists.

### Module

CPDR

---

**DXC5402I**      **Table successfully cleared**

### Explanation

This message is a normal response to the ZPDAR DELETE command.

### Module

CPDR

---

**DXC5403E**      **Table does not exist**

### Explanation

You entered a ZPDAR DELETE or DISPLAY command without initializing the PDAR table structure first.

### Module

CPDR

---

**DXC5404I**      *normal response*

### Explanation

This message is a normal response to the ZPDAR DISPAY command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

### Module

CPDR

---

**DXC5406W**      **Table empty**

## Explanation

You entered a ZPDAR DISPLAY command to display the PDAR table structure, but the table is empty.

## Module

CPDR

---

**DXC5407I**      *normal response*

## Explanation

This message is a normal response to the ZPDAR DISPAY command. See *ALCS Operation and Maintenance* for a full explanation

## Module

CPDR

---

**DXC5408W**      **Dispensing is still active**

## Explanation

You entered a ZPDAR DELETE or CREATE while the system is in restore mode and the PDAR table structure is still in use.

## Operator response

Wait until all reserved records from the PDAR table structure are dispensed.

## Module

CPDR

---

**DXC5490I**      **Normal response**

## Explanation

This message is a normal response to the ZCICF QICF command. See *ALCS Operation and Maintenance* for a full explanation of the command response

## Module

CICF

---

**DXC5491I**      **Normal response**

## Explanation

This message is a normal response to the ZCICF QALG command. See *ALCS Operation and Maintenance* for a full explanation of the command response.

## Module

CICF

---

**DXC5492E**      **ICSF call failed with RC-X'return\_code' and RSN-x'reason\_code'**

## Explanation

This error was produced in response to a ZCICF QALG or ZCICF QICF command.

This error was produced in response to a ZCICF QALG or ZCICF QICF command.

## Programmer response

Inform your IBM programming support representative.

## Module

CICF

---

**DXC5493I**      **ICSF not supported by this ALCS**

## Explanation

A ZCICF command has been entered on an ALCS Installation and Customization system that does not have ICSF support generated. See *ALCS Installation and Customization* for information on how to configure ICSF.

## Module

CICF

---

**DXC5500I**      **Mapping Data obtained from xxxx**

## Explanation

This is an informational message that identifies the source of the mapping data used to produce the ZDMOD output. The three sources of mapping data are:

1. Binder Module Mapping (BMMP) records loaded with a module by using the MODMAP=LOAD parameter when the module is bound. ALCS segment DXCBMMP must be included in the bind step in order to locate the BMMP records in storage.
2. Binder Module Mapping records stored with a module in a PDS.
3. Reading the individual (RLD, ESD, IDR, etc) records.

## Operator response

None.

## Module

cdmpirc.c

---

**DXC5501E** Program and Address parameters are mutually exclusive

### Explanation

The ZDMOD command was issued with both a program name and the ADDRESS parameter. These parameters are mutually exclusive.

### Operator response

Reissue the ZDMOD command with either a program name or the ADDRESS parameter.

## Module

cdmer1.c

---

**DXC5502E** Function and Address parameters are mutually exclusive

### Explanation

The ZDMOD command was issued with both the FUNCTION and the ADDRESS parameter. These parameters are mutually exclusive.

### Operator response

Reissue the ZDMOD command with either the FUNCTION or ADDRESS parameter.

## Module

cdmer1.c

---

**DXC5503E** Section and Address parameters are mutually exclusive

### Explanation

The ZDMOD command was issued with both the SECTION and the ADDRESS parameter. These parameters are mutually exclusive.

### Operator response

Reissue the ZDMOD command with either the SECTION or ADDRESS parameter.

## Module

cdmer1.c

---

**DXC5504E** Input message format incorrect. Enter ZDMOD HELP to see the correct format

### Explanation

The ZDMOD command was issued with incorrect operands.

### Operator response

Reissue the command using the correct syntax.

## Module

cdmer1.c

---

**DXC5505E** Program *pppppppp* contains no link map data

### Explanation

The routine used to gather mapping information about program *pppppppp* has not returned any data.

### Operator response

Contact IBM for programming assistance.

## Module

cdmer1.c

---

**DXC5506E** Unable to find module table entry for *pppppppp*

### Explanation

Program name *pppppppp* was specified on a ZDMOD command, but is not a correct program.

### Operator response

Reissue the ZDMOD command with a valid program name.

## Module

cdmer1.c

---

**DXC5507I** Install AM33370 to add support for ZDMOD command

### Explanation

You entered a ZDMOD command but the ZDMOD command is not installed on this system. Install APAR AM33370 to add support for ZDMOD. Both AM33370 and AM22459 are required for ZDMOD support.

## Module

cmod.asm

---

**DXC5508E**      **No match found in program  
pppppppp for function ffffffff**

## Explanation

The function name specified using the FUNCTION operand on the ZDMOD command was not found in any of the specified programs.

## Operator response

Reissue the ZDMOD command by widening your search using one or more wildcards. For example: use ZDMOD CMOD f-\*sort\* instead of ZDMOD CMOD f-sort or ZDMOD CMO\* f-sort instead of ZDMOD CMOD f-sort.

## Module

cdmer1.c

---

**DXC5509E**      **No match found in program  
pppppppp for section ssssssss**

## Explanation

The section name specified using the SECTION operand on the ZDMOD command was not found in any of the specified programs.

## Operator response

Reissue the ZDMOD command with a section name that will be found. You might want to widen your search by using a wildcard. For example: ZDMOD CMOD s-\*main\*.

## Module

cdmer1.c

---

**DXC5510E**      **ZDMOD Internal Error: Object  
Constructor failed for module  
mmmmmmmm**

## Explanation

An error has occurred during the process of gathering mapping information for module *mmmmmmmm*.

## Operator response

Verify that *mmmmmmmm* is a valid module. If the module is valid, contact IBM for assistance.

## Module

cdmer1.c

---

**DXC5511E**      **Not enough malloc storage  
available to process all link map  
data for program pppppppp**

## Explanation

A malloc() function failed.

## Operator response

Increase the amount of storage available to C/C++ programs by using the SCTGEN macro with the NBRISU and SUSIZE parameters.

## Module

cdmer1.c

---

**DXC5512E**      **Program containing address  
aaaaaaaa could not be found**

## Explanation

The address specified by the ADDRESS operand on a ZDMOD command does not reside within an identifiable program.

## Operator response

Reissue the ZDMOD command with an address that is within a loaded program.

## Module

cdmer1.c

---

**DXC5513E**      **No matching program could be  
found**

## Explanation

A ZDMOD command was issued with a wildcard character in the program name field but no matching programs were found.

## Operator response

Widen your search by entering the ZDMOD command again using wildcards that can result in more matches. For example: instead of using ZDMOD CMO\* f-sort, use ZDMOD CM\* f-sort or ZDMOD CMO\* f-\*sort\*.

## Module

cdmer1.c

---

**DXC5514I**      **The following programs contain matches**

**Explanation**

A ZDMOD command was issued with a wildcard character in the program name that matched more than one program. The list of possible matching programs follows.

**Operator response**

If you want information for a single program, reissue the ZDMOD command with operands that more completely identify the desired program. For example, if `zdmmod dxca*` yields more than one program and you want information on a single program the command `zdmmod dxca*2` may result in one program name and the desired information. Adding 2 to the end of the name specification describes the same subset as `dxca*` but further eliminates all programs except for those ending in 2.

**Module**

cdmain.c

---

**DXC5515E**      **Case and Address parameters are mutually exclusive**

**Explanation**

The ZDMOD command was issued using both the CASE and the ADDRESS parameters. These parameters are mutually exclusive.

**Operator response**

Reissue the ZDMOD command with either a CASE or the ADDRESS parameter but not both.

**Module**

cdmer1.c

---

## Chapter 9. ALCS Web Server and Hierarchical File System (HFS) messages: DXC6000-DXC6999

---

**DXC6001I**      **OK**

### Explanation

The ALCS HFS command completed normally.

---

**DXC6010E**      **Unknown command**

### Explanation

The input command is not supported by the ALCS hierarchical file system (HFS) application.

### User response

Correct the typing or syntax error and retry the command.

---

**DXC6011E**      **Incorrect command format**

### Explanation

The input command format is not correct.

### User response

Correct the typing or syntax error and retry the command.

---

**DXC6012E**      **Error processing command**

### Explanation

The ALCS hierarchical file system (HFS) application was unable to process the command. For example:

- You attempted to delete or rename a file that does not exist.
- You attempted to rename a file to the name of another existing file.
- The name you specified on a `cd` or `rd` command is not the name of a directory.

### User response

Retry the command using a valid HFS file name or directory name.

---

**DXC6013E**      **Unauthorized for this command**

### Explanation

You attempted to use the ALCS hierarchical file system (HFS) but your user ID is not authorized to issue commands which update the HFS.

### User response

If you believe you should be authorized to update the HFS, then contact the person in your organization who has responsibility for allocating user IDs and so on. This person may be called your security coordinator, your system programmer, or may have some other title.

---

**DXC6020E**      **Current directory invalid - reset to root**

### Explanation

The name recorded as your current directory is not valid. Another user may have deleted the directory.

### System action

Your current directory is reset to the root.

---

**DXC6030I**      **ALCS TCP/IP trace data**

### Explanation

This message is a normal response to a Web browser request to display the contents of the system TCP/IP trace block. See *ALCS Operation and Maintenance* for a full explanation of the trace display format.

---

**DXC6032I**      **No ALCS TCP/IP trace data to display**

### Explanation

This message is a normal response to a Web browser request to display the contents of the system TCP/IP trace block.

---

## Chapter 10. Responses to ALCS commands: DXC8000-DXC8999

---

### **DXC8001E**      **Invalid command format**

#### **Explanation**

You have made a general error in submitting the command. This is probably a typing error or a syntactical error. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

#### **Operator response**

Correct the typing or syntax error and retry the command.

---

### **DXC8002E**      **Unknown command**

#### **Explanation**

This command does not exist in ALCS. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

#### **Operator response**

Correct the typing or syntax error and retry the command.

---

### **DXC8003E**      **Wrong system state**

#### **Explanation**

ALCS is in the incorrect system state to perform this command.

#### **Operator response**

Change the ALCS system state with the ZASYS command or ask your system programmer to inform your IBM programming support representative.

---

### **DXC8004E**      **Not authorized to request this function -- Prime CRAS only**

#### **Explanation**

Self-explanatory.

#### **Operator response**

Try again from Prime CRAS.

---

### **DXC8005E**      **CRAS only**

#### **Explanation**

This command can only be issued from a CRAS terminal.

#### **Operator response**

Try again from a CRAS terminal.

---

### **DXC8006I**      **Request accepted**

#### **Explanation**

ALCS is processing your request normally.

---

### **DXC8007E**      **Unmatched parenthesis**

#### **Explanation**

Self-explanatory.

#### **Operator response**

Reissue the command using the correct syntax. You must use opening and closing parentheses for example ( *message* ).

---

### **DXC8008E**      **Parameter too long**

#### **Explanation**

Self-explanatory.

#### **Operator response**

Correct the typing or syntax error and retry the command.

---

### **DXC8009E**      **Keyword invalid or omitted**

#### **Explanation**

Self-explanatory.

#### **Operator response**

Correct the typing or syntax error and retry the command.

---

### **DXC8010E**      **Keyword too long**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8011E Unmatched quote**

## Explanation

You have used a single and a double quote in your syntax. You must use either *'command'* or *"command"*.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8012E Invalid keyword parameter**

## Explanation

You have entered an incorrect keyword parameter. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8013E Invalid positional parameter**

## Explanation

You have entered an incorrect positional parameter. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8015E Not authorized to request this function -- CRAS only**

## Explanation

Self-explanatory.

## Operator response

Try again from a CRAS terminal.

---

**DXC8016E Not authorized to request this function**

## Explanation

This function is only allowed from certain terminals.

## Operator response

Check which CRAS terminals are allowed to issue this command and retry from the correct CRAS terminal.

---

**DXC8017E CRI parameter invalid or omitted**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8018E CRN parameter invalid or omitted**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8019E Prime CRAS or AT1 - AT16 only**

## Explanation

This command must be issued from Prime CRAS or AT1 -- AT16 only.

## Operator response

Try again from the correct terminal.

---

**DXC8020E Required parameter omitted**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8021E Both parm1 and parm2 omitted**

## Explanation

You have entered a command that requires parameters and have failed to enter them or you have misspelled them.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8022E**      **Specified resource is not AT1 - AT16**

## Explanation

Self-explanatory.

## Operator response

Reissue the command after checking that the resource is one of AT1 -- AT16.

---

**DXC8023E**      **Unable -- Not allowed for cras\_type CRAS**

## Explanation

This command is not allowed from this CRAS. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8024E**      **Unable -- System state change in progress**

## Explanation

A system state change has not completed processing. ALCS will not process another state change request (except with the FORCE or RESET parameter) until system state change is complete.

## System action

ALCS will not accept this entry during a state change.

## Operator response

Wait until the state change is complete before retrying the command.

---

**DXC8025E**      **parm parameter invalid or omitted**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8026E**      **Invalid CRI/CRN specified**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8027E**      **parm parameter invalid**

## Explanation

You have used an incorrect parameter or you have misspelled the parameter.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8028I**      **OK**

## Explanation

The command is accepted.

## System action

ALCS continues processing normally.

---

**DXC8029I**      **Request completed**

## Explanation

ALCS has completed the process.

## System action

ALCS waits for the next entry.

---

**DXC8030E**      **Function inhibited by installation restriction**

## Explanation

This function cannot proceed because of a restriction to your installation imposed by the System Programmer.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8031E**      **Too many parameters specified**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8032E**      **Not enough parameters specified**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8033E**      **Invalid or omitted operand for keyword name**

## Explanation

ZASEQ seq,... (for example) can update the general sequential file definition with any correct keywords and then give this error response.

## Operator response

Use ZDSEQ to check the effect of the command. Correct the typing or syntax error and retry the command.

---

**DXC8034I**      *parm OK*

## Explanation

The command and the parameter have been accepted.

## System action

ALCS processes the command normally.

---

**DXC8035E**      **Program name invalid or omitted**

## Explanation

You have entered an incorrect program name.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8036E**      **System error**

## Explanation

An internal error has occurred in ALCS.

## Operator response

Inform your IBM programming support representative.

---

**DXC8037E**      **Program not loaded**

## Explanation

This application program is not available on your installation.

## Operator response

Inform your system programmer.

## System programmer response

Check the application program load list.

---

**DXC8038E**      **Comments are missing**

## Explanation

This command must include comments. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8039I**      **Started Progress messages on printer -- CRN-crn CRI-cri**

## Explanation

This is a normal response to an ALCS command. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8040E**      **Configuration table name invalid or omitted**

## Explanation

You have entered an incorrect configuration table name.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8041E**      **Unexpected keyword parameter**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8042E**      **File address invalid or omitted**

## Explanation

The address is not a valid 4-byte file address.

## Programmer response

Correct the error and try again.

---

**DXC8043E**      **Unable -- No ROCRAS printer**

## Explanation

ALCS is attempting to send output when the Read Only CRAS printer (ROC) is not assigned.

## Operator response

Assign the Read Only CRAS printer.

---

**DXC8044E**      **Invalid alternate CRAS number**

## Explanation

This is not an alternate CRAS which has been defined in the system configuration.

## Operator response

Inform your system programmer.

## System programmer response

Add this alternative CRAS to the ALCS generation. See *ALCS Installation and Customization* for detailed instructions.

---

**DXC8045I**      **Output on printer -- CRN-*crn* CRI-*cri***

## Explanation

This message is a normal response to the command ZDRIV.

---

**DXC8046E**      **Unable - No associated printer**

## Explanation

ALCS is attempting to send output when no printer has been associated with this display.

## Operator response

Check the syntax of your command; if in error, correct and retry. If syntax is correct, assign a printer to this display. Otherwise contact your system programmer.

---

**DXC8047I**      **Started**

## Explanation

ALCS has started the process.

## System action

ALCS continues to process the command normally.

---

**DXC8048I**      **Cancelled**

## Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8049I**      **Paused**

## Explanation

ALCS has made a temporary stop in the processing of a command.

## System action

ALCS waits before continuing to process the command.

---

**DXC8050I**      **Restarted**

## Explanation

ALCS continues to process the current entry after a temporary pause.

---

**DXC8051I**      **Being cancelled Progress message on printer - CRN-*crn* CRI-*cri***

## Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8052I**      **Being paused**

## Explanation

A process is being paused.

## System action

ALCS pauses and waits for the next entry.

---

**DXC8053I**      **Not active**

## Explanation

ALCS is not available to process the entry.

---

**DXC8054E**      **Seq file is not an output general seq file**

## Explanation

The command did not request an output general sequential file.

## Operator response

Use the ZDSEQ command to display the sequential file. If the information is correct then inform your system programmer.

## System programmer response

Check the ALCS sequential file generation.

---

**DXC8055E**      **Seq file is not an input general seq file**

## Explanation

The command did not request an output general sequential file.

## Operator response

Use the ZDSEQ command to display the sequential file. If the information is correct then inform your system programmer.

## System programmer response

Check the ALCS sequential file generation.

---

**DXC8056E**      **First parameter must be positional**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8057I**      **No message on file**

## Explanation

This is a normal response to ZSCRL when there is no message to scroll, and to ZSNDU when there is no unsolicited message to retrieve.

## Programmer response

Correct the typing or syntax error and retry the command.

---

**DXC8058E**      **Invalid numeric value**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8059E**      **Resource is not a terminal**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8061E**      **Application is not known to ALCS**

## Explanation

This application is not defined in the current ALCS generation.

## Operator response

Inform your system programmer.

## System programmer response

Check the communications generation. Add this application to the next generation. See *ALCS Installation and Customization* for further information.

---

**DXC8062E**      **Resource parameter invalid or omitted**

## Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8063E**      **Both *parm1* and *parm2* parameters specified**

### Explanation

The two parameters are mutually incompatible.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8064E**      **Sequential file *seq* not in configuration table**

### Explanation

*seq* is not the symbolic name of a sequential file.

### Operator response

Use ZDSEQ with no parameter to display the symbolic sequential file names.

---

**DXC8065E**      **Delimiter invalid or omitted**

### Explanation

You have typed an incorrect delimiter.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8066I**      **Parameter *parm* unknown**

### Explanation

This parameter is not accepted by ALCS.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8067I**      **Application name invalid or omitted**

### Explanation

You have typed an incorrect application name.

### Operator response

Use ZDCOM to display the application. Correct the typing or syntax error and retry the command.

---

**DXC8068E**      ***parm* parameter must be numeric**

### Explanation

You have typed incorrect parameter information.

### Operator response

Use ZDCOM to display the application. Correct the typing or syntax error and retry the command.

---

**DXC8069E**      **Sequential file name invalid or omitted**

### Explanation

The sequential file *seq* is either misspelled or does not exist.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8070E**      **Command rejected by installation-wide exit ACME**

### Explanation

ALCS called installation-wide exit program ACME because a keyword or positional parameter on the ZACOM command was not recognized. However, ACME was unable to process the command.

### Operator response

Correct the typing or syntax error and retry the command. If the problem persists, contact your system programmer.

### System programmer response

Correct your installation-wide exit program if necessary.

---

**DXC8071E**      **Command rejected by installation-wide exit ARO1**

### Explanation

ZROUT *appl* or ZACOM **APPL=appl** command was issued, but the installation-wide exit program ARO1 determined that the routing should not be completed.

## Operator response

Correct the typing or syntax error and retry the command. If the problem persists, contact your system programmer.

## System programmer response

Correct your installation-wide exit program if necessary.

---

**DXC8073E      GetHostByName for specified domain name failed**

## Explanation

An attempt to translate a domain name to an IP address using the TCP/IP GetHostByName() function has failed

## Operator response

Verify that the domain name was specified correctly.

---

**DXC8072E      Invalid screen size specified**

## Explanation

The screen size value entered is incorrect.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8080E      Direction parameter invalidated**

## Explanation

The direction parameter entered is invalid.

## Operator response

Correct the typing error and retry the command.

## Module

CGTZ

---

**DXC8081E      User parameter invalid**

## Explanation

The user parameter entered is invalid.

## Operator response

Correct the typing error and retry the command.

## Module

CGTZ

---

**DXC8082E      Begin parameter invalid**

## Explanation

The Begin parameter entered is invalid

## Operator response

Correct the typing error and retry the command.

## Module

CGTZ

---

**DXC8083E      End parameter invalid**

## Explanation

The end parameter entered is invalid.

## Operator response

Correct the typing error and retry the command.

## Module

CGTZ

---

**DXC8084W      No message found**

## Explanation

You entered a ZTRAC msg display command, but no message was found.

## Module

CGTY

---

**DXC8085E      Size parameter invalid**

## Explanation

The Size parameter entered is invalid.

## Operator response

Correct the typing error and retry the command.

## Module

CGTZ

---

**DXC8086E      Top parameter invalid**

### Explanation

The top parameter entered is invalid.

### Operator response

Correct the typing error and retry the command.

### Module

CGTZ

---

**DXC8087E**      **Begin/End parameters invalid**

### Explanation

The Begin - End range is incorrect.

### Operator response

Correct the typing error and retry the command.

### Module

CGTZ

---

**DXC8088I**      **normal response**

### Explanation

This a normal response to a ZTRAC msg display command.

### Module

CGTY

---

**DXC8089I**      **Normal response**

### Explanation

This a normal response to a ZTRAC msg display totals command.

### Module

CGTY

---

**DXC8090E**      **Max number of traces are active**

### Explanation

Eight traces are active at this moment

### Operator response

Stop a trace and retry the command.

### Module

CGTZ

---

**DXC8091E**      **Already active**

### Explanation

You tried to start a trace, which is already active.

### Operator response

Correct and retry the command.

### Module

CGTZ

---

**DXC8092E**      **Not enabled**

### Explanation

You entered a ZTRAC msg command, but the online message trace facility is not enabled.

### Operator response

Inform your system programmer if the online message trace facility must be enabled.

### System programmer response

See *ALCS Installation and Customization* information on the SCTGEN MSGTRACE parameter..

### Module

CGTZ

---

**DXC8093E**      **Not found**

### Explanation

You tried to stop, clear, or display a trace, which is not active.

### Operator response

Correct and retry the command.

### Module

CGTZ

---

**DXC8095W**      **No active traces**

### Explanation

You entered a ZTRAC msg display totals command, but no traces were active.

## Module

CGTY

---

**DXC8096E      Must be PRC or AT1-AT16**

## Explanation

You are not authorized to request this function.

## Operator response

Try again from either Prime CRAS or from alternate (AT1-AT16) CRAS.

## Module

CGTZ

---

**DXC8097E      Parameter entered more than once**

## Explanation

You entered a ZTRAC parameter more than once or you entered the mutually exclusive CRN and CRI parameters .

## Operator response

Correct and retry the command.

## Module

CGTZ

---

**DXC8100I      Invalid associated resource name**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8101I      Prime CRAS authority assigned, or alternate CRAS authority assigned**

## Explanation

Prime CRAS or alternate CRAS authority has been successfully assigned.

## System action

ALCS continues processing normally.

---

**DXC8102I      Resource is not authorized for CRAS status change**

## Explanation

You have tried to give CRAS status to a device and there is no SAF decision, but the device does not have sufficient CRAS authorization to allow the function.

## Operator response

Check that the CRN and CRI of the device you want to modify are correct. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. If CRAS authorization is required then contact your security administrator.

---

**DXC8103I      No change in CRAS status**

## Explanation

The device has not changed from one CRAS type to another.

## System action

ALCS continues processing normally.

---

**DXC8104I      Resource is not active**

## Explanation

You have tried to use a resource that is not currently available to the system. For example you have tried to direct output to a printer that is not switched on.

## Operator response

Check the status of the device you wish to use and then reissue the command.

---

**DXC8105I      Invalid channel number**

## Explanation

This SLC channel number does not exist. You have probably misspelled the channel number.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8106I      Invalid NEFLU CRN**

## Explanation

This NEFLU CRN does not exist. You have probably misspelled the entry.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8107I Invalid TOCRN CRN**

### Explanation

This CRN does not exist. You have probably misspelled the entry.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8108I Invalid shadow resource CRN**

### Explanation

This CRN does not exist. You have probably misspelled the entry.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8109I Invalid sequential file name**

### Explanation

You have typed an incorrect sequential file name.

### Operator response

Use ZDSEQ with no parameter to display the symbolic names.

---

**DXC8110I Invalid re-direction CRN**

### Explanation

This CRN does not exist. You have probably misspelled the entry.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8111I Logoff initiated Please wait -  
This can take up to 1 minute to  
complete**

### Explanation

The request to stop the TCP/IP resource has been accepted.

### System action

ALCS continues processing normally.

---

**DXC8112I AAA hold set on**

### Explanation

Terminal hold (sometimes called the message being processed indicator) is switched to on. The application can reject any further input messages from that terminal.

---

**DXC8113I AAA hold set off**

### Explanation

Terminal hold (sometimes called the message being processed indicator) is switched to off. The application can reject any further input messages from that terminal.

---

**DXC8114I Associated resource updated**

### Explanation

The ZACOM command has updated the information on the device as requested.

### System action

ALCS continues processing normally.

---

**DXC8115I Terminal routing updated**

### Explanation

The routing for input messages for this resource has been updated.

### System action

ALCS continues processing normally.

---

**DXC8116I Terminal routing removed**

### Explanation

The routing for input messages for this resource has been removed.

### System action

ALCS continues processing normally.

---

**DXC8117E Invalid member or list name**

### Explanation

Error response to the command ZACOM. The name of the communication configuration load list used in the command is incorrect.

### Operator response

Enter the command again with the correct name for the communication configuration load list.

---

**DXC8118I**      **Communication generation load module loaded**

### Explanation

This message is a normal response to the command ZACOM load.

### System action

ALCS continues processing normally.

---

**DXC8119I**      **Attention -- No entries in communication generation load module**

### Explanation

You have tried to load a communications generation load module that contains no entries.

### Operator response

Check with your system programmer that this is the correct load module.

---

**DXC8120I**      **Prime CRAS transferred**

### Explanation

The Prime CRAS has been successfully transferred to the new device.

### System action

ALCS continues processing normally.

---

**DXC8121I**      **RO CRAS transferred**

### Explanation

The RO CRAS has been successfully transferred to the new device.

### System action

ALCS continues processing normally.

---

**DXC8122I**      **Alternate CRAS updated**

### Explanation

The alternate CRAS status has been successfully assigned.

### System action

ALCS continues processing normally.

---

**DXC8123I**      **Logon initiated**

### Explanation

The request to log on the device has been accepted.

### System action

ALCS continues processing normally.

---

**DXC8124I**      **Resource set active**

### Explanation

The command to set the resource to active has successfully completed.

### System action

ALCS continues processing normally.

---

**DXC8125I**      **Logoff initiated**

### Explanation

The request to log off the device has been accepted.

### System action

ALCS continues processing normally.

---

**DXC8126I**      **Resource set inactive**

### Explanation

The resource has been set to inactive successfully.

### System action

ALCS continues processing normally.

---

**DXC8127I**      **Fallback candidate on**

### Explanation

The CRAS is now available as a fallback candidate.

### System action

ALCS continues processing normally.

---

**DXC8128I**      **Fallback candidate off**

### Explanation

The CRAS device is no longer available as a fallback candidate.

---

**DXC8129I**      **SLC channels processed**

### Explanation

The SLC channels have been processed as requested.

### System action

ALCS continues processing normally.

### Operator response

Use ZDCOM to display the SLC channel status.

---

**DXC8130I**      **Owning LU updated**

### Explanation

This message is a normal response to the command ZACOM NEFLU.

---

**DXC8131I**      **Error return from printer queue swing**

### Explanation

This message is a normal response to the command ZACOM TOCRN.

### Operator response

Retry the command or inform your system programmer.

---

**DXC8132I**      **Invalid alternate CRAS resource specified**

### Explanation

You have tried to give alternate CRAS status or authority to a device that is not suitable. AT1 to AT16 and AP1 to AP16 can be assigned to IBM 3270 terminals or NetView resources only.

### Operator response

Check that the CRN and CRI of the device you want to modify are correct. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8133I**      **Unable to obtain lock for an entry -- Retry**

### Explanation

This message is a normal response to the command ZACOM.

### System action

ALCS waits for you to resubmit the command.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8134I**      **Unable -- Invalid communication generation load module**

### Explanation

You have tried to load a communication load module that does not exist, or that has the wrong format. For example, the length of the user area in this load module differs from previous load modules.

### System action

ALCS waits for you to resubmit the command.

### Operator response

Correct the typing or syntax error and retry the command. Otherwise create a new load module with the correct format and load it.

---

**DXC8135I**      **Unable to load communication generation load module**

### Explanation

Self-explanatory.

### Operator response

Check the MVS console log for additional messages. Correct the typing or syntax error and retry the command.

---

**DXC8136I**      **Unable -- At least one entry in use**

### Explanation

The command cannot be processed because one entry is already in use.

### Operator response

Check the MVS console log for additional messages. Correct the typing or syntax error and retry the command.

---

**DXC8137I      Alternate CRAS status removed**

---

**Explanation**

Self-explanatory.

**System action**

ALCS continues processing normally.

---

**DXC8138I      Application is defined as permanently inactive**

---

**Explanation**

The application cannot be used as it has been marked as permanently inactive.

**Operator response**

Inform your system programmer.

**System programmer response**

Redefine this application as active.

---

**DXC8139I      Resource and associated resource are the same**

---

**Explanation**

A resource cannot have itself as its associated device.

**Operator response**

Select another device to be the associated device and retry the command.

---

**DXC8140I      Application is defined as permanently active**

---

**Explanation**

The application cannot be made inactive as it has already been defined as permanently active.

**Operator response**

Check with your system programmer and then redefine the application as not permanently active. You may then retry the command.

---

**DXC8141I      Invalid Prime CRAS resource specified**

---

**Explanation**

You have tried to give Prime CRAS status or authority to a device that is not suitable. Prime CRAS can be assigned to IBM 3270 terminals or NetView

resources only. Prime CRAS can not be assigned to test resources.

**Operator response**

Check that the CRN and CRI of the device you want to modify are correct. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8142I      Invalid RO CRAS resource specified**

---

**Explanation**

You have tried to give Read Only CRAS status to a device that is not suitable. Read Only CRAS can be assigned to IBM 3270 printers or NetView resources only. Read Only CRAS can not be assigned to a resource that is currently unusable.

**Operator response**

Check that the CRN and CRI of the device you want to modify are correct. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8143I      CRAS authorities removed**

---

**Explanation**

Prime CRAS and alternate CRAS (or alternate CRAS) authorities have been successfully removed.

**System action**

ALCS continues processing normally.

---

**DXC8144I      Application is already active**

---

**Explanation**

Self-explanatory.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8145I      Application is already inactive**

---

**Explanation**

Self-explanatory.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8146I      Unable -- Resource is already in session**

### Explanation

You are trying to start to communicate with a device that is already connected to ALCS.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8147I      Unable -- Resource is not in session**

### Explanation

The device is not connected to ALCS.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8148E      PRIORITY parameter must be in range 0 - 14**

### Explanation

This is an error response to the command ZACOM PURGE. Sixteen message queues exist but the operator can only purge queues with priorities 0 - 14.

### Operator response

Correct the typing and retry the command.

---

**DXC8149I      Specified CRN is reserved**

### Explanation

You cannot use this CRN because it is reserved.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8150I      Resource is not an SLC link**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8151I      Resource is not an ALCI terminal**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8152I      Unable -- Resource must be inactive**

### Explanation

ALCS cannot carry out the command because the resource you are trying to use must be inactive.

### Operator response

Change the status of the resource to inactive and then resubmit the command.

---

**DXC8153I      Resource is not a terminal, LU 6.1 link, or SLC link**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8154I      Resource is not a printer**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8155I      Resource is not an X25 PVC**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8156I      Resource is not an LU6.1 link**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8157I</b>	<b>Resource is not suitable for CRAS fallback</b>
-----------------	---

## Explanation

You have selected a device that cannot be used as a CRAS fallback. For example, alternate CRAS AT17 through AT255 cannot be used for CRAS fallback.

## Operator response

Check the CRI and CRN of the device; select a suitable device and resubmit the command.

---

<b>DXC8158I</b>	<b>Resource is not suitable for logon/logoff request</b>
-----------------	--

## Explanation

You have selected a device that cannot be used for logon/logoff requests. For example, alternate CRAS AT17 through AT255 cannot be used for CRAS fallback.

## Operator response

Check the CRI and CRN of the device; select a suitable device and resubmit the command.

---

<b>DXC8159E</b>	<b>Correct typing, or inactivate resource and retry</b>
-----------------	---

## Explanation

ALCS cannot carry out the command because the resource you are trying to use must be inactive or unusable.

## Operator response

Change the status of the resource and then resubmit the command.

---

<b>DXC8160I</b>	<b>Invalid shadow printer</b>
-----------------	-------------------------------

## Explanation

This device is not suitable as a shadow printer.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8161I</b>	<b>Specified shadow resource is not a printer</b>
-----------------	---

## Explanation

Self-explanatory.

## Operator response

Select a printer and resubmit the command.

---

<b>DXC8162I</b>	<b>Already on</b>
-----------------	-------------------

## Explanation

Redirection is already activated for this resource.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8163I</b>	<b>Already off</b>
-----------------	--------------------

## Explanation

Redirection has not yet been activated for this resource.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8164I</b>	<b>No shadow printers</b>
-----------------	---------------------------

## Explanation

You must first define a shadow printer before trying to send information to it.

## Operator response

Define a shadow printer using ZACOM and then retry the command.

---

<b>DXC8165I</b>	<b>Already maximum number of shadow printers</b>
-----------------	--

## Explanation

You are trying to define more shadow printers than the system will allow.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8166I**      **Specified resource is already a shadow printer**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8167I**      **No shadow printer found**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8168I**      **Invalid redirection printer**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8169I**      **Specified redirection resource is not a printer**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8170I**      **Specified resource already a redirection printer**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8171I**      **No redirection printer**

### Explanation

Self-explanatory.

### Operator response

Define a redirection printer and then retry the command.

---

**DXC8172I**      **No redirection printer found**

### Explanation

Self-explanatory.

### Operator response

Define a redirection printer and then resubmit the command.

---

**DXC8173I**      **Error on queue swing to redirection printer**

### Explanation

ALCS detected an error while moving message queues.

### Operator response

Inform your system programmer.

---

**DXC8174I**      **Resource CRN-*crn* Queues purged to sequential file *seq* -- Message count *number***

### Explanation

The message queues for the terminal have been copied to the sequential file *seq* and have been discarded. There were *number* messages in the queue.

---

**DXC8175I**      **Resource CRN-*crn* Message purged**

### Explanation

The current message being sent to the terminal, or the first message on the queue, has been discarded.

---

**DXC8176I**      **Resource CRN-*crn* Queues purged -- Message count *number***

## Explanation

The message queues for the terminal have been discarded. There were *number* messages on the queue.

---

**DXC8177I**      **Resource CRN-*crn* Message repeated**

## Explanation

This message is a normal response to the command ZACOM REPEAT.

---

**DXC8178I**      **From resource CRN-*crn* To resource CRN-*crn* Queue swing complete**

## Explanation

The message queues have been moved.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8181I**      **Resource CRN-*crn* No message queued**

## Explanation

This message is a normal response to the command ZACOM.

## Operator response

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8182I**      **Resource CRN-*crn* Reset**

## Explanation

This message is a normal response to the command ZACOM RESET.

## System action

ALCS continues processing normally.

---

**DXC8183I**      **From resource CRN-*crn* To resource CRN-*crn* Error during queue swing**

## Explanation

ALCS detected an error while moving the message queues.

## Operator response

Inform your system programmer.

---

**DXC8184I**      **Timeout value must be in range 1-120 seconds**

## Explanation

Self-explanatory.

## System action

Correct the typing or syntax error and retry the command.

---

**DXC8185I**      **Retry counter must be in range 1-64**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8186I**      **Input window must be in range 1-64**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8187I**      **Output window must be in range 1-64**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8188I**      **Disconnect resource then retry**

## Explanation

An error has occurred while trying to carry out this command.

## System action

Correct the typing or syntax error and retry the command.

---

**DXC8189I** Enter ZACOM CLEAR then retry

## Explanation

An error has occurred while trying to carry out this command.

## Operator response

Use ZACOM CLEAR then retry the command.

---

**DXC8190I** Resource CRN-*crn* RCR message queue has been purged

## Explanation

This message is a normal response to the command ZACOM.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8191I** Resource CRN-*crn* RCR message queue item *number* has been purged

## Explanation

This message is a normal response to the command ZACOM.

---

**DXC8192I** Resource CRN-*crn* RCR message queue has been reset

## Explanation

This message is a normal response to the command ZACOM.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8193I** Resource CRN-*crn* Unable -- Message in progress

## Explanation

This command cannot be completed because a message is still being processed.

## Operator response

Retry the command.

---

**DXC8194I** Resource CRN-*crn* No message to repeat

## Explanation

This message is a normal response to the command ZACOM REPEAT.

---

**DXC8195I** User ID-*user-id* is not authorized for Prime CRAS status

## Explanation

The user *user-id* does not have the SAF authority to be Prime CRAS.

## System action

ALCS continues processing normally.

## Operator response

If Prime CRAS authorization is required for the user contact your security administrator.

---

**DXC8196I** User ID-*user-id* is not authorized for alternate CRAS status

## Explanation

The user *user-id* does not have the SAF authority to be alternate CRAS.

## System action

ALCS continues processing normally.

## Operator response

If alternate CRAS authorization is required for the user contact your security administrator.

---

**DXC8200I** *normal response*

## Explanation

This message is a normal response to the command ZACOR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8201I** *normal response*

## Explanation

This message is a normal response to the command ZDCOR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8202I**      *normal response*

## Explanation

This message is a normal response to the command ZAFIL. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8203I**      **Invalid displacement or length**

## Explanation

A ZAFIL request is attempting to alter data beyond the end of the record. The starting displacement is incorrect.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8204I**      **Invalid data length**

## Explanation

For ZACOR command, the maximum data length is 8 bytes (16 hexadecimal digits) when the alteration starts on a fullword boundary. For ZAPRG and ZAFIL commands, the maximum data length is 16 bytes (32 hexadecimal digits) when the alteration starts on a fullword boundary. The maximum length reduces by 2 digits for each byte displacement from a fullword boundary.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8205I**      **Invalid data**

## Explanation

Data must be hexadecimal, an even number of up to 32 digits.

---

**DXC8206I**      **Comments are too long or too short**

## Explanation

Comments must be from 6 to 40 characters.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8207I**      **Storage access violation**

## Explanation

Alter request is for a storage area that is write protected.

## Operator response

Use ZACOR or ZAPRG to alter the application global area or programs loaded in test mode only.

---

**DXC8208I**      **DASD I/O error**

## Explanation

A DASD I/O error occurred while attempting to read or write the specified record.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8210I**      **Change not allowed Class/type/ordinal mismatch with file address**

## Explanation

ZAFIL You are trying to change a database record. However the file address used does not match the file address and ordinal of the record.

## System action

ALCS terminates the entry.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8211I**      **Crosses double word boundary**

## Explanation

Any command to change storage must not cross a double word boundary.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8212I**      **Global label not recognized**

## Explanation

Global label does not appear in any of the global area tag exit programs AGT0, AGT1, and so on. *ALCS Installation and Customization* describes how to specify fields in the application global area.

## Operator response

Correct the typing or syntax error and retry the command. Or inform your system programmer.

---

**DXC8213I**      **No matching entry for program name and CRI/CRN**

## Explanation

The alter request is for a test program that this terminal does not own.

## Operator response

Enter: ZDPRG *program\_name* to display the program name and status.

---

**DXC8214I**      **Invalid displacement**

## Explanation

A ZAFIL or ZAPRG request is attempting to alter data beyond the end of the record or program. The starting displacement is incorrect.

## Operator response

Retry the operation with the correct displacement.

---

**DXC8215I**      **Global not loaded**

## Explanation

A ZDCOR command refers to a global tag but the global is not loaded.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8216I**      **Invalid address**

## Explanation

Either the address is missing, or it is not hexadecimal.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8217I**      **Invalid alter request -- Segment is in Read Only storage**

## Explanation

Alter is allowed only for test programs.

## Operator response

Enter ZDPRG *program\_name* to display the program name and its status.

---

**DXC8218I**      **Invalid record type or ordinal**

## Explanation

ALCS has not located a record type or an ordinal that you expected.

## Operator response

Check the ALCS DASD generation for a list of valid record types and ordinal numbers.

---

**DXC8219I**      *normal response*

## Explanation

This message is a normal response to the command ZDFIL. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8220I**      *normal response*

## Explanation

This message is a normal response to the command ZAPRG. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8221I**      *normal response*

## Explanation

This message is a normal response to the command ZDPRG. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8222I**      *normal response*

## Explanation

This message is a normal response to the command ZDFIL. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8225I**      **Record not yet allocated**

## Explanation

The file address has been defined to the system but no record has yet been allocated on the database.

You are trying to display a fixed file or short-term pool record that has been defined in the database generation, but which has not been created on the database. When new fixed file or short-term pool records are defined in the database generation, they will be created on the database when a program (other than the ZDFIL programs) tries to access them.

---

**DXC8226E**      **Not authorized to change this record**

## Explanation

You are trying to change a record which is part of the internal structure of the ALCS system. Only the system is authorized to change this record.

---

**DXC8231I**      *normal response*

## Explanation

This message is a normal response to the command ZAFIL. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8232I**      *normal response*

## Explanation

This message is a normal response to the command ZDFIL. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8233I**      *normal response*

## Explanation

This message is a normal response to the command ZDFIL. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8235I**      **ALCS State change from *name* to *name* starting**

## Explanation

This message is a normal response to the command ZASYS.

---

**DXC8236I**      **ALCS already in *name* state**

## Explanation

ALCS is already in the system state you have requested it to change to.

## Operator response

Check the ZASYS request and resubmit it specifying a different system state to *name*.

---

**DXC8237I**      **Utilities active**  
...  
**State change request rejected**

## Explanation

You have requested a state change with ZASYS when utilities are active. The command is rejected.

## Operator response

Resubmit the request with the option to bypass the utility check or halt the utilities and resubmit the original command.

---

**DXC8238I**      **ALCS in *name* state**

## Explanation

This message is a normal response to the command ZASYS.

## Operator response

Confirm that the next thing you want to do is possible while ALCS is in *name* state. If not then change the ALCS state with the ZASYS command.

---

**DXC8239I**      **ALCS state change from *name* to *name* in progress**

## Explanation

A system state change has not completed processing. ALCS will not process another state change request (except with the FORCE or RESET parameter) until system change state is complete.

## Operator response

Wait until the state change is complete before retrying the ZASYS command. Enter ZASYS *name*,RESET if a previous system state change entry has failed or is held up with the state change incomplete.

---

**DXC8240I**      ***name* is not a valid ALCS state name**

## Explanation

You have probably misspelled the state name.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8242I      RESET failed -- ZASYS entry active**

### Explanation

Self-explanatory.

### Operator response

Wait until ALCS has completed the state change that is currently in operation and then try again.

---

**DXC8243I      FORCE not allowed -- RESET not yet tried**

### Explanation

You must try to reset ALCS before resorting to the FORCE parameter.

### Operator response

See your system programmer and explain what has happened. Resubmit the request using the ZASYS RESET.

---

**DXC8244I      State change not in progress**

### Explanation

ALCS expected a state change to be in progress.

### Operator response

Use ZASYS. Correct the typing or syntax error and retry the command.

---

**DXC8245I      System state indicator corrupted**

### Explanation

An internal error has occurred.

### Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8246I      System state change or pending indicator corrupted**

### Explanation

An internal error has occurred.

### Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8249I      Normal response**

### Explanation:

This message is a response to the ZBCOR command. See ALCS Operation and Maintenance for a full explanation of the command response.

---

**DXC8250I      Map changes started**

### Explanation

ALCS is processing the request to change the map currently being used.

### System action

ALCS continues to process normally.

---

**DXC8251I      Added map to map list -- Name-mapname**

### Explanation

The new map is added to the ALCS real-time database from the MVS sequential file.

### System action

ALCS continues to process normally.

---

**DXC8252I      Deleted map from map list -- Name-mapname**

### Explanation

The map has been deleted from the ALCS real-time database.

### System action

ALCS continues to process normally.

---

**DXC8253I      Replaced map on map list -- Name-mapname**

### Explanation

The new map has overwritten the old map of the same name on the ALCS real-time database.

### System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8254I**      **Map changes ended**

### Explanation

The command has completed successfully, the map is changed.

### System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8255I**      **ADD -- Sequential file name  
invalid or omitted**

### Explanation

This message is an error response to the command ZCMSP.

### Operator response

Reenter the command with a valid file name.

---

**DXC8256I**      **Map name invalid or omitted**

### Explanation

Self-explanatory.

### Operator response

Reenter command with a valid map name.

---

**DXC8257I**      **mapname1 mapname2**

### Explanation

This message is a normal response to the command ZCMSP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8258I**      **No map records found**

### Explanation

This message is a normal response to the command ZCMSP LIST.

---

**DXC8259I**      **No matching map records found**

### Explanation

This message is a normal response to the command ZCMSP LIST, FROM=nnnnnn,TO=nnnnnn.

---

**DXC8260I**      **Workstation trace not active for  
this terminal**

### Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8261I**      **Workstation trace active for this  
terminal**

### Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8262E**      **Invalid IP address**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8263E**      **Invalid domain name**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8264I**      **OK**

### Explanation

The ZTRAC CEP, START | STOP command is accepted.

### System action

Processing continues.

---

**DXC8265I**      **CEP trace on**

### Explanation

This message is a normal response to the ZTRAC CEP command.

### System action

Processing continues.

---

**DXC8266I**      **CEP trace off**

## Explanation

This message is a normal response to the ZTRAC CEP command.

## System action

Processing continues.

---

**DXC8267E Invalid DECB address**

## Explanation

This message is an error response to ALCS conversational trace commands which refer to DECBs.

## System action

Processing continues.

---

**DXC8268I Diag trace started**

## Explanation

This message is a normal response to the ZTRAC command.

## System action

Processing continues.

---

**DXC8269I Diag trace stopped**

## Explanation

This message is a normal response to the ZTRAC command.

## System action

Trace processing completes.

---

**DXC8273I normal response**

## Explanation

This message is a normal response to the command ZDSER Edt. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8274E No matching Entries Found**

## Explanation

This is an error response to the command ZASER EDT=DEL. There are no matching entries in the Exception Dump Table. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8275I normal response**

## Explanation

This message is a normal response to the command ZDSER Ddt and shows entries in the Duplicate Dump Table. If the duplicate dump system error option DUPE=YES is current, then the response shows the table when DUPE=YES was activated.

---

**DXC8278I No entries in Duplicate Dump Table**

## Explanation

Self-explanatory. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8279I normal response**

## Explanation

This message is a normal response to the command ZDSER Edt.

---

**DXC8282I No entries in Exception Dump Table**

## Explanation

Self-explanatory. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8283E Program and/or Error number already exists**

## Explanation

This is an error response to the command ZASER EDT=ADD. The program and/or Error number already exists in the Exception Dump Table. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8284E Exception Dump Table Full**

## Explanation

This is an error response to the command ZASER EDT=ADD. There are no spare entries in the Exception Dump Table. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Delete some entries in the Exception Dump Table and retry the command.

---

**DXC8285I**      **Data Collection already active**

## Explanation

Self-explanatory.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8286I**      **Data Collection not active**

## Explanation

Self-explanatory.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8287I**      **Following data collection options**  
*name number*

## Explanation

The options specified *name number* have begun data collection.

## System action

ALCS collects data, the data-collection output is sent to the data-collection file. If no data-collection file has been specified then the output is sent to the ALCS diagnostic file.

---

**DXC8288I**      **Data collection stopped**

## Explanation

Data collection has stopped after receiving a ZDCLR STOP command.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8289I**      *normal response*

## Explanation

This message is a normal response to the command ZDECB CPU. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8290I**      **Ws and Conv trace is now active**

## Explanation

This message is a normal response to the ZTRAC command.

## System action

Processing continues.

---

**DXC8291I**      **Ws and Conv trace is now inactive**

## Explanation

This message is a normal response to the ZTRAC command.

## System action

Trace processing completes.

---

**DXC8292I**      **Minimum age parameter invalid**

## Explanation

The minimum age parameter is set up at generation time in the SCTGEN macro.

## Operator response

Ask the system programmer to confirm the minimum age and then resubmit the command.

---

**DXC8293I**      **Entries older than *number***  
**second(s) with at *number***  
**second(s) CPU -- None**

## Explanation

Self-explanatory.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8294I**      *normal response*

## Explanation

This message is a normal response to the command ZDEC CPU=c. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8295I**      **Program *program\_name* started  
Output on printer -- CRN-*crn***

## Explanation

This message is a normal response to the command ZDRIV.

---

**DXC8296I**      **Program *program\_name* not  
loaded**

## Explanation

This program *program\_name* is not available to the requesting terminal.

## Operator response

Check the program load list and then retry the operation.

---

**DXC8297I**      **Program completed**

## Explanation

This message is a normal response to the command ZDRIV.

---

**DXC8298I**      **Program *program\_name* started**

## Explanation

This message is a normal response to the command ZDRIV.

---

**DXC8300E**      **Invalid pool identifier**

## Explanation

The pool identifier, if specified, must be LsLTpool where Ls identified the record size.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8301E**      **Invalid record identity**

## Explanation

The record ID is not defined for the LsLTpool or, the LsLTpool parameter was omitted, (where Ls is the record size) for any long-term pool file.

## System programmer response

Check the ALCS DASD generation stage 1 output for a list of record IDs defined for the long-term pool files.

---

**DXC8302E**      **Pool file *file\_name* does not exist**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8303E**      **No pool file activity allowed -- Pool  
dispense function active**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8304E**      **DASD I/O error -- Try again**

## Explanation

An I/O error occurred while trying to read the record.

## Operator response

If this recurs investigate the I/O error.

---

**DXC8305E**      **Multiple record sizes -- Specify  
pool identifier**

## Explanation

The record ID is defined for more than one long-term pool file.

## Operator response

Check the ALCS DASD generation stage-1 output for a list of all pool files and record IDs and reenter the ZGAFA command, adding the *LsLT* parameter to specify which record size you require.

---

**DXC8306I** *file\_address*

### Explanation

This message is a normal response to the command ZGAFA. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8307E** **Invalid record ID qualifier**

### Explanation

The record ID qualifier must be a single digit between 0 and 9

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8312I** *topic* **Help not available -- try:**  
**ZHELP INDEX**

### Explanation

Help is not available for the topic you specified.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8316I** **End**

### Explanation

This message is a normal response to the command ZLTST.

---

**DXC8317E** **Link test failed**

### Explanation

This is an error response to ZLTST.

### Operator response

Correct the typing or syntax error and retry the command. If this recurs investigate the problem.

---

**DXC8319E** **Invalid test test**

### Explanation

You have entered an invalid test on the ZLTST command. See *ALCS Operation and Maintenance* for a full description of the tests.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8320E** **Invalid command code n**

### Explanation

You have entered an invalid command code on the ZLTST command. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8321E** **Invalid numeric parameter number**

### Explanation

You have entered an invalid parameter on the ZLTST command. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8322I** *normal response*

### Explanation

This is a normal response message to the ZLTST command. See *ALCS Operation and Maintenance* for a full description of the responses.

---

**DXC8323E** **Command not implemented -- ccc**

### Explanation

This is an error response to the ZLTST command. It is not possible to run an SLC test. See *ALCS Operation and Maintenance* for a full description of the tests.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8324E** **Illogical command -- ccc**

### Explanation

This is an error response to the ZLTST command. You cannot run an SLC test using command ccc. See *ALCS*

*Operation and Maintenance* for a full description of the tests.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8325E      Error displaying module table -- Display cancelled**

### Explanation

An internal error has occurred.

### Operator response

Check that you have entered the correct module table. If this message occurs frequently, inform your system programmer.

---

**DXC8326E      Unknown module name**

### Explanation

Self-explanatory.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8327E      Load failed -- Module load table full**

### Explanation

Self-explanatory.

### Operator response

Update the program configuration table to increase the number of modules expected in the system. Assemble and link-edit the program configuration table, restart ALCS and try again.

---

**DXC8328E      Load failed -- Duplicate module name**

### Explanation

You have tried to load two modules with the same name.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8329E      Load failed -- Error during module load Return Code X'*return\_code*' Reason code X'*reason\_code*'**

### Explanation

MVS failed to load the module.

### Operator response

See *MVS Messages and Codes* manual for an explanation of the return and reason codes. Check that the module is in the application program load module library that is defined in the JCL to run ALCS.

---

**DXC8330E      Load failed Invalid program module format -- Offset X'*nnnnnn*'**

### Explanation

The application program load module contains data at offset X'*nnnnnn*' that is not a valid ALCS application program.

### Operator response

Ask your system programmer to check the linkage editor listing for the module.

---

**DXC8331E      Load failed -- Program table full**

### Explanation

Self-explanatory.

### Operator response

Update the program configuration table to increase the number of programs expected in the system. Assemble and link-edit the program configuration tables, restart ALCS and try again.

---

**DXC8332I      Test module MODN-module unload started by CRN1-*crn1* for CRN2-CRN2**

### Explanation

This message is a normal response to command ZPCTL.

---

**DXC8333E      Can not unload a permanent module**

### Explanation

It is not possible for ALCS to unload a module that has been specified as permanently loaded.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8334E      Unload not attempted**

## Explanation

You can only use UNLOAD FORCE after an attempt to UNLOAD fails.

## Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8335E      Programs in use**

## Explanation

UNLOAD cannot complete because one or more 24-bit addressing mode programs within the module are in use.

## Operator response

Attempt the operation later.

---

**DXC8336I      Module MODN-module unload started by CRN-crn**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8337I      Module MODN-module unload force started by CRN-crn**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8338E      Can not promote or confirm a test module**

## Explanation

Program load modules that are loaded as test modules can not be confirmed or promoted (committed). This error message can also be output if you have tried to confirm a load module that has been loaded both as a test module and a system-wide module. You can not confirm a load module that is loaded both as a test module and a system-wide module.

## Operator response

If the load module has been loaded both as a test module and a system-wide module, unload the test module (using the ZPCTL UNLOAD, module, CRN=crn or ZPCTL UNLOAD, module, CRI=cri command) and then retry the ZPCTL CONFIRM command.

---

**DXC8339E      Module already permanent**

## Explanation

You have tried to make a module permanent when it is already defined as permanent.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8340I      Module MODN-module loaded by CRN-crn**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8341I      Module MODN-module committed by CRN-crn**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8342I      Module MODN-module unloaded for CRN-crn**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8343E      Load module name omitted**

## Explanation

You have not included the module name in the ZPCTL command.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8344E      Module MODN-module confirmed by CRN-crn**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8345I**      *normal response*

## Explanation

This is a normal response to the ZPCTL DISPLAY command. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8346I**      **Test module MODN-module unload force started by CRN1-crn1 for CRN2-crn2**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8347I**      **Test module MODN-module loaded by CRN1-crn1 for CRN2-crn2**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8349I**      **Module MODN-module unloaded for System**

## Explanation

This message is a normal response to the command ZPCTL.

---

**DXC8350I**      **SE-nnnnnn CTL-000000  
PSW-pppppppp pppppppp  
VOLUME=volser DSNAME=dsname  
MSG='ZDUMP <ALL> text**

## Explanation

This message is a normal response to the command ZDUMP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8355I**      **Purge request accepted**

## Explanation

This message is a normal response to the command ZPURG.

---

**DXC8356E**      **ECB address invalid or omitted**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8357I**      **All VFA records purged**

## Explanation

This message is a normal response to the ZPURG VFA command. It appears on RO CRAS and on your terminal.

---

**DXC8358E**      **FORCE not allowed -- ZPURG not yet tried**

## Explanation

You must try to purge the entry with the ZPURG *ecb\_address* command before resorting to the ZPURG Force parameter.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the command.

---

**DXC8360I**      **Message from CRN-crn CRI-cri**

## Explanation

This message is a normal response to the command ZRCRS.

---

**DXC8361I**      **Message sent to CRN-crn**

## Explanation

This message is a normal response to the command ZRCRS.

---

**DXC8362E**      **Unable -- CRAS terminal must be specified**

## Explanation

This message is an error response to command ZRCRS.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8367I**      **Being paused by system state change**

## Explanation

A ZASYS command has been issued; Recoup will stop until the system state change has completed and a restart command is issued.

## Operator response

Issue the restart command after the system state change is completed.

---

**DXC8368I Restart awaited**

## Explanation

ALCS has failed and is waiting for a ZRECP command.

## Operator response

Issue a ZRECP RESTART command.

---

**DXC8369E Analysis file open error -- Recoup not (re)started**

## Explanation

An internal error has occurred and Recoup will not restart.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8370I Chain chase complete**

## Explanation

This message is a normal response to the command ZRECP.

---

**DXC8371I Directory build complete**

## Explanation

This message is a normal response to the command ZRECP.

---

**DXC8372E Let active utilities finish**

## Explanation

This message is an error response to command ZRECP.

## Operator response

Try again when the utilities complete.

---

**DXC8373E General file GF-000 not available -- Recoup continues**

## Explanation

Although Recoup cannot find the general file it will continue processing.

## Operator response

Inform your system programmer.

---

**DXC8374E General file GF-000 full -- Recoup continues**

## Explanation

Self-explanatory.

## Operator response

Inform your system programmer.

---

**DXC8375E General file GF-000 I/O error -- Recoup continues**

## Explanation

An I/O error has occurred; however the Recoup run continues

## Operator response

Inform your system programmer.

---

**DXC8376E No group of this name**

## Explanation

You have specified a group name that does not exist.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8377W Too many reads this group -- Group continues**

## Explanation

There are more records chained from one record than expected. Either there is an error in the descriptor program (the COUNT parameter of the GROUP macro must specify a larger value), or there is an error in the database (a chain is too long).

See *ALCS Installation and Customization* for an explanation of GROUP macro operands.

## System action

Recoup continues to process records chained within this group (that is, within this chain).

## Operator response

Inform your system programmer.

---

**DXC8378W**      **Too many reads this prime group --  
Prime group continues**

## Explanation

There are more records chained from one prime group record than expected. Either there is an error in the descriptor program (the PRIMECT parameter of the GROUP macro must specify a larger value), or there is an error in the database (a structure contains too many records).

See *ALCS Installation and Customization* for an explanation of GROUP macro operands.

## System action

Recoup continues to process records chained from this prime group record (that is, within this structure).

## Operator response

Inform your system programmer.

---

**DXC8379W**      **Pool record chain chased twice**

## Explanation

The database contains two (or more) references to the same pool record. The DUPREAD parameter of the GROUP macro specifies that this is an unexpected (error) condition.

See *ALCS Installation and Customization* for an explanation of GROUP macro operands.

## System action

Recoup stops processing records within this group (that is, within this chain).

## Operator response

Inform your system programmer.

---

**DXC8380E**      **Maximum nesting level exceeded**

## Explanation

This is an ALCS Recoup implementation restriction. Recoup cannot process a group because it is nested within too many other groups.

## System action

Recoup does not process records within this group (that is, within this chain). These records (and other records that they refer to) will be reported as "lost addresses" and eventually reused.

## Operator response

Ask your system programmer to inform your IBM programming support representative. Avoid running Recoup again until this problem has been resolved.

---

**DXC8381E**      **Fixed mode run complete**

## Explanation

This message is a normal response to the command ZRECP.

---

**DXC8382I**      **Partial run complete**

## Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8383I**      **Invalid backchain information**

## Explanation

There is a mistake in the descriptor program.

## Operator response

Run Recoup as soon as the descriptor program has been corrected.

---

**DXC8384E**      **Unable to store group address --  
unknown RECID**

## Explanation

A group with METHOD=ID specifies a record ID that is not known to ALCS.

See *ALCS Installation and Customization* for an explanation of METHOD=ID.

## System action

Recoup ignores the group.

## Operator response

Inform your system programmer.

---

**DXC8385E      Unable to load group address --  
                  unknown RECID**

## Explanation

An index with GROUP=(ID) specifies a reference to a record ID that is not known to ALCS.

See *ALCS Installation and Customization* for an explanation of GROUP=(ID).

## System action

Recoup does not process the refer-to record. The refer-to record (and other records it refers to) will be reported as "lost addresses" and eventually reused.

## Operator response

Inform your system programmer. Avoid running Recoup again until this problem has been resolved.

---

**DXC8386I      Analysis file closed -- Recoup  
                  continues**

## Explanation

Self-explanatory.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8387E      Missing descriptor program --  
                  Recoup continues**

## Explanation

One of the descriptor programs is missing.

## System action

Recoup continues processing.

## Operator response

Inform your system programmer.

---

**DXC8388E      FACE error in prime group --  
                  Recoup continues**

## Explanation

Recoup has found an invalid record ordinal in a record.

## System action

Recoup continues processing.

## Operator response

Inform your system programmer.

---

**DXC8389E      RECID not found in prime group --  
                  Recoup continues**

## Explanation

The descriptor program has specified a record ID in the global area which Recoup cannot find.

## System action

Recoup continues processing

## Operator response

Inform your system programmer.

---

**DXC8390E      Invalid file address in prime group --  
                  -- Recoup continues**

## Explanation

Recoup has found an invalid file address in the global area.

## Operator response

Run Recoup as soon as the descriptor program has been corrected.

---

**DXC8391E      Invalid record ordinal in record --  
                  Recoup continues**

## Explanation

Recoup has found an invalid FACE ordinal in a record.

## System action

Recoup continues processing.

---

**DXC8392E      Invalid CRI in record -- Recoup  
                  continues**

## Explanation

Recoup has found an invalid CRI in a record.

## Operator response

Run Recoup as soon as the descriptor program has been corrected.

---

**DXC8393E      Too many reads this group --  
Group terminated**

### Explanation

There are more records chained from one record than expected. Either there is an error in the descriptor program (the COUNT parameter of the GROUP macro must specify a larger value), or there is an error in the database (a chain is too long).

See *ALCS Installation and Customization* for an explanation of GROUP macro operands.

### System action

Recoup stops processing records within this group (that is, within this chain). Any remaining records in the chain (and other records that they refer to) will be reported as "lost addresses" and eventually reused.

### Operator response

Inform your system programmer. Avoid running Recoup again until this problem has been resolved.

---

**DXC8394E      Too many reads this prime group --  
Prime group terminated**

### Explanation

There are more records chained from one prime group record than expected. Either there is an error in the descriptor program (the PRIMECT parameter of the GROUP macro must specify a larger value), or there is an error in the database (a structure contains too many records).

See *ALCS Installation and Customization* for an explanation of GROUP macro operands.

### System action

Recoup stops processing records chained from this prime group record (that is, within this structure). Any remaining records in the structure (and any other records that they refer to) will be reported as "lost addresses" and eventually reused.

### Operator response

Inform your system programmer. Avoid running Recoup again until this problem has been resolved.

---

**DXC8395E      Partial run -- Prime group not  
found**

### Explanation

There is a mistake in the descriptor program, Recoup cannot find the Prime group.

### Operator response

Run Recoup as soon as the descriptor program has been corrected.

---

**DXC8396E      No group of this name**

### Explanation

There is a mistake in the Descriptor program, Recoup cannot find a group.

### Operator response

Run Recoup as soon as the descriptor program has been corrected.

---

**DXC8397E      I/O error at start of chain**

### Explanation

An I/O error has occurred at the start of a chain chase.

### Operator response

Run Recoup as soon as the descriptor program has been corrected.

---

**DXC8398I      Recoup pause timeout - I/O error  
at start of chain**

### Explanation

You requested ZRECP PAUSE and ALCS has instructed Recoup to stop processing, but 15 seconds later there are still Recoup ECBs active. This message is repeated every 15 seconds until pause completes.

### Operator response

Enter ZDECB and attempt to discover why pause will not complete. This is usually because MVS or ALCS is extremely busy, and Recoup is running slowly. If you cannot wait for pause to complete, then contact your system programmer who will advise you how to terminate any stuck ECBs, or enter ZRECP CANCEL. However if you cancel Recoup you will be unable to restart it from the point which it has currently reached.

---

**DXC8399W      Directory build \*\* BAD \*\* -  
GF-000 I/O error, full or offline**

## Explanation

The Recoup general file, GF-000, was not available for the whole of Recoup chain-chase. The result is that not all the in-use records have their directory bits set. The records are safe because ALCS uses the timestamps in the records to check the availability of the records.

System performance will be slightly degraded because ALCS uses more CPU cycles and I/O scanning for available records and generating pool error records.

## Operator response

Inform your System Programmer.

## System programmer response

Determine why the Recoup general file is not available and make it available. Run a full Recoup (ZRECP START) as soon as possible to correct the directories.

---

**DXC8400E**      **Invalid START request**

## Explanation

You requested ZRECP START but Recoup is already running.

## Operator response

Wait until the current Recoup run completes before trying the command again.

---

**DXC8401E**      **Invalid CANCEL request**

## Explanation

You requested ZRECP CANCEL but Recoup is already cancelled or paused.

---

**DXC8402E**      **Invalid PAUSE request**

## Explanation

You requested ZRECP PAUSE but Recoup is already in a paused state.

---

**DXC8403E**      **Invalid RESTART request**

## Explanation

You requested ZRECP RESTART but Recoup is not paused.

---

**DXC8404I**      *normal response*

## Explanation

This message is a normal response to the command ZRECP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8405I**      *normal response*

## Explanation

This message is a normal response to the command ZRECP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8406I**      *normal response*

## Explanation

This message is a normal response to the command ZRECP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8407I**      *normal response*

## Explanation

This message is a normal response to the command ZRECP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8408I**      *normal response*

## Explanation

This message is a normal response to the command ZRECP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8409I**      *normal response*

## Explanation

This message is a normal response to the command ZRECP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8410W**      **Unable to create new directories  
Ln data sets offline**

## Explanation

ALCS is attempting to create a new Ln pool size but the data sets are offline.

## System action

Recoup continues but the new pool size is not created.

---

**DXC8411W**      **Unable to create recoup bitmap  
data space - Recoup continues**

## Explanation

ALCS has encountered an error attempting to create a data space to hold a bitmap to indicate which records have been processed.

## System action

Recoup continues and will occasionally retrieve a record it has already processed. This may cause an increase in the time Recoup takes to complete.

---

**DXC8414E      Unable to use ZSCRL command**

## Explanation

Scrolling is inhibited for this terminal.

## Module

CSC3

---

**DXC8415E      Error retrieving message record**

## Explanation

A find error on the retrieval of an output file occurred.

## Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8416E      Missing or invalid data string**

## Explanation

The data string entered with ZSCRL FIND or SCAN was omitted or incorrect.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8417E      Scan data too long**

## Explanation

The data string entered with ZSCRL FIND or SCAN was more than 50 characters long.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8418I      Message sent to printer CRN-crn**

## Explanation

Your message is sent to printer CRN (this may be a Netview id).

---

**DXC8419I      No match found**

## Explanation

ALCS cannot find the character string you specified.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8420E      Scroll log mode already started**

## Explanation

You can only start the scroll log once.

---

**DXC8421E      Scroll log mode already stopped**

## Explanation

You have requested scrolling although the scroll log mode has been stopped.

## Operator response

Reissue the command after starting scroll logging.

---

**DXC8422E      Unable to scroll**

## Explanation

An internal error has occurred which has resulted in ALCS not being able to scroll.

## Operator response

Check that scroll log is operating and then retry the command.

---

**DXC8423E      Error reading prime unsolicited message block**

## Explanation

This message is an error response to command ZSNDU. The message in error, and any more messages in the same queue, is discarded.

---

**DXC8424E      Error reading chain unsolicited message block**

## Explanation

This message is an error response to command ZSNDU. The message in error is discarded.

---

**DXC8425E**      **No carriage return****Explanation**

This message is an error response to command ZSNDU.

**Operator response**

Correct the error and resubmit the command with the correct syntax.

---

**DXC8426E**      **Resource parameter entered twice****Explanation**

This message is an error response to command ZSNDU.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8427E**      **LIFETIME parameter entered twice****Explanation**

This message is an error response to command ZSNDU.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8428E**      **LIFETIME parameter -- invalid length****Explanation**

You have entered an incorrect parameter on the ZSNDU command.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8429E**      **LIFETIME parameter -- invalid option****Explanation**

You have entered an incorrect option on the ZSNDU command.

**Operator response**

Correct the error and resubmit the command.

---

**DXC8430E**      **Invalid INCLUDE/EXCLUDE parameter****Explanation**

You have entered incorrect parameters for the *userdata* installation-wide exit on the ZSNDU command.

**Operator response**

Inform your system programmer.

**System programmer response**

Check the appropriate installation-wide exits that are in operation.

---

**DXC8431E**      **Unknown user parameter(s) specified****Explanation**

You have entered an unknown parameter on the ZSNDU command.

**System action**

Correct the typing or syntax error and retry the command.

---

**DXC8432E**      **Userdata parameter(s) too long****Explanation**

You have entered an incorrect parameter on the ZSNDU command.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8433E**      **LIFE parameter value exceeds maximum****Explanation**

The LIFE parameter (initially set at 3 hours) of the ZSNDU command has been exceeded.

**Operator response**

Check the value that the system programmer has set for the LIFE parameter and resubmit the command.

---

**DXC8434I**      **No broadcast messages on queue**

### Explanation

This message is a normal response to the command ZSNDU. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8435E**      **Message number does not exist**

### Explanation

The unsolicited message number specified on the ZSNDU command does not exist.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8436I**      *normal response*

### Explanation

This message is a normal response to the command ZSNDU. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8437I**      *normal response*

### Explanation

This message is a normal response to the command ZSNDU. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8440I**      **Sequential file *sequential\_file* closed**

### Explanation

This message is a normal response to the command ZCSEQ.

---

**DXC8441E**      **Unable to close sequential file *sequential\_file***

### Explanation

This message is an error response to command ZCSEQ.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8442E**      **Sequential file *sequential\_file* in use**

### Explanation

This message is an error response to command ZCSEQ.

### Operator response

Use ZDSEQ to display the current status of the sequential file.

---

**DXC8443E**      **Sequential file *sequential\_file* already closed**

### Explanation

This message is an error response to command ZCSEQ.

### Operator response

Use ZDSEQ to display the current status of the sequential file.

---

**DXC8444E**      **Close not allowed for sequential file *sequential\_file***

### Explanation

ZCSEQ can only close general sequential files, and *sequential\_file* is not a general sequential file.

### Operator response

Use ZDSEQ with no parameter to display the types. Correct the typing or syntax error and retry the command.

---

**DXC8445E**      **STV in wrong status for requested action**

### Explanation

The ZTEST request cannot be processed because STV is not in the correct status; for example you may have entered ZTEST STOP when STV was not active.

### Operator response

Use ZTEST to display the current status of STV.

---

**DXC8446E**      **Not authorized to use STV**

### Explanation

The ZTEST command is only allowed from Prime CRAS.

### Operator response

Enter the command again from Prime CRAS.

---

**DXC8447E      Conflicting options specified**

---

**Explanation**

You entered two or more conflicting parameters which are mutually exclusive. For example ZTEST START, STOP is not possible because STV cannot be started and stopped by the same command.

**Operator response**

Try the command again with acceptable parameters.

---

**DXC8448E      Invalid decimal number specified**

---

**Explanation**

You have probably made a general typing error.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8449E      Keyword entered as a positional parameter**

---

**Explanation**

You have probably made a typing error.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8450E      Positional parameter entered as a keyword**

---

**Explanation**

You have entered a positional parameter as a keyword on the ZTEST command.

**Operator response**

See *ALCS Operation and Maintenance* for an explanation of how to enter parameters for the ZTEST command.

---

**DXC8451E      Invalid value specified for reply keyword**

---

**Explanation**

The reply keyword value is incorrect on the ZTEST command.

**Operator response**

See *ALCS Operation and Maintenance* for an explanation of how to enter parameters for the ZTEST command.

---

**DXC8452E      normal response**

---

**Explanation**

This message is a normal response to the command ZTEST. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8453I      normal response**

---

**Explanation**

This message is a normal response to the command ZTEST. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8454I      normal response**

---

**Explanation**

This message is a normal response to the command ZTEST. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8455I      STV started**

---

**Explanation**

This message is a normal response to the command ZTEST.

---

**DXC8456I      STV restarted**

---

**Explanation**

This message is a normal response to the command ZTEST.

---

**DXC8457I      STV paused**

---

**Explanation**

This message is a normal response to the command ZTEST.

---

**DXC8458I      STV stopped**

---

**Explanation**

This message is a normal response to the command ZTEST.

---

**DXC8459I      STV cancelled**

---

## Explanation

This message is a normal response to the command ZTEST.

---

**DXC8460E**      **Trace overloaded**

## Explanation

Too many users are currently using conversational mode trace. The maximum number of concurrent users is a generation option.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8461I**      **No block attached**

## Explanation

This message is a normal response to command ZTRAC.

---

**DXC8462E**      **Trace already active**

## Explanation

This message is an error response to command ZTRAC.

## Operator response

Use the ZTRAC command to display the current status of trace.

---

**DXC8463E**      **Invalid trace mode/action**

## Explanation

You have made a mistake in entering the ZTRAC command.

## Operator response

Refer to *ALCS Operation and Maintenance* for a full explanation of the trace command.

---

**DXC8464I**      **Transaction cancelled by tracing agent**

## Explanation

Another agent is tracing input from your terminal. That other agent cancelled your input message.

## User response

Enter the next input message to be traced.

---

**DXC8465E**      **System error -- GTFCC parameters invalid**

## Explanation

This message is an error response to the command ZTRAC. ALCS has detected a program which contains invalid parameters on the GTFCC macro.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8466E**      **Too many controls in list**

## Explanation

You must have 8 or fewer items in a list, or just a single item, depending on which control option is specified.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8467E**      **Invalid register**

## Explanation

This message is an error response to command ZTRAC.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8468E**      **Terminal control not allowed**

## Explanation

This message is an error response to command ZTRAC.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8469E**      **Display control not allowed**

## Explanation

This message is an error response to command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8470E**      **Invalid display control**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8471E**      **Invalid value or value range**

### Explanation

This message is an error response to command ZTRAC or to conversational trace command RUNSTOP.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8472E**      **Invalid macro group**

### Explanation

This message is an error response to command ZTRAC.

### Programmer response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8473E**      **Invalid macro name**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8474E**      **Invalid hexadecimal field**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8475E**      **Terminal already being traced**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8476E**      **Not allowed -- use branch**

### Explanation

This message is an error response to command ZTRAC.

### Programmer response

Inform the system programmer to rewrite the program to use branching. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8477I**      **Conversational trace not active for this terminal**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

Use ZTRAC to activate trace for this terminal.

---

**DXC8478I**      **Diagnostic trace not active**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

Use ZTRAC to activate diagnostic trace. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8479E**      **Invalid action word**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8480E Invalid action parameters**

### Explanation

This message is an error response to command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8481E Invalid main storage address**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8482E Invalid listing address**

### Explanation

This message is an error response to command ZTRAC or to conversational trace command RUNSTOP.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8483E Invalid SET action**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8484E Invalid register SET value**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8485E Invalid instruction address SET value**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8486E Invalid condition code SET value**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8487E Invalid main storage SET value**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8488E ADD/REPLACE parameter but no data given**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

Reenter the command including the missing data.

---

**DXC8489A**      **Enter FLUSH then repeat STOP message**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

Enter a FLUSH command followed by STOP.

---

**DXC8490I**      **Block trace not active**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8491I**      **Block trace active**

### Explanation

Self-explanatory.

### Operator response

normal ZTRAC See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8492E**      **Trace information not available**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8493E**      **GETMAIN for buffer failed**

### Explanation

An internal error has occurred.

### Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8494E**      **Storage access violation**

### Explanation

This message is an error response to the command ZTRAC.

### Programmer response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8495E**      **Invalid program alter request**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8496E**      **System error -- trace request not accepted**

### Explanation

An internal error has occurred.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. If this message occurs frequently, inform your system programmer.

---

**DXC8497E**      **No ADSTOP/REFSTOP/REGSTOP controls**

### Explanation

This message is an error response to the command ZTRAC.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8498E**      **Not allowed -- use EBW EBX REG ETC.**

### Explanation

The response to DISPLAY ALL is too large to read on this terminal.

## Operator response

Use DISPLAY EBW, DISPLAY EBX and so on to display the information.

---

**DXC8499E**      **Swap not possible -- Resource held or tape assigned or no other entry**

## Explanation

This message is an error response to the command ZTRAC.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8500E**      **Invalid word length**

## Explanation

You requested a display of zero fullwords of main storage.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8501E**      **Invalid address or length or delimiter**

## Explanation

This message is an error response to the command ZTRAC.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8502E**      **Invalid or unsupported ECB field name**

## Explanation

This message is an error response to the command ZTRAC.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8503E**      **Invalid R (Refer) or S (Store) option**

## Explanation

This message is an error response to the command ZTRAC.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8504E**      **Too many ADSTOP/REFSTOP/REGSTOP controls**

## Explanation

This message is an error response to the command ZTRAC.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8506I**      **C and WS mode trace active for system**

## Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8507I**      **C and WS mode trace inactive for system**

## Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8508E**      **Parameter *name* conflicts with trace mode *name***

## Explanation

This message is an error response to the command ZTRAC.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8509I**      **Press Enter to proceed**

## Explanation

This message is a normal response to the command ZTRAC.

### System action

ALCS pauses until you press the Enter key and then it continues processing normally.

### Operator response

Press the Enter key.

---

**DXC8510I**      **No block detached at this level**

### Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8511I**      **Diagnostic trace active**

### Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8512I**      **Conversational trace active for this terminal**

### Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8513I**      **GTF trace active**

### Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8514I**      **GTF trace not active**

### Explanation

This message is a normal response to the command ZTRAC.

---

**DXC8515I**      **Reenter within 30 seconds to confirm**

### Explanation

This is the command confirmation facility. ALCS is giving you the chance to reconsider your action. Enter the command again within 30 seconds to confirm to ALCS that you really do want to take this action.

### System action

ALCS waits for your response before continuing to process the command.

### Operator response

Reenter the command or not as appropriate.

---

**DXC8518I**      **Bad confirmation -- cancelled**

### Explanation

You have made a mistake in your confirmation of the command.

### System action

The command you entered previously has been cancelled.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8520I**      **Not routed to an ALCS application**

### Explanation

It is not possible to route this command to an application program.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8521I**      **Routed to ALCS application name**

### Explanation

Self-explanatory.

### Operator response

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8522I**      **Terminal routing removed**

### Explanation

This message is a normal response to the command ZROUT.

---

**DXC8523I**      **Terminal routing updated**

### Explanation

This message is a normal response to the command ZROUT.

---

**DXC8524E**      **Application name is too long**

## Explanation

The application name must not be more than 4 characters long.

## Operator response

Correct the error and retry.

---

**DXC8525E      Application not active**

## Explanation

A ZROUT app1, text command was issued, but the destination application is currently inactive.

## Operator response

Use the ZACOM command to make the application active, if required.

---

**DXC8526E      Specified resource is not an application**

## Explanation

This message is an error response to command ZROUT.

## Operator response

Check that you have specified the application correctly and retry the command.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8530I      Restore cancelled**

## Explanation

This message is a normal response to the command ZRSTR See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8531E      Restore already active**

## Explanation

You have tried to restore records that are currently being restored. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8532W      TPFDBR tape - Block with item size not 1 (L1) or 2 (L2) or 3 (L4)**

## Explanation

TPF only supports L1, L2 and L4 size blocks but this tape contains another size. This message is sent once.

## System action

ALCS ignores this block and continues processing the tape.

---

**DXC8533W      TPFDBR tape - Block with nn records has item count greater than nn**

## Explanation

There is a mismatch between the number of records and the item count on the TPF tape. This message is sent once for each record size.

## System action

ALCS ignores this block and continues to process the rest of the tape.

---

**DXC8534I      Seq file reads number DASD writes number**

## Explanation

This message is a normal response to the command ZRSTR See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8535E      Global area is not loaded**

## Explanation

ALCS cannot perform the requested action because it cannot retrieve the information it requires from the global area.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8536E      Too many selections**

## Explanation

This message is an error response to command ZDATA.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8537E      Restore already in progress**

## Explanation

ALCS allows only one ZRSTR to run.

## System action

ALCS waits for the current ZRSTR operation to finish before accepting the next ZRSTR RESTART or CONTINUE command.

## Operator response

Try again later.

---

<b>DXC8538I</b>	<b>Restore active -- To restart mount input sequential file and enter ZRSTR CONTINUE</b>
-----------------	--

---

## Explanation

This message is a normal response to command ZRSTR.

## Operator response

Follow the instructions in the message. If this message occurs frequently, inform your system programmer.

---

<b>DXC8539E</b>	<b>Start time not before end time</b>
-----------------	---------------------------------------

---

## Explanation

You must specify an end time which is later than the start time. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the error and retry the operation.

---

<b>DXC8540I</b>	<b>Load complete Run Recoup to validate long term pool</b>
-----------------	--

---

## Explanation

This message is a normal response to the command ZRSTR.

## Operator response

Run Recoup as soon as possible (after consulting your system programmer).

---

<b>DXC8541E</b>	<b>Dump cancelled because of write error</b>
-----------------	--

---

## Explanation

ALCS is unable to write one or more records to the sequential file because of unrecoverable errors.

## System action

ALCS cancels the ZDATA DUMP operation.

---

<b>DXC8542E</b>	<b>System not in IDLE state</b>
-----------------	---------------------------------

---

## Explanation

ALCS must be in IDLE state for this operation to complete.

## Operator response

Use ZASYS to change the system state to IDLE.

---

<b>DXC8543E</b>	<b>LOAD/DUMP already active</b>
-----------------	---------------------------------

---

## Explanation

Self-explanatory.

## Operator response

Wait until the ZDATA command has finished processing and then resubmit the command.

---

<b>DXC8544I</b>	<b>Restore started</b>
-----------------	------------------------

---

## Explanation

This message is a normal response to the command ZRSTR See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

<b>DXC8545I</b>	<b>Restore complete</b>
-----------------	-------------------------

---

## Explanation

This message is a normal response to the command ZRSTR See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

<b>DXC8546I</b>	<b>LOAD started</b>
-----------------	---------------------

---

## Explanation

This message is a normal response to the command ZRELO or ZDATA See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

<b>DXC8547I</b>	<b>LOAD/DUMP cancelled</b>
-----------------	----------------------------

---

## Explanation

This message is a normal response to the command ZDUMP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

<b>DXC8548I</b>	<b>DUMP started</b>
-----------------	---------------------

---

## Explanation

This message is a normal response to the command ZDATA. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8549I      DUMP complete**

## Explanation

This message is a normal response to the command ZDUMP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8550E      LOAD/RESTORE cancelled because  
of EVNWC error Advise system  
programmer**

## Explanation

An internal error has occurred.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8551E      LOAD active -- ENTER 'ZDATA  
CONTINUE' or 'ZDATA CANCEL'**

## Explanation

This response indicates one of the following:

- The first parameter on the ZDATA command is not LOAD, DUMP, CANCEL, RESTART, or CONTINUE;
- Parameters follow the CANCEL, RESTART, or CONTINUE parameter;
- Incorrect parameters follow the LOAD or DUMP parameter.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8552I      Cancel request accepted**

## Explanation

This message is a normal response to the command ZDUMP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8553E      Cancel request already pending**

## Explanation

ALCS has already accepted a cancel request but has not cancelled the data entry. ALCS ignores this ZDATA or ZRELO CANCEL request.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8554E      Restore cancelled - Overlength  
record**

## Explanation

The record length exceeds the maximum storage block size defined in the SCTGEN macro.

## System programmer response

See *ALCS Installation and Customization* for information on the SCTGEN macro.

---

**DXC8555I      normal response**

## Explanation

This message is a normal response to the command ZRSTR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8556E      Restore not active**

## Explanation

Self-explanatory.

## Operator response

This is an error response to ZRSTR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8557I      LOAD/DUMP not active**

## Explanation

Self-explanatory.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8558I      normal response**

## Explanation

This message is a normal response to the command ZRSTR.

## Operator response

Mount the correct sequential file and enter ZRSTR CONTINUE.

---

**DXC8559A**      **End of sequential file Mount next sequential file and enter 'ZRSTR CONTINUE'**

## Explanation

This message is a normal response to the command ZRSTR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Mount the next sequential file and enter ZRSTR CONTINUE.

---

**DXC8560I**      **Restore continuing**

## Explanation

This message is a normal response to the command ZRSTR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8561E**      **Sequential file I/O error**

## Explanation

An internal error has occurred.

## Operator response

Try the command again, if the error persists ask your system programmer to inform your IBM programming support representative.

---

**DXC8562E**      **Too many consecutive sequential file errors End of file assumed**

## Explanation

After five consecutive read errors during a ZDATA LOAD ALCS assumes that the sequential file is defective and forces an end-of-file.

## Operator response

Check that you are processing the correct input sequential file. If so then inform your system programmer.

## System programmer response

The input sequential file is either corrupted or not correctly terminated with end-of-file labels. Recreate the input sequential file and retry the ZDATA LOAD.

---

**DXC8563E**      **Find error - AP type type ordinal ordinal**

## Explanation

An error occurred on reading a record by the ALCS data base scan utility.

## System action

The ALCS data base scan utility ignores this record and continues.

## Operator response

Ask your system programmer to inform your IBM programming representative.

---

**DXC8564A**      **Out of sequence time stamp on sequential file Mount correct sequential file and enter 'ZRSTR CONTINUE'**

## Explanation

This message is an error response to command ZDATA.

## Operator response

Mount the correct sequential file and enter ZRSTR CONTINUE.

---

**DXC8565I**      **number type type records loaded**

## Explanation

This message is a normal response to the command ZRELO.

---

**DXC8566I**      **Summary of LOAD from filename  
Total records loaded.....nnn  
Total records not selected...nnn  
Total errors.....nnn  
Number of restarts.....nnn**

## Explanation

This message is a normal response to the command ZDATA. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8567I**      **nnn type type records dumped**

## Explanation

This message is a normal response to the command ZDUMP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8568I**      **Summary of DUMP to *nnn* Total records dumped.....*nnn* Records not dumped.....*nnn* Total read errors.....*nnn* Number of restarts.....*nnn***

## Explanation

This message is a normal response to the command ZDATA. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8569I**      **Unable - Utilities active *utility\_list***

## Explanation

The ZDATA command cannot complete because one or more utility programs are running.

## Operator response

Try again when the utilities complete.

---

**DXC8570E**      **INCLUDE/EXCLUDE option conflict**

## Explanation

You have specified information on the INCLUDE and EXCLUDE parameters which is incompatible.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8571E**      **Record type specification wrong**

## Explanation

You have made an error in defining the record types in either the sequential file or the real-time database.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands..

---

**DXC8572E**      **Record ordinal specification wrong**

## Explanation

You have made an error in specifying the record ordinals in either the sequential file or the real-time database.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8573E**      **Record ID specification wrong**

## Explanation

You have made an error in specifying the record ID in either the sequential file or the real-time database.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8574E**      **File address specification wrong**

## Explanation

You have made an error in specifying the file address of the records.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8575E**      **Find error - File address *address***

## Explanation

An error occurred on reading a record by the ALCS data base scan utility.

## System action

The ALCS data base scan utility ignores this record and continues.

## Operator response

Ask your system programmer to inform your IBM programming representative.

---

**DXC8576E**      **Read error - Last valid record was *record***

## Explanation

An error has occurred in reading one or more of the records that you specified.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8577E**      **Invalid file address - *file\_address***

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8578E**      **One or more type *type* records not loaded Record ordinal numbers too big**

## Explanation

You have made a mistake in specifying the record ordinals. Use ZDFIL to confirm which record ordinals you wish to use.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8579E**      **File error - File address *address***

## Explanation

An error has occurred in locating file address *address*

## Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8580E**      **Duplicate dump table reset failed - Program not in dump table**

## Explanation

ZASER DUPE=(RESET,*prog*) was issued, but program *prog* was not found in the duplicate dump table.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8581I**      ***normal response***

## Explanation

This message is a normal response to the command ZASER. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8582I**      ***normal response***

## Explanation

This message is a normal response to the command ZASER. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8583I**      ***normal response***

## Explanation

This message is a normal response to the command ZDSER. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8584E**      ***error response***

## Explanation

ZASER was issued, but ALCS was unable to set new system error dump options. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8586I**      ***normal response***

## Explanation

This message is a normal response to the command ZAACV. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8587E**      **Invalid parameter value *parm***

## Explanation

This message is an error response to command ZAACV.

## System action

Correct the typing or syntax error and retry the command.

---

**DXC8589I**      **Total values cleared**

## Explanation

This message is the normal response to the command ZSTAT RESET.

---

**DXC8590I**      ***normal response***

### Explanation

This message is a normal response to the command ZSTAT. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8591I**      **Peak values cleared**

### Explanation

This message is the normal response to the command ZSTAT CLEAR.

---

**DXC8592E**      **Program name is both included and excluded**

### Explanation

This message is an error response to the command ZTRAC. You have included and excluded the same program in your trace control options.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8593A**      **Enter FLUSH then repeat message**

### Explanation

This message is an error response to the command ZTRAC CONV, INTERCEPT, ON. Asynchronous trace cannot be started when an entry is already being traced.

### Operator response

Enter a FLUSH command then start asynchronous tracing again.

---

**DXC8594E**      **Program controls required for INTERCEPT**

### Explanation

This message is an error response to the command ZTRAC CONV, INTERCEPT, ON. You must include at least one program in your trace control options before starting asynchronous trace.

### Operator response

Add program(s) to the trace control options then retry the command.

---

**DXC8595E**      **Invalid INTERCEPT option**

### Explanation

This message is an error response to the command ZTRAC CONV, INTERCEPT. (See *ALCS Operation and Maintenance* for a description of the ZTRAC command.)

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8596E**      **INTERCEPT already on**

### Explanation

This message is an error response to the command ZTRAC CONV, INTERCEPT, ON. You have tried to start asynchronous trace when it is already started.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8597E**      **INTERCEPT already off**

### Explanation

This message is an error response to the command ZTRAC CONV, INTERCEPT, OFF. You have tried to stop asynchronous trace when it is already stopped.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8598E**      **INTERCEPT not allowed with remote terminal trace**

### Explanation

This message is an error response to the command ZTRAC CONV, INTERCEPT, ON. Asynchronous trace cannot be used at the same time as remote terminal trace.

### Operator response

Stop conversational tracing and start it again without any terminal (T=) parameter.

---

**DXC8599A**      **Set INTERCEPT off then repeat message**

### Explanation

This message is an error response to the command ZTRAC. Trace control options (other than D=) cannot

be changed after asynchronous trace is started until a message is intercepted.

### Operator response

Stop asynchronous tracing, retry the command, then start asynchronous tracing again.

---

**DXC8601I**      **Not authorized to request this function**

### Explanation

Only the Prime CRAS can enter CONNECT or DISCONNECT. Only CRAS terminals can enter DISPLAY. This message is an error response to command ZCSQL.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8602I**      **Invalid SSNM**

### Explanation

This is an error response to ZCSQL. The name of the DB2 subsystem is invalid. It should be up to 4 alphanumeric characters.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8603I**      **DB2 not supported by this ALCS**

### Explanation

This is an error response to ZCSQL. The ALCS system configuration table does not specify support for DB2.

### System programmer response

See *ALCS Installation and Customization* for information on how to configure DB2.

---

**DXC8604I**      **Not currently connected to DB2**

### Explanation

ALCS must be connected to a DB2 system for this command to process.

### Operator response

Use the ZCSQL command to connect to the DB2 system. This command is explained in *ALCS Operation and Maintenance*.

---

**DXC8605I**      **Currently connected to DB2 subsystem *name***

### Explanation

This message is a normal response to the command ZCSQL.

---

**DXC8606I**      **Now connected to DB2 subsystem *name***

### Explanation

ALCS is now connected to the DB2 subsystem *name*. The ZCSQL command has completed successfully.

### System action

ALCS continues processing normally.

---

**DXC8607I**      **Unable -- already connected to DB2 subsystem *name***

### Explanation

ZCSQL CONNECT was issued, but ALCS is already connected to DB2.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8608I**      **Now disconnected from DB2 subsystem *name***

### Explanation

ALCS has successfully disconnected from DB2 *name*.

### System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8609I**      **Unable -- currently connected to DB2 subsystem *name***

### Explanation

ZCSQL DISCONNECT was issued, but ALCS is connected to a DB2 subsystem other than the one specified in the command.

### System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8611I**      **DB2 connect failure -- Return code X'return\_code' Reason code X'reason\_code'**

### Explanation

ZCSQL CONNECT was issued, but ALCS failed to establish the connection to DB2.

### Operator response

Refer to *IBM DB2 Messages and Codes* for an explanation of the return code and reason code.

---

**DXC8612I**      **DB2 disconnect failure -- Return code X'return\_code' Reason code X'reason\_code'**

### Explanation

ZCSQL DISCONNECT was issued, but ALCS failed to terminate the connection to DB2.

### Operator response

Refer to *IBM DB2 Messages and Codes* for an explanation of the return code and reason code.

---

**DXC8613I**      **Invalid return code from CSQLC macro**

### Explanation

An internal error has occurred.

### Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8614I**      **Unable -- SQL conversation in progress**

### Explanation

A ZCSQL DISCONNECT has been received but at least one entry is waiting for a response from DB2.

### Operator response

Inform your DB2 administrator. See *ALCS Operation and Maintenance* for an explanation of the ZCSQL FORCE parameter.

---

**DXC8615I**      **Waiting for DB2 subsystem ssnm to start**

### Explanation

DB2 was not started when ALCS tried to connect to it. ALCS will automatically try to connect again when DB2 starts.

---

**DXC8620E**      **Invalid queue manager name**

### Explanation

This is an error response to ZCMQI. You have specified an invalid MQSeries queue manager name.

### Operator response

Correct the error and retry the command.

---

**DXC8621E**      **Invalid initiation queue name**

### Explanation

This is an error response to ZCMQI. You have specified an invalid MQSeries initiation queue name.

### Operator response

Correct the error and retry the command.

---

**DXC8622E**      **Invalid input queue name**

### Explanation

This is an error response to ZCMQI. You have specified an invalid input queue name.

### Operator response

Correct the error and retry the command.

---

**DXC8623W**      **MQSeries not supported by this ALCS**

### Explanation

This is an error response to ZCMQI. The ALCS system configuration table does not specify support for MQSeries.

### System programmer response

See *ALCS Installation and Customization* for information on how to configure MQSeries.

---

**DXC8624W**      **Not currently connected to MQSeries**

### Explanation

This command can only be used when MQSeries is connected to your system.

## Operator response

Use the ZCMQI command to connect to the MQSeries queue manager. This command is explained in *ALCS Operation and Maintenance*.

---

**DXC8625I**      **Currently connected to MQSeries Queue manager *queue\_manager* Initiation queue *init\_queue* Input queue *input\_queue***

## Explanation

This message is a normal response to the command ZCMQI. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8626I**      **Now connected to MQSeries Queue manager *queue\_manager* Initiation queue *init\_queue* Input queue *input\_queue***

## Explanation

This message is a normal response to the command ZCMQI. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8627I**      **Now disconnected from MQSeries Queue Manager *queue\_manager***

## Explanation

This message is a normal response to the command ZCMQI. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8628E**      **Unable -- Already connected to MQSeries Queue manager *name***

## Explanation

This is an error response to ZCMQI. You have tried to connect to MQSeries twice, this is not permitted.

---

**DXC8629E**      **Unable -- Currently connected to MQSeries Queue manager *name***

## Explanation

This ZCMQI command cannot be carried out because you are actually connected to *name* and you specified another queue manager name.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8630E**      **MQSeries subtask has abended -- please retry**

## Explanation

This command cannot be processed because an internal error has occurred.

## System action

ALCS continues to operate normally.

## Operator response

Connect to the MQSeries queue manager again and retry the command.

---

**DXC8631E**      **MQSeries connect failure -- Completion code *number* Reason code *reason\_code***

## Explanation

ALCS is unable to connect to the MQSeries queue manager.

## Operator response

See *MQSeries Messages and Codes Manual* for an explanation of the completion code and reason Code.

---

**DXC8632E**      **MQSeries disconnect failure -- Completion code *number* Reason code *reason\_code***

## Explanation

An error has occurred when you tried to disconnect from the MQSeries queue manager.

## Operator response

See *MQSeries Messages and Codes Manual* for an explanation of the completion code and reason code.

---

**DXC8633E**      **Invalid return code from CMQIC macro**

## Explanation

An internal error has occurred while trying to use the MQSeries queue manager.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8634E**      **Unable -- At least one object handle is in use**

## Explanation

This message is an error response to the command ZCMQI DISCONNECT.

## Operator response

Check which applications are still using the MQSeries queue manager. See *MQSeries Messages and Codes Manual* for an explanation of the ZCMQI FORCE parameter. Inform your MQSeries administrator.

---

<b>DXC8635E</b>	<b>MQSeries open failure -- Completion code <i>number</i> Reason code <i>reason_code</i></b>
-----------------	--

## Explanation

An error has occurred while trying to connect to MQSeries.

## Operator response

See *MQSeries Messages and Codes Manual* for an explanation of the completion code and reason code.

---

<b>DXC8636W</b>	<b>MQSeries interface suspended</b>
-----------------	-------------------------------------

## Explanation

This is an error response to the command ZCMQI. The MQSeries queue manager has stopped responding to ALCS.

## Operator response

Inform your MQSeries administrator.

---

<b>DXC8640I</b>	<b>Invalid time/time difference</b>
-----------------	-------------------------------------

## Explanation

You have made a mistake in entering the time. For example you may have omitted a leading zero.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8641I</b>	<b>Invalid Action</b>
-----------------	-----------------------

## Explanation

You are not permitted to change the time to a previous time.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8642E</b>	<b>Not allowed -- Time/time difference must be less than 24 hours.</b>
-----------------	--

## Explanation

The maximum amount of time you are allowed to change the clock by is 23 hours 59 minutes.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8643E</b>	<b>Not allowed Negative local date change</b>
-----------------	---

## Explanation

You are not permitted to change to a previous date.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8644E</b>	<b>Not allowed Negative GMT date change</b>
-----------------	---

## Explanation

You are not permitted to change to a previous date.

## Operator response

Correct the typing or syntax error and retry the command.

---

<b>DXC8645E</b>	<b>Not allowed System error -- Clock update failed</b>
-----------------	--

## Explanation

An internal error occurred while using the ZATIM command.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. If this message occurs frequently, inform your system programmer.

---

<b>DXC8646E</b>	<b>Not allowed Reject by installation exit</b>
-----------------	--

## Explanation

An error has occurred when using the ZATIM command.

## Operator response

See *ALCS Installation and Customization* for an explanation of the ATM1 installation-wide exit.

---

**DXC8647E**      *nnnn Not allowed*

## Explanation

An error has occurred when using the ZATIM command.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. If this message occurs frequently, inform your system programmer.

---

**DXC8648I**      *normal response*

## Explanation

This message is a normal response to the command ZATIM.

---

**DXC8649I**      *normal response*

## Explanation

This message is a normal response to the command ZDTIM.

---

**DXC8655I**      **Sequential file *sequential\_file* switch request accepted**

## Explanation

This message is a normal response to the command ZSSEQ.

---

**DXC8656E**      **Switch not allowed for sequential file *sequential\_file***

## Explanation

You have tried to switch a general sequential file.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8657E**      **Switch failed -- Configuration table full**

## Explanation

An internal error has occurred.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8658E**      **Switch failed -- Error code *X'error\_code'***

## Explanation

An internal error has occurred.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8659E**      **Sequential file *sequential\_file* not in configuration table**

## Explanation

This message is an error response to command ZSSEQ.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8660E**      **Switch failed -- Previous switch still in progress**

## Explanation

This sequential file is currently being switched from active to standby.

## Operator response

Use ZDSEQ to confirm that the previously active sequential file is deallocated and then try again.

---

**DXC8661E**      **Switch failed -- Previous allocate/open still in progress**

## Explanation

A standby sequential file is currently being allocated and opened and is not yet available for use.

## Operator response

Use ZDSEQ to confirm that the standby sequential file has been allocated and then try again.

---

**DXC8662E**      **Switch failed -- Only allowed on LOG file**

---

### Explanation

You have specified the LOGALL or the NOLOGALL option on a ZSSEQ command but have specified a sequential file name which is not LOG. You may use these options only when switching the LOG sequential file.

---

**DXC8665I**      **Invalid PF key**

---

### Explanation

This message is an error response to command ZAKEY.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8666I**      **Invalid substitution trigger**

---

### Explanation

This message is an error response to command ZAKEY.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8667I**      *normal response*

---

### Explanation

This message is a normal response to the command ZDKEY. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8670I**      **LOAD complete**

---

### Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8671I**      **Relocate run complete Imbedded addresses relocated address**

---

### Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8672I**      *number1 relocated to number2*

---

### Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8673I**      **Relocate table CLEAR started**

---

### Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8674I**      **Relocate table CLEAR complete**

---

### Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8675I**      **Copy from address to address complete**

---

### Explanation

This message is a normal response to the command ZRELO. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8676I**      **File address not found in relocate table**

---

### Explanation

The file address in ZRELO OAD=add is incorrect.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8677I**      **Relocate table not initialized**

---

### Explanation

The relocate table must be initialized before part of the database is relocated.

### Operator response

Issue ZRELO LOAD before you issue ZRELO RELOCATE and then try again

---

**DXC8678I**      **Record sizes unequal**

### Explanation

You can only relocate records of the same size.

### Operator response

Correct the error and try again.

---

**DXC8679I**      **Error reading relocate table --  
Relocate abandoned**

### Explanation

An error has occurred and ZRELO cannot continue.

### Operator response

Try to locate the error, correct it and then resubmit the command.

---

**DXC8680I**      **Read error on copy-from record**

### Explanation

An error has occurred and ZRELO cannot continue.

### Operator response

Try to locate the error, correct it and then resubmit the command.

---

**DXC8681I**      **Invalid restart request**

### Explanation

An error has occurred and ZRELO cannot continue.

### Operator response

Try to locate the error, correct it and then resubmit the command.

---

**DXC8682I**      **Invalid copy-from address**

### Explanation

An error has occurred and ZRELO cannot continue.

### Operator response

Try to locate the error, correct it and then resubmit the command.

---

**DXC8683I**      **Invalid copy-to address**

### Explanation

An error has occurred and ZRELO cannot continue.

### Operator response

Try to locate the error, correct it and then resubmit the command.

---

**DXC8684I**      **Relocate table read error -- Clear  
continues**

### Explanation

An internal error has occurred in reading to the relocate table.

### System action

ALCS continues processing normally.

### Operator response

If this happens frequently then ask your system programmer to inform your IBM programming support representative.

---

**DXC8685I**      **Copyallfixed complete -- n records  
copied**

### Explanation

This message is the normal response to a ZRELO COPYALLFIXED command. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8686E**      **Recoup active -- Invalid CLEAR  
request**

### Explanation

This message is an error response to a ZRELO CLEAR command. The relocate table can not be cleared while Recoup is active.

### Operator response

Wait until the ZRECP command has finished processing and then resubmit the command.

---

**DXC8687E**      **LOAD/DUMP active -- Invalid  
CLEAR request**

### Explanation

This message is an error response to a ZRELO CLEAR command. The relocate table can not be cleared while the relocating loader is active.

### Operator response

Wait until the ZRELO command has finished processing and then resubmit the command.

---

**DXC8692E**      **Invalid size -- not defined in ALCS generation**

### Explanation

This message is an error response to conversational trace command GET. The requested size is not defined in the ALCS generation.

### Operator response

Correct the GET command and retry.

---

**DXC8693E**      **Storage level not in use**

### Explanation

This message is an error response to conversational trace command REL. The storage level is not in use.

### Operator response

Correct the REL command and retry.

---

**DXC8695E**      **Substep not possible -- instruction stepping must be active**

### Explanation

This message is an error response to conversational trace command SUBSTEP. Instruction stepping must be active for the SUBSTEP command to be accepted.

### Operator response

Use the STEP command to turn on instruction stepping then retry the SUBSTEP command.

---

**DXC8696E**      **Invalid mode -- must be either E or I**

### Explanation

This message is an error response to conversational trace command RUNSTOP. The mode must be either E (exclusive mode) or I (inclusive mode).

### Operator response

Correct the RUNSTOP command and retry.

---

**DXC8697E**      **Invalid level -- must be in range D0 - DF**

### Explanation

This message is an error response to conversational trace command GET, REL, or FLIP. The storage level is incorrect.

### Operator response

Correct the GET, REL, or FLIP command and retry.

---

**DXC8698E**      **Invalid size -- must be in range L0 - L8, or LX**

### Explanation

This message is an error response to conversational trace command GET. The size is incorrect.

### Operator response

Correct the GET command and retry.

---

**DXC8699E**      **Storage level already in use**

### Explanation

This message is an error response to conversational trace command GET. The storage level is already in use.

### Operator response

Correct the GET command and retry.

---

**DXC8700I**      *normal response*

### Explanation

This message is a normal response to the command ZP00L. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8718I**      **Attempt to alter a pool which does not exist**

### Explanation

This message is an error response to command ZP00L.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8719I**      **SKP must be more than KUL**

## Explanation

This message is an error response to command ZP00L.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8720I**      **ST Event logging is enabled for LnST pool**

## Explanation

This message is part of the normal response to the command ZP00L. See *ALCS Operation and Maintenance* for a full explanation of how to use the command.

---

**DXC8721I**      **ST event logging already active**

## Explanation

You have attempted to start short-term pool event logging while it already active.

## Operator response

Use the ZP00L command to determine the record size currently being logged. If you wish to start event logging for a different record size, you must first stop event logging for the size which is currently being logged.

---

**DXC8722E**      **Cannot create data space for ST event logging**

## Explanation

ALCS has encountered an error attempting to create a data space to hold the short-term pool event information.

## Operator response

You cannot run event logging until this error has been fixed. Contact your system programmer to determine the cause of the problem.

---

**DXC8723I**      *normal response*

## Explanation

This message is a normal response to the command ZP00L. See *ALCS Operation and Maintenance* for a full explanation of how to use the command.

---

**DXC8724I**      *normal response*

## Explanation

This message is a normal response to the command ZP00L. See *ALCS Operation and Maintenance* for a full explanation of how to use the command.

---

**DXC8726I**      **Sequential file configuration table *table\_name* load complete**

## Explanation

This message is a normal response to the command ZASEQ.

---

**DXC8727I**      **Sequential file configuration table *table\_name* load failed -- Return code X'*return\_code*'**

## Explanation

Self-explanatory.

## System programmer response

Check the return code in the appropriate MVS documentation.

---

**DXC8728I**      **Sequential file configuration table *table\_name* load failed -- Format invalid**

## Explanation

Where *return\_code* is the system completion code, and the reason code. See the appropriate MVS Message Library: System Codes.

## Operator response

If you are sure that you entered the command correctly, inform your system programmer.

## System programmer response

Check the ALCS generation options to see if the sequential file exists.

---

**DXC8729I**      **Sequential file *sequential\_file* update complete**

## Explanation

The sequential file update has completed successfully.

---

**DXC8730E**      **Sequential file *sequential\_file* update not allowed**

## Explanation

This message is an error response to the command ZASEQ. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

## Operator response

Correct the error and retry the operation.

---

**DXC8731I** Sequential file *sequential\_file*  
update failed -- Return code  
*X'return\_code'*

## Explanation

An unexpected error occurred. ZASEQ command can update the general sequential file definition with any correct keywords and then give this error response.

## Operator response

Use ZDSEQ to check the effect of the command.

---

**DXC8732I** Sequential file name or LOAD  
omitted

## Explanation

The first parameter must be either LOAD or the symbolic name of a general sequential file.

## Operator response

Correct the error and retry the operation.

---

**DXC8733I** *normal response*

## Explanation

This message is a normal response to the command ZDSEQ. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8734I** Sequential file *sequential\_file*  
before update

## Explanation

ALCS displays the previous information before ZASEQ updates a sequential file. This is followed by message DXC8729I, which shows the updated information.

---

**DXC8735I** *normal response*

## Explanation

This message is a normal response to the command ZPOOL. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8736E** LT pool activity monitor -- keypoint  
retrieval error

## Explanation

This is an error response to command ZPOOL. ALCS was not able to access the long-term pool activity data.

## Operator response

Notify your system programmer. The ALCS pool activity monitor function is unusable.

## System programmer response

Ensure that the record type #KPTRI (system keypoint record) ordinal number 12 has not been illegally modified by a user application program. (The hash (#) character is represented differently by some equipment, it is the EBCDIC X'7B' character.) If it has not, then inform your IBM programming support representative.

---

**DXC8738I** LT Monitor interval is *n* minutes

## Explanation

This message is a normal response to the command ZDSEQ. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8746E** Load failed -- Change in number  
of records and record size needs  
separate loads

## Explanation

You have attempted to change the record size of a fixed file type without first committing the change which deleted and purged the records of the previous size.

## Operator response

Inform your system programmer.

## Programmer response

Create a DASD load to delete and purge all the records of the type whose record size you wish to change. When this has been loaded, confirmed, and committed with ZDASD COMMIT then create another load to add records of a different record size. For more information on changing the record size of a fixed file type, refer to *ALCS Installation and Customization*.

---

**DXC8747S** Invalid file address return from  
relocate

### Explanation

ALCS did not recognize the file address of the record which must be relocated.

### Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8748E Error in specified ordinal(s)**

### Explanation

The record ordinals you specified in the stripe start command are invalid.

### Operator response

Check the correct required ordinals and reenter the command.

---

**DXC8749E Insufficient allocatable pool**

### Explanation

To run restrict you need sufficient pool records to contain the relocated records and to continue running ALCS. This message indicates there are fewer than 24 hours worth or 500 records over and above those needed for the restrict.

### Operator response

Run Recoup to recover any released pool records or inform your system programmer.

### Programmer response

Consider splitting a large batch of records into several small batches, running Recoup between each batch. Also consider using the installation wide ECB-controlled exit APA1 to modify the requirements.

---

**DXC8750S Global area not loaded**

### Explanation

The global record used to track the progress of restripe is not available.

### Operator response

Check whether ALCS started successfully. Error messages during global restart may indicate there is a problem with global load.

---

**DXC8751E Stripe already paused**

### Explanation

You have tried to pause stripe when it was already paused.

### Operator response

If you wish to restart the stripe already paused then enter ZDASD STRIPE RESTART. If you wish to start a different stripe, then enter ZDASD STRIPE CANCEL first.

---

**DXC8752E Stripe already running**

### Explanation

You have attempted to restart stripe while it was already running.

### Operator response

Allow the stripe to complete, or cancel it using ZDASD STRIPE CANCEL.

---

**DXC8753I Stripe restart awaited**

### Explanation

You have restarted ALCS which was previously terminated while a stripe was running or was in pause status.

### Operator response

When you wish to continue the stripe in progress enter ZDASD STRIPE RESTART.

---

**DXC8754E Unable - Another stripe command being processed**

### Explanation

You have entered a ZDASD STRIPE command while ALCS was processing a previous ZDASD STRIPE command.

### Operator response

Allow the previous ZDASD STRIPE command to complete. If it does not then inform your system programmer.

---

**DXC8755E Stripe not active**

### Explanation

You have attempted to cancel or pause a stripe while there is no stripe active.



## Operator response

Ask your system programmer to check the source code used to generate the member to be loaded, and to compare it with the source code used to generate the member previously loaded. All additions must follow the previous code.

## Programmer response

To aid diagnosis, the first non-matching item is listed in its before and after form and the listing address in the DASD generation stage 2 output is also given. If you cannot determine the cause of the mismatch from this information you may need to contact your IBM programming support representative.

---

**DXC8764S**      **Load failed - cannot allocate system records**

## Explanation

ALCS cannot allocate the records needed to reference the fixed-file tables.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8765I**      **Data set now offline**

## Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8766I**      **Data set vary request accepted**

## Explanation

Self-explanatory.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8767I**      **ONLINE/OFFLINE parameter invalid or omitted**

## Explanation

Self-explanatory.

## System action

Correct the typing or syntax error and retry the command.

---

**DXC8768I**      **Data set details invalid or omitted**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8769I**      **Data set number invalid or omitted**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8770I**      **Data set already offline**

## Explanation

Self-explanatory.

## System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8771I**      **Data set does not exist**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8772I**      **Data set is only online copy**

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8773I**      **Unexpected return code from  
DASCC**

### Explanation

Self-explanatory.

### Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8774I**      **Data set already online**

### Explanation

Self-explanatory.

### System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8775I**      **Data set allocate failed *dsname*  
Return code RC-X'*return\_code*'  
Error Code EC-X'*error\_code*'**

### Explanation

There is an error with the data set allocation. This could be caused by the VSAM definition being incorrectly specified or there may be another problem with the generation process.

### Operator response

Check the return code and error code in the appropriate MVS documentation. Correct the error and retry the command.

---

**DXC8776I**      **Data set offline**

### Explanation

You have attempted to display a file address which is located on a data set that is offline.

### Operator response

Check the file address and retry the command.

---

**DXC8777I**      **Copy already in progress for this  
data set**

### Explanation

Self-explanatory.

### System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

### Operator response

Allow the copy to complete.

---

**DXC8778I**      **Additional display parameter  
invalid or omitted**

### Explanation

Self-explanatory.

### System action

This message provides information on an ALCS process. The Operator does not need to respond to the message.

---

**DXC8779I**      **Data set number range invalid**

### Explanation

Self-explanatory.

### System action

Correct the typing or syntax error and retry the command.

---

**DXC8780I**      **Vary ONLINE/OFFLINE not  
allowed for test database**

### Explanation

You are trying to allocate or deallocate a test database; this is not allowed.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8781I**      ***normal response***

### Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8782I**      ***normal response***

## Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8783E      Load failed - Already Loaded**

## Explanation

This message is an error response to command ZDASD. You have tried to load a new database when that database is already loaded.

## Operator response

Check the name of the member to be loaded and, if necessary, retry the command with the correct name.

---

**DXC8784E      Load failed - First update must be DBHIST**

## Explanation

There is an error in the DASD generation. Either you have not coded the DBHIST macro correctly or you have omitted the DBHIST macro.

## Operator response

Inform your system programmer.

## System programmer response

Refer to *ALCS Installation and Customization* for a full explanation of the DBHIST macro.

---

**DXC8785I      Request rejected**

## Explanation

You are trying to load a new database but there are some utility programs already running.

## Operator response

Allow the utility programs to complete or cancel them and then repeat the command.

---

**DXC8786E      Load failed -- Format not compatible**

## Explanation

The member you are trying to load is not in the correct format to be loaded as a DASD configuration table.

## Operator response

Check the name to ensure that you have not made a typing error, otherwise rerun the generation.

---

**DXC8787E      Load failed -- not enough memory**

## Explanation

Self-explanatory.

## System programmer response

Check that you have coded the SCTGEN macro correctly. If you have, you should liaise with your MVS System Programmer to obtain more memory before starting ALCS again.

---

**DXC8788E      Load failed -- Recoup run needed**

## Explanation

A move to type 2 short term pool support is being attempted, but the ST pool records have not all been tagged. Recoup performs tagging of ST pool records.

## Operator response

Run Recoup and then retry the ZDASD LOAD command.

---

**DXC8789E      Load failed -- Increase in ST pool allocation and move to type 2 ST pool need separate loads**

## Explanation

A move to type 2 ST pool support and an increase in ST pool allocation causing an increase in restriction level are taking place at the same time. This is not permitted because the increase in restriction level (low ordinal) can leave insufficient ST records in the pool.

## System programmer response

Load and commit the increased pool sizes and run Recoup before loading the move to type 2 support.

---

**DXC8790I      normal response**

## Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8791I      normal response**

## Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8792I**      *normal response*

## Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8793I**      *normal response*

## Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8794I**      *normal response*

## Explanation

This message is a normal response to the command ZDASD. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8797I**      **Stripe status Record type .....type**  
**Start ordinal .....aaa End**  
**ordinal .....aaa Current**  
**ordinal .....aaa Records**  
**moved .....bbb**

## Explanation

This message indicates the status of the stripe currently being processed. It may appear on RO CRAS, or on your terminal in response to a status request.

- *status* is one of the following:

### **started**

- the stripe has started

### **complete**

- the stripe has finished

### **pausing**

- the stripe has been paused

### **paused**

- pause is complete

### **being cancelled**

- the stripe has been cancelled

### **cancelled**

- cancel is complete

- *type* is the file type being striped.
- *aaa* is the start, end or current ordinal

- *bbb* is the number of records actually relocated (moved).

Fixed file records which have never been allocated are not relocated.

---

**DXC8798I**      **Stripe started**

## Explanation

You have successfully started a stripe. The completion summary will appear on RO CRAS.

---

**DXC8801E**      **Not authorized to request this function**

## Explanation

Error response. Only the Prime CRAS can enter CONNECT, DISCONNECT, or LISTEN (with the ZCTCP command).

## Problem determination

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8802E**      **Invalid TCP/IP address space name**

## Explanation

Error response. The name of the TCP/IP address space is invalid. It should be up to 8 alphanumeric characters.

## Problem determination

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8803E**      **TCP/IP not supported by this ALCS**

## Explanation

Error response. The ALCS system configuration table does not specify support for TCP/IP.

## Problem determination

See *ALCS Installation and Customization* for information on how to configure TCP/IP.

---

**DXC8804E**      **Not currently connected to TCP/IP**

## Explanation

Error response. ALCS must be connected to a TCP/IP address space for this command to process.

## Operator response

Use the ZCTCP command to connect to the TCP/IP address space. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8805I**      **Currently connected to TCP/IP address space AS-'name'**

---

### Explanation

Normal response. ALCS is currently connected to the TCP/IP address space *name*.

---

**DXC8806I**      **Now connected to TCP/IP address space AS-'name'**

---

### Explanation

Normal response. ALCS is now connected to the TCP/IP address space *name*.

---

**DXC8807E**      **Unable - Already connected to TCP/IP address space AS-'name'**

---

### Explanation

Error response. ZCTCP CONNECT was issued, but ALCS is already connected to the TCP/IP address space *name*.

---

**DXC8808I**      **Disconnected from TCP/IP address space AS-'name'**

---

### Explanation

Normal response. ALCS has started to disconnect from the TCP/IP address space *name*. Disconnection can take up to 1 minute to complete.

---

**DXC8809E**      **Unable - Currently connected to TCP/IP address space AS-'name'**

---

### Explanation

Error response.

---

**DXC8810E**      **Unable - Listener subtask has abended**

---

### Explanation

Error response.

---

**DXC8811E**      **TCP/IP connect failure - Return code X'return\_code' Reason code X'reason\_code'**

---

### Explanation

Error response.

---

**DXC8812E**      **TCP/IP disconnect failure - Return code X'return\_code' Reason code X'reason\_code'**

---

### Explanation

Error response

---

**DXC8813E**      **Invalid return code from SOCKC macro**

---

### Explanation

Error response

---

**DXC8814E**      **Unable - sockets thread in progress**

---

### Explanation

A ZCTCP DISCONNECT command was entered but ALCS cannot process it for one of the following reasons:

- At least one TCP/IP communication resource is active or stopping.
- At least one entry is waiting for a response from TCP/IP.

## Operator response

Inactivate any TCP/IP communication resources (ZACOM INACT command) and stop any applications that issue TCP/IP sockets calls before retrying the ZCTCP DISCONNECT command.

---

**DXC8815E**      **Invalid PORT number**

---

### Explanation

Error response

---

**DXC8816I**      **Starting Listener for TCP/IP port PO-'number'**

---

### Explanation

This message is a normal response to the command ZCTCP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8817E**      **Unable - Listener already started for TCP/IP port PO-'number'**

---

### Explanation

Error response

---

**DXC8818E** TCP/IP Listener start failure -  
Return code X'*return\_code*' Reason  
code X'*reason\_code*'

### Explanation

Error response

---

**DXC8819I** Stopping Listener for TCP/IP port  
PO-'*number*'

### Explanation

This message is a normal response to the command ZCTCP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8820E** Unable - Listener is using TCP/IP  
port PO-'*number*'

### Explanation

Error response

---

**DXC8821E** TCP/IP Listener stop failure -  
Return code X'*return\_code*' Reason  
code X'*reason\_code*'

### Explanation

Error response

---

**DXC8822E** Listener not started

### Explanation

Error response

---

**DXC8823E** Unable - Listener must be stopped

### Explanation

Error response

---

**DXC8824E** Listener not supported by this  
ALCS

### Explanation

Error response. The ALCS system configuration table does not specify support for the ALCS Concurrent Server (Listener).

### Problem determination

See *ALCS Installation and Customization* for information on how to configure TCP/IP.

---

**DXC8825I** Currently connected to TCP/IP  
address space AS-'*name*' Virtual

IP address *vipa\_status* Listener *n*  
*listener\_status*

### Explanation

This message is a normal response to the command ZCTCP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

*vipa\_status* is one of:

*virtual\_ip\_address* if an IP address was specified on the TCPVIPA parameter of the SCTGEN system generation macro.

**not defined** if TCPVIPA was not specified.

*n* is the index number of the concurrent server (1 to 8).

*listener\_status* is one of:

**not started**

**started on port PO- '*number*'**

---

**DXC8826I** Not currently connected to TCP/IP  
Virtual IP address *vipa\_status*

### Explanation

This message is a normal response to the command ZCTCP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

*vipa\_status* is one of:

*virtual\_ip\_address* if an IP address was specified on the TCPVIPA parameter of the SCTGEN system generation macro.

**not defined** if TCPVIPA was not specified.

---

**DXC8840I** Retrieve not active

### Explanation

You used the ZRETR command to retrieve a message but retrieve is not active for your terminal.

### User response

Use the ZRETR START command to start the retrieve function for your terminal.

---

**DXC8841I** Retrieve already started

### Explanation

You used the ZRETR command to start retrieve but retrieve is already active for your terminal.

---

**DXC8842I** Retrieve already stopped

## Explanation

You used the ZRETR command to stop retrieve but retrieve is not active for your terminal.

---

**DXC8843I**      **No messages to retrieve**

## Explanation

You used the ZRETR command to retrieve a previously saved message but there are no messages saved.

---

**DXC8844I**      **No messages to display**

## Explanation

You used the ZRETR command to display messages saved by the retrieve facility but there are no messages saved.

---

**DXC8845E**      **Undefined record ID #RIDCRET for retrieve**

## Explanation

This is an error response to the ZRETR START command. The record ID #RIDCRET that is used by the retrieve facility is not defined to ALCS.

## System action

ALCS does not start retrieve for this terminal.

## System programmer response

To enable the retrieve facility, load a DASD configuration table which defines pool file records with ID #RIDCRET (X'AC08'). See *ALCS Installation and Customization* for information on ALCS record requirements.

## Module

ZRETR

---

**DXC8846E**      **Unable to obtain RCR**

## Explanation

This is an error response to the ZRETR command. The RCR can not be obtained and therefore the pool file record used by ZRETR can not be obtained.

## System action

The requested function can not be performed.

## System programmer response

The RCR is probably in use by another function. Try the command later.

## Module

ZRETR

---

**DXC8850R**      **Please enter your user ID or enter LOGOFF to cancel this logon:**

## Explanation

This message is part of the ALCS logon prompt for IBM ALC and compatible terminals.

## User response

Enter your user ID and press Enter. Alternatively enter 'LOGOFF' and press enter.

---

**DXC8851R**      **Please enter your password or use the format OLD/NEW/NEW to change your password or just press Enter to cancel this logon:**

## Explanation

This message is part of the ALCS logon prompt for IBM ALC and compatible terminals.

## User response

Enter your password and press Enter. If you want to change your password, enter your existing password, followed by a slash (/) character, followed by your new password, followed by a slash character, followed by your new password (again) and press Enter.

---

**DXC8852I**      **Logged off press Enter to start logon:**

## Explanation

You are no longer logged on to ALCS.

## User response

If you want to start or continue using ALCS then press Enter; ALCS will prompt for your user ID and password, if required. If not then you can ignore this message.

---

**DXC8853I**      **No change in CRAS authority**

## Explanation

The device has not changed from one CRAS authority to another.

## System action

ALCS continues processing normally.

---

**DXC8854E Remove current CRAS authority and retry**

---

## Explanation

You have tried to give CRAS status to a device that currently has CRAS authority.

## Operator response

Check that the CRN and CRI of the device you want to modify are correct. Use ZACOM CRASAUTH=NONE command to remove CRAS authority from the device, then retry the command.

---

**DXC8855E Cannot remove Prime CRAS status**

---

## Explanation

You have tried to remove Prime CRAS status from a device without assigning it to another device.

## Operator response

Check that the CRN and CRI of the device you want to modify are correct. Use ZACOM PRC=*crn* to assign Prime CRAS status to another device, then retry the command.

---

**DXC8856E Originator is not authorized**

---

## Explanation

You have tried to give CRAS authority to your own terminal and there is no SAF decision, but your terminal does not have sufficient CRAS authorization to perform the function.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. If CRAS authorization is required then contact your security administrator.

---

**DXC8857E Remove current CRAS status and retry**

---

## Explanation

You have tried to give CRAS authority to a device that currently has CRAS status.

## Operator response

Check that the CRN and CRI of the device you want to modify are correct. Use ZACOM NOCRAS=*crn* command to remove CRAS status from the device, then retry the command.

---

**DXC8858E Cannot remove Read Only CRAS status**

---

## Explanation

You have tried to remove Read Only CRAS status from a device without assigning it to another device.

## Operator response

Check that the CRN and CRI of the device you want to modify are correct. Use ZACOM ROC=*crn* to assign Read Only CRAS status to another device, then retry the command.

---

**DXC8859E Resource is not a display**

---

## Explanation

Self-explanatory.

## Operator response

Correct the typing or syntax error, then retry the command.

---

**DXC8899E Input message format not correct**

---

## Explanation

The format of your input message is not correct.

## User response

Correct the typing or syntax error and retry the input message. If you are unsure of the correct format, consult your supervisor or refer to your installation's documentation.

---

**DXC8900I normal response**

---

## Explanation

This message is a normal response to the command ZDCOM or ZACOM. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8901I No matching resources found**

---

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8902I**      **User data for CRN-*crn* does not exist**

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8903I**      **User data for CRN-*crn* suppressed by installation-wide exit**

## Explanation

ZDCOM USERDATA was issued, but the installation-wide exit program ACD1 determined that the user data should not be displayed.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the command.

## System programmer response

See *ALCS Installation and Customization* for a full description of the installation-wide exit ACD1.

---

**DXC8904I**      **User data for CRN-*crn* cannot be accessed**

## Explanation

ZDCOM USERDATA was issued, but ALCS was unable to access the user data.

## Operator response

Ask your system programmer to inform your IBM programming support representative.

---

**DXC8905I**      *normal response*

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8906I**      **Resource is not the correct type**

## Explanation

This is a response to one of:

- ZDCOM CHANNELS, when the specified resource is not an SLC link

- ZDCOM ALL, when the specified resource is not an X.25 PVC link, a TCP/IP connection, or an MQ connection.
- ZACOM to set or clear BATAP variables, when the specified resource is not an X.25 PVC link or a TCP/IP connection.
- ZACOM RHOST or RHOST $n$ , when the specified resource is not a TCP/IP terminal or a TCP/IP connection.
- ZACOM SCRSZE, when the specified resource is not an ALC terminal.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8907I**      *normal response*

## Explanation

This message is a normal response to the command ZDCOM. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8908I**      **Alternate CRAS number AT $nnn$  is available**

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8909I**      **Alternate CRAS number AP $nnn$  is available**

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8910W**      **No available alternate CRAS number found**

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8911W**      **No available alternate CRAS printer number found**

## Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8912I**      *normal response*

### Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8913I**      *normal response*

### Explanation

This message is a normal response to the command ZDCOM.

---

**DXC8914I**      *normal response*

### Explanation

This message is a normal response to the ZDCOM REDIRECT command.

---

**DXC8920E**      **No matching module found**

### Explanation

This message is an error response to the ZPCTL DISPLAY command.

---

**DXC8921I**      **Communication load module  
MODN-module loaded**

### Explanation

This message is a normal response to the ZACOM LOAD command.

---

**DXC8922I**      **Communication load module  
MODN-module confirmed**

### Explanation

This message is a normal response to the ZACOM CONFIRM command.

---

**DXC8923I**      **Communication load module  
MODN-module committed**

### Explanation

This message is a normal response to the ZACOM COMMIT command.

---

**DXC8924I**      **Communication load module  
MODN-module backed out**

### Explanation

This message is a normal response to the ZACOM BACKOUT command.

---

**DXC8925I**      **List MODN-module loaded**

### Explanation

This message is a normal response to the ZACOM LOAD LIST and ZPCTL LOAD LIST commands.

---

**DXC8926I**      **List MODN-module confirmed**

### Explanation

This message is a normal response to the ZACOM CONFIRM LIST and ZPCTL CONFIRM LIST commands.

---

**DXC8927I**      **List MODN-module committed**

### Explanation

This message is a normal response to the ZACOM COMMIT LIST and ZPCTL COMMIT LIST commands.

---

**DXC8928I**      **List MODN-module backed out**

### Explanation

This message is a normal response to the ZACOM BACKOUT LIST and ZPCTL BACKOUT LIST commands.

---

**DXC8929E**      **CDS is locked**

### Explanation

This message is an error response to the ZACOM or ZPCTL command. This error can occur if ALCS has received simultaneous ZACOM or ZPCTL commands.

### Operator response

Retry the command. If the problem persists, contact your IBM program support representative.

---

**DXC8930I**      **No CDS defined**

### Explanation

This message is a normal response to the ZPCTL REPORT or ZACOM REPORT command. When this message is a response to the ZPCTL REPORT command, your ALCS system does not have a program configuration data set (CDS1) defined. When this message is a response to the ZACOM REPORT command, your ALCS system does not have a communication configuration data set (CDS2) defined.

---

**DXC8931I**      *normal response*

### Explanation

This message is a normal response to the ZPCTL REPORT or ZACOM REPORT command. See ALCS

*Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8937E      No CDS defined**

**Explanation**

This message is an error response to the ZPCTL or ZACOM command. When this message is a response to the ZPCTL command, your ALCS system does not have a program configuration data set (CDS1) defined. When this message is a response to the ZACOM command, your ALCS system does not have a communication configuration data set (CDS2) defined.

---

**DXC8938E      Request is out of sequence**

**Explanation**

This message is an error response to the ZPCTL or ZACOM command.

---

**DXC8939E      Unable to update CDS**

**Explanation**

This message is an error response to the ZPCTL or ZACOM command. If the command was ZPCTL, ALCS was unable to update the program configuration data set (CDS1). If the command was ZACOM, ALCS was unable to update the communication configuration data set (CDS2).

**Operator response**

If a program configuration table is being loaded onto CDS1, or a communication configuration load list is being loaded onto CDS2, one of the load modules referenced by the load list may be missing from the z/OS load library. Use the ZPCTL `Report` or ZACOM `Report` command to check for missing module names in the load list. Alternatively, check for I/O error messages on the ALCS RO CRAS and the z/OS system log. If no I/O errors have been reported, retry the ZPCTL or ZACOM command. If the problem persists, contact your IBM program support representative.

---

**DXC8940E      Invalid command format**

**Explanation**

This message is an error response to command ZACOM.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8941E      Unrecognisable request**

**Explanation**

This message is an error response to command ZACOM.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8942E      No SLC network**

**Explanation**

This message is an error response to command ZACOM.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8943E      Invalid link CRN**

**Explanation**

This message is an error response to command ZACOM.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8944E      Invalid link channel number**

**Explanation**

This message is an error response to command ZACOM.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8945E      Unable -- System state change in progress**

**Explanation**

This command can only progress after the ZASYS command has completed.

**Operator response**

Check the status of ALCS with ZDSYS and then resubmit the command.

---

**DXC8946E      Unable -- Network operation in progress**

**Explanation**

This command cannot progress until the network change has completed.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8947E      Unable -- Link cycling**

**Explanation**

A ZACOM OPEN, CLOSE, START or STOP command is already being performed on this channel.

**Operator response**

Wait until the previous command has completed and try again.

---

**DXC8948E      Unable -- Line(s) not open**

**Explanation**

This message is an error response to command ZACOM.

**Operator response**

Enter ZACOM OPEN to open the channel or link.

---

**DXC8949E      Unable -- Line(s) must be stopped**

**Explanation**

This command cannot be processed until the lines are stopped.

**Operator response**

Enter ZACOM STOP to stop the lines.

---

**DXC8950W      No lines to display**

**Explanation**

You have requested a display of lines but none are available.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8951W      No lines to open**

**Explanation**

You have requested that some lines should be opened but none are available.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8952W      No lines to close**

**Explanation**

You have requested that some lines should be closed but none are open.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8953W      No lines to start**

**Explanation**

You have requested that some lines should be started but none are ready.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8954W      No lines to stop**

**Explanation**

You have requested that some lines should be stopped but none are open.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8955W      Already open**

**Explanation**

You have tried to open a line that is already open.

**Operator response**

Correct the typing or syntax error and retry the command.

---

**DXC8956W      Already closed**

## Explanation

You have tried to close a line that is already closed.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8957W**      **Already started**

## Explanation

You have tried to start a line that is already started.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8958W**      **Already stopped**

## Explanation

You have tried to stop a line that is already stopped.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8959I**      **Open OK**

## Explanation

The line has opened successfully. This message is a normal response to the command ZACOM.

---

**DXC8960I**      **Closed OK**

## Explanation

The line has closed successfully. This message is a normal response to the command ZACOM.

---

**DXC8961I**      **Started OK**

## Explanation

The line has started successfully. This message is a normal response to the command ZACOM.

---

**DXC8962I**      **Stopped OK**

## Explanation

The line has stopped successfully. This message is a normal response to the command ZACOM.

---

**DXC8963E**      **Open failure**

## Explanation

An error has occurred in trying to open a line using the command ZACOM.

## Operator response

Correct the typing or syntax error and retry the command. If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

---

**DXC8964E**      **Close failure**

## Explanation

An error has occurred in trying to close a line using the command ZACOM.

## Operator response

Correct the typing or syntax error and retry the command. If this message occurs frequently, ask your system programmer to inform your high-level-network support representative.

---

**DXC8965I**      **Links processed OK**

## Explanation

This message is a normal response to the command ZACOM.

---

**DXC8966I**      **Started OK**

## Explanation

This message is a normal response to the command ZLKTR.

---

**DXC8967I**      **Stopped OK**

## Explanation

This message is a normal response to the command ZLKTR.

---

**DXC8968W**      **Already started**

## Explanation

You have tried to start a line that is already started. This is an error response to command ZACOM.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8969W**      **Already stopped**

## Explanation

You have tried to stop a line that is already stopped. This is an error response to command ZACOM.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8970E      Start failed**

## Explanation

An error has occurred in starting a line. This is an error response to command ZACOM.

## Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8971E      Stop failed**

## Explanation

An error has occurred in stopping a line. This is an error response to command ZACOM.

## Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8972I      Options set ON OK**

## Explanation

This message is a normal response to the command ZLKTR.

---

**DXC8973I      Options set OFF OK**

## Explanation

This message is a normal response to the command ZLKTR

---

**DXC8974E      TERM/DIAG/BLOCK omitted**

## Explanation

You must specify which terminal, diagnostic file or macro trace block you wish to trace to. This is an error response to command ZLKTR.

## Programmer response

Correct the typing or syntax error and retry the command.

---

**DXC8975E      Link CRN/CRI omitted**

## Explanation

This message is an error response to command ZLKTR.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8976E      Invalid terminal CRN**

## Explanation

This message is an error response to command ZLKTR.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8977E      Invalid parameter on TYPE keyword**

## Explanation

This message is an error response to command ZLKTR.

## Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8978E      No SLC network**

## Explanation

There is no SLC network installed. This is an error response to command ZLKTR.

## Operator response

Inform your system programmer.

---

**DXC8979E      Invalid link channel number**

## Explanation

This message is an error response to command ZLKTR.

## Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8980E**      **Invalid parameter on DATA keyword**

### Explanation

This message is an error response to command ZLKTR.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8981E**      **Invalid link CRN**

### Explanation

This message is an error response to command ZLKTR.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8982E**      **Invalid link CRI**

### Explanation

This message is an error response to command ZLKTR.

### Operator response

See *ALCS Operation and Maintenance* for a full explanation of how to use the commands. Correct the typing or syntax error and retry the command.

---

**DXC8983W**      **Open failure -- Timeout expired**

### Explanation

This message is an error response to command ZLKTR.

### Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8984W**      **Open failure -- Timeout expired  
SLC open processing stopped at  
link *name* channel *name***

### Explanation

This message is an error response to command ZLKTR.

## Operator response

If this message occurs frequently, inform your system programmer.

---

**DXC8985I**      ***normal response***

### Explanation

This message is a normal response to the command ZLKST. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8990I**      ***normal response***

### Explanation

This message is a normal response to the command ZLKTR.

---

**DXC8991I**      **No SLC link trace block entries in use**

### Explanation

This message is a normal response to the command ZLKTR.

---

**DXC8992I**      ***normal response***

### Explanation

This message is a normal response to the command ZLKTR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8993I**      ***normal response***

### Explanation

This message is a normal response to the command ZLKTR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8994I**      ***normal response***

### Explanation

This message is a normal response to the command ZLKTR. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

**DXC8995I**      **SLC link trace status for CRN-*crn*  
Off**

### Explanation

This message is a normal response to the command ZLKTR.

---

**DXC8996E**      **Invalid IP address**

### Explanation

This message is an error response to the command ZACOM RHOST. You have entered an incorrect IP address.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8997E**      **Resource is not a TCP/IP ALC terminal**

### Explanation

This message is an error response to the command ZACOM RHOST. You have entered the CRI or CRN of a communication resource that is not an ALC terminal connected through TCP/IP.

### Operator response

Correct the typing or syntax error and retry the command.

---

**DXC8998I**      **Remote IP address updated**

### Explanation

This message is a normal response to the command ZACOM RHOST.

---

**DXC8999I**      **MATIP sessions ...**

### Explanation

This message is a normal response to the command ZCTCP. See *ALCS Operation and Maintenance* for a full explanation of how to use the commands.

---

# Chapter 11. NetView interface program messages: DXC9000-DXC9099

---

**DXC9000I** Task TSK-'*task\_id*' - DXCPPI active

## Explanation

The NetView Program-to-Program Interface (PPI) module DXCPPI is started.

## System action

DXCPPI continues.

## Module

DXCPPI

---

**DXC9001W** Task TSK-'*task\_id*' - DXCPPI terminated

## Explanation

The NetView Program-to-Program Interface (PPI) module DXCPPI is terminated. This is probably at the request of the NetView operator, but it could be that some modification to the code has caused DXCPPI to terminate abnormally.

## System action

DXCPPI terminates.

## Operator response

In the case of abnormal termination, check NetView for further information, and if necessary consult your system programmer.

## Module

DXCPPI

---

**DXC9002I** Task TSK-'*task\_id*' - DXCPPI initialized

## Explanation

The NetView Program-to-Program Interface (PPI) to ALCS is initialized.

## System action

DXCPPI continues.

## Module

DXCPPI

---

**DXC9003E** Task TSK-'*task\_id*' - Request type RQT-'*request\_type*' failed with return code RC-'*return\_code*'

## Explanation

The NetView Program-to-Program Interface (PPI) request type *request\_type* failed with return code *return\_code*. (See *NetView Program-to-Program Interface* for details.)

## System action

DXCPPI continues.

## User response

Check the PPI receiver-id is properly defined in the NetView fixed-format parameter list AM0TLIST.

## Module

DXCPPI

---

**DXC9004E** Task TSK-'*task\_id*' - Generic alert was lost with return code RC-'*return\_code*'

## Explanation

A NetView Program-to-Program Interface (PPI) Generic Alert received from ALCS was lost with return code *return\_code*.

## Explanation

The *return\_code* is one of:

**4**

The format of the buffer that was passed was invalid.

- 8** The task identified by the operator-id is inactive or is not defined.
- 12** A buffer could not be obtained.
- 16** NetView is terminating.
- 20** Service work block ( SWB ) address is invalid.
- 22** The list specified with the LIST option contained no operator IDs. It contained only unassigned group IDs.
- 23** Messages were routed to the first 255 operators and/or groups.
- 24** An invalid value was specified for priority.

**System action**

DXCPPI continues.

**User response**

Check if the operator-id's are defined in the NetView fixed-format parameter list, AM0TLIST, and that they are active. In case of difficulty, consult your system programmer.

**Module**

DXCPPI

---

<b>DXC9005E</b>	<b>Task TSK-'task_id' - DXCPPI internal logic error</b>
-----------------	---

**Explanation**

There is an internal logic error in a NetView Program-to-Program Interface (PPI) DXCPPI routine.

**System action**

DXCPPI terminates.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCPPI

---

<b>DXC9006E</b>	<b>Task TSK-'task_id' - AM0TLIST omitted or invalid</b>
-----------------	---

**Explanation**

The NetView Program-to-Program Interface (PPI) fixed-format parameter list supplied (AM0TLIST) was omitted or invalid.

**System action**

DXCPPI terminates.

**User response**

Check that the fields in the NetView AM0TLIST member are defined in the correct fixed column positions (see "Automated Operations" in the *ALCS Installation and Customization*). If they are, inform your system programmer.

**Module**

DXCPPI

---

<b>DXC9007E</b>	<b>Task TSK-'task-id' - Message for TA-'ta' was lost with return code RC-'return_code'</b>
-----------------	--

**Explanation**

A NetView Program-to-Program Interface (PPI) message received from ALCS for terminal *ta* was lost with return code *return\_code*.

**Explanation**

The *return\_code* is one of:

- 4** The format of the buffer that was passed was invalid.
- 8** The task identified by the operator-id is inactive or is not defined.
- 12** A buffer could not be obtained.
- 16** NetView is terminating.
- 20** Service work block ( SWB ) address is invalid.
- 22** The list specified with the LIST option contained no operator IDs. It contained only unassigned group IDs.
- 23** Messages were routed to the first 255 operators and/or groups.
- 24** An invalid value was specified for priority.

**System action**

DXCPPI continues.

**User response**

Check if the operator-id's are defined in the NetView fixed-format parameter list, AM0TLIST, and that they

are active. In case of difficulty, consult your system programmer.

**Module**

DXCPPI

---

## Chapter 12. Error Messages for COMTC ADD/ REPLACE: DXC9100-DXC9199

The COMTC ADD and COMTC REPLACE macros require communication resource data to be provided in the Communication Resource Definition DSECT (CT1TM). When ALCS validates that communication resource data, if one or more errors are detected, appropriate error messages are placed in a storage block and passed back to the program which issued the COMTC ADD or COMTC REPLACE macro. A return code in register 15 should be tested to determine if any errors were found. An error message will reside in the storage block for each error condition found. Each error message is a maximum of 80 bytes, therefore the storage block is formatted into 80-byte items. A 4-byte header resides at the beginning of the block containing a count of the error messages that have been placed in the block. Immediately following the header is the first 80-byte error message item. The error message text is in EBCDIC and the message contains a prefix DXCnnnnE, where the message number *nnnn* is in the range 9100 to 9199.

This section describes all the DXC91nnE error messages and provides guidance on how each error can be corrected. The CEUS may wish to just pass these error messages back to the end user, or it may wish to inform the user in some other way.

---

**DXC9101E**      **Parameter not allowed for this resource type**

### Explanation

The communication resource definition contains data that is not relevant for this resource type.

### System action

ALCS does not perform this change request.

### User response

Check the description of each field in the Communication Resource Definition DSECT (CT1TM) to determine which fields are relevant for the communication resource type that this resource belongs to. Identify the fields in CT1TM that are marked as not relevant for this communication resource type and ensure that those fields contain hexadecimal zero.

### Module

DXCOCTM

---

**DXC9102E**      **Application name not specified (for routing messages from terminal)**

### Explanation

The name of the ALCS application to which ALCS is to route messages for this new terminal has not been specified.

### System action

ALCS does not perform this change request.

### User response

Provide the ALCS application name in field CT1APL in the Communication Resource Definition DSECT (CT1TM).

### Module

DXCOCTM

---

**DXC9103E**      **Name of owning MQ/WAS resource not specified**

### Explanation

The name of the ALCS MQ queue resource (LDTYPE=MQ) that owns this MQ terminal or the name of the ALCS WAS resource (LDTYPE=WAS) that owns this WAS terminal has not been specified.

### System action

ALCS takes no action on this change request.

### User response

Provide the name of the owning MQ queue resource in field CT1MQL or provide the name of the owning WAS resource in field CT1WSL in the Communication Resource Definition DSECT (CT1TM).

### Module

DXCOCTM

---

**DXC9104E      Other system communication identifier not specified**

---

**Explanation**

The system communication ID of the other system that owns this OSYS Other System terminal has not been specified.

**System action**

ALCS does not perform this change request.

**User response**

Provide the system communication ID of the other system in field CT1COM in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9105E      Cross system identifier not specified**

---

**Explanation**

The cross system identifier for this OSYS Other System terminal has not been specified (the cross system identifier is the address of this terminal on the other system).

**System action**

ALCS does not perform this change request.

**User response**

Provide the cross system identifier in field CT1CSI in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9106E      Terminal device type not specified**

---

**Explanation**

The device type has not been specified for this terminal.

**System action**

ALCS does not perform this change request.

**User response**

Set the appropriate terminal type symbol in field CT1TRM in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9107E      LEID address not specified**

---

**Explanation**

The Logical End-point IDentifier (LEID) address by which this terminal is known by ALCI has not been specified.

**System action**

ALCS does not perform this change request.

**User response**

Provide the LEID address for this VTAM/ALCI ALC terminal in field CT1LEI in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9108E      Terminal address values not complete**

---

**Explanation**

The addressing information for the X.25 or TCP/IP MATIP terminal is incomplete.

**System action**

ALCS does not perform this change request.

**User response**

Ensure that all the required addressing information is provided in the Communication Resource Definition DSECT (CT1TM). An X.25 ALC terminal requires a terminal address in field CT1CTA and an interchange address in field CT1CIA. A TCP/IP MATIP terminal requires a terminal address in field CT1CTA, an A1 address value in field CT1TCI, and an A2 address value in field CT1CIA.

**Module**

DXCOCTM

---

**DXC9109E**      **Name of owning X.25 PVC not specified**

**Explanation**

The name of the ALCS X.25 PVC resource (LDTYPE=X25PVC) that owns this X.25 ALC terminal has not been specified.

**System action**

ALCS does not perform this change request.

**User response**

Provide the name of the owning X.25 PVC resource in field CT1PVC in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9110E**      **Invalid application name (for routing messages from terminal)**

**Explanation**

The name of the ALCS application to which ALCS is to route messages for this terminal is invalid.

**System action**

ALCS does not perform this change request.

**User response**

Correct the ALCS application name in field CT1APL in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9111E**      **Invalid associated resource name**

**Explanation**

The name of the ALCS communication resource that is to be associated with this terminal is invalid.

**System action**

ALCS does not perform this change request.

**User response**

Correct the name of the associated resource in field CT1ASD in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9112E**      **Invalid initial status for terminal**

**Explanation**

The initial status of this ALCS communication resource has been incorrectly defined. For example, the initial status of an ALC terminal can not be defined as *shared*.

**System action**

ALCS does not perform this change request.

**User response**

Set the appropriate initial status symbol in field CT1IST in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9113E**      **Invalid terminal device type**

**Explanation**

The device type that has been specified for this terminal is invalid. For example, when the communications resource type is a VTAM 3270, the terminal type can not be defined as an ALC 4505 display.

**System action**

ALCS does not perform this change request.

**User response**

Set the correct terminal type symbol in field CT1TRM in the Communication Resource Definition DSECT (CT1TM).

**Module**

DXCOCTM

---

**DXC9114E**      **CRAS status incorrectly defined**

## Explanation

The alternate CRAS status for this terminal is incorrectly defined.

## System action

ALCS does not perform this change request.

## User response

Set the correct alternate CRAS type symbol in field CT1CRS and the correct alternate CRAS number in field CT1ALT in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9115E Invalid X.25 PVC type (must be type 1, 6 or 7)**

## Explanation

The PVC type for this X.25 PVC has been incorrectly defined.

## System action

ALCS does not perform this change request.

## User response

Set the correct PVC type symbol in field CT1PRT in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9116E Invalid interchange (A2) address**

## Explanation

The interchange address provided for an X.25 ALC terminal, or the A2 address value provided for a TCP/IP MATIP terminal, is invalid.

## System action

ALCS does not perform this change request.

## User response

Provide a valid interchange address (or A2 address value) in field CT1CIA in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9117E Invalid terminal address**

## Explanation

The terminal address provided for an X.25 ALC terminal or a TCP/IP MATIP terminal is invalid.

## System action

ALCS does not perform this change request.

## User response

Provide a valid terminal address in field CT1CTA in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9118E Invalid gateway TCP/IP address**

## Explanation

The address of the remote TCP/IP gateway to which this TCP/IP ALC terminal is attached is invalid.

## System action

ALCS does not perform this change request.

## User response

Set the correct gateway TCP/IP address in field CT1RHT in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9119E Output message translation incorrectly defined**

## Explanation

The output message translation option has been incorrectly specified for this X.25 or TCP/IP ALC terminal.

## System action

ALCS does not perform this change request.

## User response

Set the correct symbol for the message translation option in field CT1CDE in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9120E** Logon option and test option can not both be defined

## Explanation

The logon option (for SAF authorization checking) and the test option (for the ALCS STV facility) have both been requested for this communication resource. Only one of these options is permitted, not both.

## System action

ALCS does not perform this change request.

## User response

Set either the logon symbol or the test symbol for this communication resource in field CT1FLA in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9121E** Other system communication identifier is invalid

## Explanation

The system communication ID of the other system that owns this OSYS Other System terminal is invalid.

## System action

ALCS does not perform this change request.

## User response

Provide a system communication ID that is an alphabetic character A through Z in field CT1COM in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9122E** Invalid default user-ID

## Explanation

The default user ID (used for SAF authorization checking) provided for this communications resource is invalid

## System action

ALCS does not perform this change request.

## User response

Provide a valid default user ID in field CT1UID in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9123E** Invalid printer buffer size

## Explanation

The printer buffer size provided for this ALC printer is invalid. Alternatively, a buffer size has been defined for a display terminal.

## System action

ALCS does not perform this change request.

## User response

Define a printer buffer size between 0 and 4000 in field CT1BUF in the Communication Resource Definition DSECT (CT1TM). Alternatively, if this communication resource is a display terminal, the printer buffer size must be defined as hexadecimal zero in field CT1BUF in CT1TM.

## Module

DXCOCTM

---

**DXC9124E** Invalid communications resource type

## Explanation

The name of the communications resource type for this communication resource is invalid.

## System action

ALCS does not perform this change request.

## User response

Select one of the 8 valid communication resource types and define its name in field CT1TYP in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9125E**      **Owning ALCI LU is invalid**

## Explanation

The name of the ALCI Logical Unit (LDTYPE=VTAMALC) through which ALCS accesses this ALC terminal is unknown to ALCS.

## System action

ALCS does not perform this change request.

## User response

Ensure that the ALCI LU has been defined in the ALCS communications generation and correct the name of the ALCI LU in field CT1NEF in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9126E**      **Owning X.25 PVC is invalid**

## Explanation

The name of the X.25 PVC (LDTYPE=X25PVC) through which ALCS accesses this X.25 ALC terminal is unknown to ALCS.

## System action

ALCS does not perform this change request.

## User response

Ensure that the X.25 PVC has been defined in the OCTM database and correct the name of the owning X.25 PVC in field CT1PVC in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9127E**      **Owning MQ/WAS is invalid**

## Explanation

The name of the MQ queue resource (LDTYPE=MQ) or WAS resource (LDTYPE=WAS) through which ALCS accesses this MQ terminal or WAS terminal is unknown to ALCS.

## System action

ALCS does not take action on this change request.

## User response

Ensure that the MQ queue resource or the WAS resource has been defined in the ALCS communications generation and correct the name of the owning MQ queue in field CT1MQL or the name of the owning WAS resource in CT1WSL in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9128E**      **Owning TCP/IP connection is invalid**

## Explanation

The name of the TCP/IP server connection (LDTYPE=TCPIP) through which ALCS accesses this TCP/IP terminal is unknown to ALCS.

## System action

ALCS does not perform this change request.

## User response

Ensure that the TCP/IP server connection has been defined in the ALCS communications generation and correct the name of the TCP/IP connection in field CT1TCL in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9129E**      **Screen size incorrectly defined for printer**

## Explanation

A screen size has been defined for printer terminal.

## System action

ALCS does not perform this change request.

## User response

If this communication resource has been correctly defined as a printer terminal, then the screen size must be hexadecimal zero in field CT1SCR in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9130E**      **Logon option and default user-ID can not both be defined**

## Explanation

The logon option (for SAF authorization checking) and a default user ID have both been defined for this communication resource. Only one of these is permitted, not both.

## System action

ALCS does not perform this change request.

## User response

Set either the logon symbol for this communication resource in field CT1FLA or provide a default user ID in field CT1UID in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9131E**      **Owning TCP/IP connection is not a server**

## Explanation

The TCP/IP connection (LDTYPE=TCPIP) through which ALCS accesses this TCP/IP terminal is not a TCP/IP server connection.

## System action

ALCS does not perform this change request.

## User response

Identify the TCP/IP server connection that owns this TCP/IP terminal and put the name of that server connection in field CT1TCL in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9133E**      **CRN for X.25 terminal contains invalid IA or TA**

## Explanation

The communications resource name (CRN) for the X.25 ALC terminal is comprised of a base CRN plus up to two addresses (a terminal address and an interchange address). One or both of those addresses are invalid.

## System action

ALCS does not perform this change request.

## User response

Verify that the Interchange address defined in field CM1CIA and the terminal address defined in field CT1CTA (in the Communication Resource Definition DSECT (CT1TM)) are the same as the interchange and terminal addresses in the CRN.

## Module

DXCOCTM

---

**DXC9134E**      **Invalid timeout value for printer answerbacks**

## Explanation

The printer answerback timeout value is too high.

## System action

ALCS does not perform this change request.

## User response

Verify that the timeout value for printer answerbacks for this ALC printer has been defined at a value between 0 and 300 in field CT1TMO in the Communication Resource Definition DSECT (CT1TM).

## Module

DXCOCTM

---

**DXC9135E**      **Invalid timeout value for test message transmission interval**

## Explanation

The printer test message transmission interval is too high.

### System action

ALCS does not perform this change request.

### User response

Verify that the timeout value for the test message transmission interval for this ALC printer has been defined at a value between 0 and 910 in field CT1TMO in the Communication Resource Definition DSECT (CT1TM).

### Module

DXCOCTM

---

**DXC9136E**      **Invalid timeout value for recovery  
retry count**

### Explanation

The printer recovery retry count is too high.

### System action

ALCS does not perform this change request.

### User response

Verify that the timeout value for the recovery retry count for this ALC printer has been defined at a

value between 0 and 30 in field CT1TMO in the Communication Resource Definition DSECT (CT1TM).

### Module

DXCOCTM

---

**DXC9137E**      **Inhibiting Scrolling is not allowed**

### Explanation

Inhibiting scrolling is not allowed for this resource type.

### System action

ALCS does not perform this change request.

### User response

Correct the CT1TM.

### Module

DXCOCTM

---

## Chapter 13. System error codes: 000000-000FFF

---

### 000000      **ZDUMP message**

#### Explanation

A manual dump was requested by entering the ZDUMP command. The *message* is a copy of the data entered with the ZDUMP command.

#### System action

ALCS continues processing normally.

#### Module

DXCCOMP, DXCOMR, DXCCOMT

this information to check, for example, if an ECB-controlled program issued a monitor-request macro with incorrect register contents.

#### Module

Any ALCS online monitor module.

---

### 000001      **PROGRAM EXCEPTION IN ONLINE MONITOR**

#### Explanation

There was a program exception while the ALCS online monitor was executing.

#### System action

If there is an active entry, then ALCS terminates it and continues. If there is no active entry, then ALCS ends abnormally.

#### Operator response

If ALCS goes catastrophic then activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

#### System programmer response

If an application program did *not* cause the system error then inform your IBM programming support representative.

#### Problem determination

ALCS diagnostic file processor prints the type of program interruption in the system error dump header. If there is an active entry then it is possible that an application programming error caused the system error. The system error dump contains information about the active entry (for example, the ECB). Use

---

### 000003      **PROGRAM EXCEPTION IN APPLICATION PGM *program\_name***

#### Explanation

There was a program exception while an ALCS application program was executing.

#### System action

ALCS terminates the entry.

#### Problem determination

ALCS diagnostic file processor prints the type of program interruption in the system error dump header.

#### Module

Any ECB-controlled program.

---

### 000004      **NO BASE REGISTER FOR ERROR RETURN**

#### Explanation

An ALCS online monitor routine requested a system error dump. The system error routines could not return control to the routine that requested the system error dump.

#### System action

ALCS ends abnormally.

#### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCPCH

---

**000005           INVALID MONITOR REQUEST  
                  CODE**

## Explanation

An ECB-controlled program issued a monitor-request macro linkage instruction, BRANCH AND SAVE AND SET MODE (BASSM), but the 2 bytes following the BASSM did not contain a valid monitor request code.

## System action

ALCS terminates the entry.

## User response

Check if the application program issued a monitor-request macro for a user-written monitor service. If so, check that the installation-wide exit routine correctly implements the service.

## Module

DXCNUC

---

**000006           STORAGE LEVEL ALREADY IN USE**

## Explanation

An ECB-controlled program issued a GETCC or implied get storage monitor-request macro with a storage block already attached at the ECB or DECB storage level.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTM, DXCHLD

---

**000007           STORAGE LEVEL NOT IN USE**

## Explanation

An ECB-controlled program issued a RELCC or implied release storage monitor-request macro with no block attached at the ECB or DECB storage level.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTM

---

**000008           RECORD(S) HELD AT EXIT**

## Explanation

An ECB-controlled program issued an EXITC monitor-request macro with one or more records held.

## System action

ALCS unholds the records before it terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCVFA

---

**000009           RELEASE STORAGE ERROR - SU  
                  STORAGE CONTROL CORRUPTED**

## Explanation

During release storage processing ALCS detected corruption of fields it uses to manage storage for the entry. This is most likely caused by the application working through data and stepping outside a storage block. General register 14 points to the area where corruption was observed.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTM

---

**00000A           INVALID ECB I/O COUNT**

## Explanation

The ALCS online monitor detected that the ECB I/O counter for an entry was invalid.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCNUC

---

**00000B           INVALID LEVEL REFERENCE**

## Explanation

An ECB-controlled program issued a monitor-request macro that specified an ECB or DECB storage level or data level, but the level reference was invalid. Valid ECB level references are D0 (value 0), D1 (value 8), and so on up to DF (value decimal 120).

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTM, DXCVFM

---

**00000C           CORRUPTED ECB ADDRESS**

## Explanation

An ECB-controlled program issued a monitor-request macro, but the ECB base register, general register 9 (REB), did not contain the ECB address.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCNUC

---

**00000D           INVALID RELEASE STORAGE  
BLOCK *variable***

## Explanation

An ECB-controlled program issued a RELCC or implied release storage monitor-request macro, but the block address or type was invalid. *Variable* is either ADDRESS or TYPE.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTM

---

**00000E           FLIPC - INVALID LEVEL  
REFERENCE**

## Explanation

An ECB-controlled program issued a FLIPC monitor-request macro. One or both of the level references was invalid. Valid level references are D0 (value 0), D1 (value 8), and so on up to DF (value decimal 120).

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

**00000F           ENTRY LIFE LIMIT EXCEEDED**

## Explanation

The entry exceeded its maximum entry life. The ALCS generation specifies two entry life limits; the entry can use the SLIMC monitor-request macro to reset one, but the other is fixed. This error occurs if the entry exceeds either limit.

## System action

ALCS terminates the entry.

## Programmer response

If the entry exceeded the limit that SLIMC can reset, and if the entry genuinely needs to execute for a very long time, then include a SLIMC monitor-request macro in the application to increase the entry life limit for this type of entry.

## Module

DXCTIR

---

**000010            APPLICATION LOOP TIMEOUT**

## Explanation

An application program executed too many instructions without releasing control. ALCS detects this when an application program executes for more than a certain amount of time without releasing control. The amount of time depends on the processor.

## System action

ALCS terminates the entry.

## Programmer response

If the application program genuinely needs to execute a very large number of instructions, include DEFRC or DLAYC monitor-request macros to ensure that the entry loses control.

## Module

DXCTIR

---

**000011            ABEND OTHER THAN PROGRAM  
                  EXCEPTION FROM MVS**

## Explanation

MVS ABEND that is not a program exception.

## System action

If there is an active entry, then ALCS terminates it and continues. If there is no active entry, then ALCS ends abnormally.

## Operator response

If ALCS goes catastrophic then activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Check the ALCS job log for any other messages associated with this error. If associated with HLL programs check that sufficient secondary storage is defined in the SCTGEN and that DXCHLIB specifies the correct LE runtime library.

If the problem is associated with HLL programs and the problem can be recreated then use conversational trace to trace the macros called by the HLL program and determine where the error occurs. Tracing is described in *ALCS Operation and Maintenance*.

## Problem determination

ALCS diagnostic file processor prints either the system completion code or the user completion code, as well as the hexadecimal reason code in the system error dump header.

*MVS System Codes* lists MVS system completion codes and reason codes. User completion codes and reason codes appear in documents for the component, subsystem, or product that issues the codes.

The system error dump also includes the system diagnostic work area (SDWA). The SDWA contains information that can help problem determination; *MVS Diagnosis: Data Areas* describes the SDWA.

If the ALCS diagnostic file processor does not print a completion code and message then the abend is a User Abend and the System Code is 000000.

If the program being executed is a High Level Language (HLL) program refer to Language Environment® *Debugging and Run-Time Messages Guide* for the meaning of the user completion code. A CTL-000011 can occur if you attempt to execute a HLL program and no secondary storage units are available or if the LE runtime library is not specified in the ALCS JCL deck (or ISPF panel) as ddname DXCHLIB.

## Module

Any ALCS online monitor module or any ECB-controlled program.

---

**000012            EXCEPTION DUMP TABLE -  
                  SYSTEM ERROR**

## Explanation

An internal ALCS error occurred during processing of a ZASER or ZDSER command.

## System action

ALCS continues processing normally.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

CVCH

---

**000013            ENTRY SERRC LIMIT EXCEEDED**

## Explanation

An ECB-controlled program issued a SERRC, SYSRA, or CPDMP monitor-request macro that exceeded the entry system error limit. The ALCS generation specifies two entry system error limits; the entry can use the SLIMC monitor-request macro to reset one, but the other is fixed. This error occurs if the entry exceeds either limit.

## System action

ALCS terminates the entry.

## Programmer response

If the entry exceeded the limit that SLIMC can reset, and if the entry genuinely needs to generate a large number of system errors, then include a SLIMC monitor-request macro in the application to increase the entry system error limit for this type of entry.

## Module

DXCPCH

---

**000014            PURGC - NOT FROM ZASYS ECB**

## Explanation

An ECB-controlled program issued a PURGC monitor-request macro, but the entry was not authorized to

issue PURGC. Only state change entries are authorized to issue PURGC.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCPHM

---

**000015            PURGC - INVALID PARAMETERS**

## Explanation

An ECB-controlled program issued a PURGC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCPHM

---

**000016            ENTRY ACTIVE DURING STATE  
                  CHANGE**

## Explanation

The entry was active when a state change to IDLE was initiated.

### System action

ALCS terminates the entry.

### Module

DXCNUC

---

**000017**            **ENTRY PURGED BY REQUEST**

### Explanation

The operator entered ZPURG to terminate the entry.

### System action

ALCS terminates the entry, and continues.

### Operator response

Inform the application owner that you purged the entry (and why).

### Module

DXCPHM

---

**000018**            **TRACE ENTRY ACTIVE DURING  
STATE CHANGE**

### Explanation

The entry was active when a state change to IDLE was initiated.

### System action

ALCS terminates the entry.

### Module

DXCGTF

---

**000019**            **TRACE ENTRY PURGED BY  
REQUEST**

### Explanation

The operator entered ZPURG to terminate the entry.

### System action

ALCS terminates the entry and continues.

### Operator response

Inform the application owner that you purged the entry (and why).

### Module

DXCGTF

---

**00001A**            **CAN NOT LOG RECORD**

### Explanation

ALCS was unable to write a record to the log.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

### Module

DXCLOG

---

**00001B**            **ENTRY PURGED BY FORCE  
REQUEST**

### Explanation

The operator entered ZPURG Force to terminate the entry.

### System action

ALCS terminates the entry, and continues. ALCS marks the storage unit containing the ECB for the entry, together with any storage units that are chained from it, as *quarantined*. This ensures that the storage unit(s) will not be dispensed again until ALCS is restarted.

### Operator response

Inform the application owner that you purged the entry (and why).

### Module

DXCPHM

---

**00001C**            **CAN NOT LOG RECORD IN HALT  
STATE**

### Explanation

ALCS was unable to write a record to the ALCS update log file during termination.

## System action

ALCS continues with termination.

**Note:** This system error does not generate a system error dump.

## Module

DXCLOG

---

**00001D**            **INVALID ESTAE(S) REMOVED**

## Explanation

During EXITC processing, ALCS detected one or more invalid ESTAEs (z/OS Extended Specify Task Abnormal Exit). Those ESTAEs were removed by ALCS. General register 3 (RGB) contains the address of the invalid ESTAE. This system error is generated when the event occurs for the first time; it is not generated when the event recurs, until the next ALCS restart.

## System action

ALCS continues with EXITC processing.

**Note:** This system error does not generate a system error dump.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCPGM

---

**00001F**            **Input list shut for too long**

## Explanation

The Input list has been shut for too long. The ALCS dispatcher threshold has been reached.

## System action

ALCS terminates the entry.

## System programmer response

Investigate the reason why the input list has been shut for too long.

## Module

DXCTIR

---

**000020**            **macro - INVALID ACTION CODE**

## Explanation

An ECB-controlled program issued a *macro* monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid. *macro* is one of:

RAISC - the macro issued is RAISA, GDSNC, or GDSRC  
RIDIC  
RONIC

## System action

ALCS terminates the entry.

## User response

Check if the application program issued a monitor-request macro for a user-written monitor service. If so, check that the installation-wide exit routine correctly implements the service. If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCFAR

---

**000021**            **RIDIC - INVALID AREA CODE**

## Explanation

An ECB-controlled program issued a RIDIC monitor-request macro with an invalid area code.

## System action

ALCS terminates the entry.

## User response

Check if the application program issued a monitor-request macro for a user-written monitor service. If so, check that the installation-wide exit routine correctly implements the service. If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCFAR

---

**000022**            **FIND - BLOCK ALREADY ATTACHED**

## Explanation

An ECB-controlled program issued a find-type monitor-request macro with a storage block already attached at the storage level.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCVFM

---

### 000023 FILE - NO BLOCK ATTACHED

## Explanation

An ECB-controlled program issued a file-type monitor-request macro with no storage block attached at the storage level.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCVFM

---

### 000024 *macro* - FILE ADDRESS NOT HELD

## Explanation

An ECB-controlled program issued a FILUC (unhold file address) or an UNFRC (request unhold file address) monitor-request macro, but the file address was not held.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCVFM

---

### 000025 FIND - DATA LEVEL CORRUPTED AT COMPLETION

## Explanation

The storage level was corrupted between the time that an ECB-controlled program issued a find-type monitor-request macro and the time that the I/O completed.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCVFP

---

### 000026 VFA - NO BUFFER AVAILABLE

## Explanation

ALCS cannot obtain a VFA buffer.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Problem determination

Check the system error dump to see why the VFA buffers are in use. The shortage of buffers can indicate, for example:

- The ALCS generation did not specify enough buffers.
- The ALCS generation specified entry write limits that are too high. This can allow entries to request I/O faster than the DASDs can respond.
- A DASD is not working correctly, or requires too many error recovery retries.
- An exceptional amount or type of work requires extra buffers.

## Module

DXCVFB

---

### 000027 VFA LOGIC ERROR - *reason*

## Explanation

There is an internal logic error in an ALCS routine. The error is in the online monitor VFA routines. *Reason* is one of:

BAD F.A. IN VFAGETB (F.A. = "file address")  
IOCB REQUEST INVALID (IOCB = "I/O control block")  
LOCKS HELD ON RETURN  
NO OVERFLOW RLT ITEM AVAILABLE (RLT = "record locator table")  
BAD RLT UNLOCK  
BAD AGE LIST UNLOCK  
STAGING BUFFER ERROR  
TABLES CORRUPTED

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCVFA, DXCVFB, DXCVFP

---

**000028**                    **FILE - RECORD HELD BY ANOTHER ENTRY**

## Explanation

An ECB-controlled program issued a file-type monitor-request macro, but another entry was holding the file address. Application programs use record hold to ensure consistent updates when several entries can update the same record at the same time. This error occurs because two (or more) entries are using record hold inconsistently; one entry holds the record to prevent parallel updates but the other entry updates (files) the record without holding it.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Problem determination

The system error dump includes two system error dump areas. Area 1 contains the VFA buffer header for the record held. Area 2 contains information about the entry that was holding the record (block descriptor, ECB descriptor, ECB prefix, and ECB).

## Module

DXCVFM

---

**000029**                    **ECB LEVEL ERROR - I/O IN PROGRESS**

## Explanation

An ECB-controlled program issued a monitor-request macro which attempted to use a level on which I/O is in progress.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCGTC, DXCSTG, DXCSTM, DXCVFM

---

**00002A**                    **ID CHANGE NOT ALLOWED BY EXIT**

## Explanation

An ECB-controlled program issued a file-type monitor-request macro, for a long-term pool record. The record ID and the record code check is different from the previously filed copy of the record. The USRPIDC installation-wide exit has been invoked, and the ID change is not allowed.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCGFE

---

**00002B**            **FLNPC -- RESTORE NOT  
AUTHORIZED**

### Explanation

An ECB-controlled program issued an FLNPC TYPE=RESTORE monitor-request macro, but either Restore is not running or the originating entry was not the Prime CRAS.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This monitor-request macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCVFA

---

**00002C**            **FIND -- ECB HOLD COUNT LIMIT  
EXCEEDED**

### Explanation

An ECB-controlled program issued a find and hold monitor-request macro, but the record hold count for the entry was already at the maximum allowed. The ALCS generation specifies two entry record hold count limits; the entry can use the SLIMC monitor-request macro to reset one, but the other is fixed. The error occurs if the entry exceeds either limit.

### System action

ALCS terminates the entry.

### Programmer response

If the entry exceeded the limit that SLIMC can reset, and if the entry genuinely needs to hold a large number of records, then include a SLIMC monitor-request macro in the application to increase the record hold count limit for this type of entry.

## Module

DXCVFM

---

**00002D**            **FILE - INVALID FILE ADDRESS -  
CLASS ERROR**

### Explanation

An ECB-controlled program issued a file-type monitor-request macro, but the file address was invalid.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

## Module

DXCVFM, DXCVFP

---

**00002E**            **FILE - RECORD ID ERROR**

### Explanation

An ECB-controlled program issued a file-type monitor-request macro, but the record identifier (ID) in the data level was not the same as the record ID in the storage block.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

## Module

DXCVFM

---

**00002F**            **FILE - RCC ERROR**

### Explanation

An ECB-controlled program issued a file-type monitor-request macro, but the record code check (RCC) in the data level was not the same as the RCC in the storage block.

### System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCVFM

---

**000031            DATABASE UNUSABLE - TOO  
                  MANY I/O ERRORS**

## Explanation

Too many consecutive I/O errors have occurred on the only copy of an ALCS data set.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Problem determination

Check the RO CRAS message, the EREP listing, and the MVS SYSLOG for more information about the error.

## Module

DXCDAI

---

**000032            FILE - WRONG BLOCK SIZE**

## Explanation

An ECB-controlled program issued a file-type monitor-request macro, but the size of the storage block was not the same as the size of the DASD record.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCVFM

---

**000033            UNABLE TO BUILD SYSTEM ERROR  
                  DUMP AREA**

## Explanation

ALCS was unable to build the system error dump area that was intended to be included in a system error dump.

## System action

The system error dump area is omitted from the system error dump. ALCS continues processing normally.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCVFM

---

**00003D            NO STAGING BUFFERS**

## Explanation

ALCS does not have enough resources to write to the test data set.

## System action

ALCS ends abnormally.

## System programmer response

This condition should not occur. If it does, inform your IBM programming support representative.

## Module

DXCTDB

---

**00003E            TEST DATABASE PUT FAILURE**

## Explanation

An error occurred when ALCS was writing to the test data set.

## System action

ALCS issues message DXC179T and ends abnormally. Note that the user completion code associated with this system error is 0003 indicating a double nested error. This is because ALCS attempts to write to the test data set during termination.

## Problem determination

Refer to message DXC179T.

**Module**

DXCTDB

---

**00003F TEST DATABASE OPEN FAILURE**

---

**Explanation**

An error occurred when ALCS was opening the test data set.

**System action**

ALCS issues message DXC180T and ends abnormally.

**Problem determination**

Refer to message DXC180T ([“DXC180T” on page 25](#)).

**Module**

DXCTDB

---

**000040 SEQUENTIAL FILE NOT DEFINED**

---

**Explanation**

An ECB-controlled program issued a sequential file monitor-request macro, but the sequential file was not defined in the ALCS sequential file generation.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSEQM

---

**000041 SEQUENTIAL FILE NOT GENERAL**

---

**Explanation**

An ECB-controlled program issued a general sequential file monitor-request macro, but the sequential file was defined in the ALCS sequential file generation as a real-time or system sequential file.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSEQM

---

**000042 SEQUENTIAL FILE NOT REAL-TIME**

---

**Explanation**

An ECB-controlled program issued a real-time sequential file monitor-request macro, but the sequential file was defined in the ALCS sequential file generation as a general or system sequential file.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSEQM

---

**000043 SEQUENTIAL FILE NOT ASSIGNED TO ENTRY**

---

**Explanation**

An ECB-controlled program issued a general sequential file monitor-request macro, but the sequential file was not assigned to the entry.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSEQM

---

**000044 TASNC - SEQ FILE ALREADY ASSIGNED TO ENTRY**

---

**Explanation**

An ECB-controlled program issued a TASNC monitor-request macro, but the sequential file was already assigned to the entry.

**System action**

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSEQM

---

**000045**            **TASNC - SEQUENTIAL FILE NOT OPEN**

### Explanation

An ECB-controlled program issued a TASNC monitor-request macro, but the sequential file was not open.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSEQM

---

**000046**            **TOPNC - SEQUENTIAL FILE ALREADY OPEN**

### Explanation

An ECB-controlled program issued a TOPNC monitor-request macro, but the sequential file was already open.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSEQM

---

**000047**            **SEQUENTIAL FILE OUTPUT ONLY**

### Explanation

An application program attempted to open a sequential file for input or to read from a sequential file, but the sequential file was defined in the ALCS sequential file generation as an output sequential file.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSEQM

---

**000048**            **SEQUENTIAL FILE INPUT ONLY**

### Explanation

An application program attempted to open a sequential file for output or to write to a sequential file, but the sequential file was defined in the ALCS sequential file generation as an input sequential file.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSEQM

---

**000049**            **TSQCC - ENTRY NOT AUTHORIZED**

### Explanation

An ECB-controlled program issued a TSQCC monitor-request macro, but the entry was not authorized to issue TSQCC. Only entries that originate from Prime CRAS input messages are authorized to issue TSQCC.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSEQM

---

**00004A**            **TCLSC - ENTRIES WAITING TO  
ASSIGN FILE**

## Explanation

An ECB-controlled program issued a TCLSC monitor-request macro, but other entries were waiting to assign the sequential file.

## System action

ALCS terminates the entries that are waiting to assign the sequential file.

## Programmer response

Correct the programming error.

## Module

DXCSEQM

---

**00004B**            **INVALID DATA LEVEL**

## Explanation

An ECB-controlled program issued a sequential file monitor-request macro that specified an invalid ECB level. Valid level references are D0 (value 0), D1 (value 8), and so on up to DF (value decimal 120).

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSEQM

---

**00004C**            **TDTAC - INVALID OPERATION  
CODE**

## Explanation

An ECB-controlled program issued a TDTAC monitor-request macro, but the data level contained a channel command word (CCW) with an unsupported operation code. ALCS TDTAC only supports operation codes hexadecimal 01 (write) and 02 (read).

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSEQM

---

**00004D**            **INVALID DATA ADDRESS OR  
LENGTH**

## Explanation

An ECB-controlled program issued a sequential file monitor-request macro. The storage address and length for the data specified a storage area that the application program does not have write (store) access to.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSEQM

---

**00004E**            **TWRTC - UNRECOVERABLE WRITE  
ERROR**

## Explanation

An ECB-controlled program issued a TWRTC monitor-request macro. An unrecoverable I/O error occurred during the write.

## System action

ALCS terminates the entry.

## Problem determination

Check the EREP listing for more information about the I/O error, and if necessary get the unit serviced.

## Module

DXCSEQM

---

**00004F**            **SEQUENTIAL FILE ASSIGNED AT  
EXIT**

## Explanation

An ECB-controlled program issued an EXITC monitor-request macro with one or more sequential files still assigned to the entry.

## System action

ALCS closes the sequential files.

## Programmer response

Correct the programming error.

## Module

DXCSEQR

---

**000050 TOPNC - ERROR DURING OPEN**

## Explanation

An ECB-controlled program issued a TOPNC monitor-request macro, but ALCS could not allocate or open the data set. This error can occur if the definition of the sequential file is wrong; for example, if the specified data set name is not on the specified volume.

## System action

ALCS terminates the entry.

## Problem determination

General register 15 (RDB) contains a type code in byte 1 and a return code in bytes 2 and 3. The meaning of the return code depends on the type code as follows:

### Type

#### Meaning of Return Code

#### 01

Error return from MVS SVC 99 Function (DYNALLOC macro). The return code is the SVC 99 error reason code.

*MVS Authorized Assembler Services Guide* describes these error reason codes. For some error reason codes there is also an information reason code. General register 14 (RDA) contains this information reason code.

#### 02

Error return from MVS GETMAIN macro. ALCS was unable to obtain storage for I/O buffers for the data set. The return code is the contents of general register 15 on return from GETMAIN.

*MVS Authorized Assembler Services Guide* describes these return codes.

#### 03

Error return from MVS PGSER macro. ALCS was unable to page fix the I/O buffers for the data set. The return code is the contents of general register 15 on return from PGSER.

*MVS Authorized Assembler Services Guide* describes these return codes.

#### 04

Error return from MVS OPEN macro. ALCS was unable to open the data set. The return code is zero (there is no return code from OPEN).

#### 05

System ABEND. The ALCS subtask that allocates and opens the data sets ended abnormally. The return code is the system completion code.

*MVS System Codes* describes system completion codes.

#### 06

User ABEND. The ALCS subtask that allocates and opens the data sets ended abnormally. The return code is the user completion code. This condition should not occur. If it does, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSEQP

---

**000051 SEQUENTIAL FILE SUBTASK  
ABEND - SEQ FILE NAME-seq**

## Explanation

One of the subtasks that ALCS attaches to process sequential files ended abnormally.

## System action

If the sequential file is a system or a real-time sequential file then ALCS switches the sequential file to a new data set. If it is a general sequential file, then ALCS closes the sequential file; ALCS then terminates any entry that attempts to use the sequential file (with system error number 000052).

## Problem determination

At the time of the system error dump, general register 1 (RG1) contains the address of an ALCS I/O control block (IOCB). The IOCB contains information that can help to identify the error; in particular, fields tagged as follows:

### Tag

#### Contents of Field

**NME**

Symbolic name of sequential file (3 characters).

**VSN**

Volume serial number of the volume that contains the data set (6 characters).

**DSN**

Data set name (44 characters).

**ABCC**

Abend completion code (4 bytes). This is the contents of the MVS system diagnostic work area (SDWA) field SDWAABCC.

**EC1**

Extended control program status word (PSW) at the time of the abend (8 bytes). This is the contents of the SDWA field SDWAEC1.

**EC2**

Extended control PSW of the request block ( RB ) that created the ESTAE exit at the time it last incurred an interrupt (8 bytes). This is the contents of the SDWA field SDWAEC2.

**GRAC-GRDB**

General registers corresponding to the PSW in EC1 (4 bytes each). These are the contents of the SDWA fields SDWGR00-SDWAGR15.

**SRAC-SRDB**

General registers corresponding to the PSW in EC2 (4 bytes each). These are the contents of the SDWA fields SDWSR00-SDWASR15.

*MVS Diagnosis: Data Areas* describes the contents of SDWA fields in more detail.

**Module**

DXCSEQP

---

**000052 SEQUENTIAL FILE I/O ABEND**
**Explanation**

A subtask that ALCS attached to process sequential files for this entry ended abnormally (with system error number 000051).

**System action**

ALCS terminates the entry.

**Problem determination**

See the associated 000051 system error dump.

**Module**

DXCSEQP

**000053**


---

**NOT ENOUGH SPACE - SEQ FILE  
SUBTASK ABEND**
**Explanation**

One of the subtasks that ALCS attaches to process sequential files ended abnormally. This is because all data set secondary allocations have been used for a system or real-time sequential file, but ALCS is still unable to allocate a standby data set.

**System action**

If the sequential file is a real-time sequential file then ALCS terminates the entry. If it is a system sequential file then ALCS ends abnormally.

**Module**

DXCSEQM, DXCSEQS

---

**000054 TOURC - NO BLOCK ATTACHED**
**Explanation**

An ECB-controlled program issued a TOURC with no block attached at the level.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSEQM

---

**00005E BACKC - LOCAL SAVE STACK  
CORRUPTED**
**Explanation**

There is an internal logic error in an ALCS routine identified while processing the BACKC macro. The local save stack is corrupted.

**System action**

ALCS terminates the entry.

**System programmer response**

If this error occurs, inform your IBM programming support representative.

## User response

If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Module

DXCPGM

---

**00005F**            **ENTRC - PROGRAM NEST LEVEL  
CORRUPTED**

## Explanation

An ECB-controlled program issued an enter/back monitor-request macro, but the program enter nest level is invalid.

## System action

ALCS terminates the entry.

## Programmer response

Check if the application has corrupted this field. If not, then ask your system programmer to inform your IBM programming support representative.

## Problem determination

The program enter nest level is in the ECB prefix. In the system error dump, it is in the 4-byte field with the tag PNL.

## Module

DXCPGM

---

**000060**            **ENTRC - PROGRAM NEST LEVEL  
TOO HIGH**

## Explanation

An ECB-controlled program issued an ENTRC monitor-request macro that exceeded the program enter nest level limit.

## System action

ALCS terminates the entry.

## Programmer response

Check if the application uses unnecessary ENTRC monitor-request macros. ENTRC is unnecessary if the called program does not return control.

If the application uses unnecessary ENTRCs, replace them with ENTNC or ENTDC monitor-request macros.

If only one program calls the called program, consider making it a subroutine of the calling program.

## Module

DXCPGM

---

**000061**            **PROGRAM *program\_name* NOT  
FOUND**

## Explanation

An ECB-controlled program issued an enter-type monitor-request macro that specified a 4-character program or transfer vector name that is not known or not valid. *Program\_name* is the 4-character program or transfer vector name.

## System action

ALCS terminates the entry.

## Operator response

If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Check that the 4-character name is correct. If it is, then identify the application program load module that contains the program or transfer vector, and do one or both of the following:

- Tell the operator the name of the load module. The operator can load it using the ZPCTL command.
- Update the program load list to include the module. ALCS loads these modules automatically at restart.

## Programmer response

Correct the program error.

## Module

DXCPGM

---

**000062**            **FIPWC - PROGRAM TOO LONG**

## Explanation

An ECB controlled program has issued a FIPWC macro calling for a program to be moved to a block attached to the ECB and the program size is too big to fit in the largest block defined to the system.

## System action

ALCS terminates the entry.

## Operator response

If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If it is not convenient to define a block size large enough to contain the program to be moved, remove the FIPWC from the refer-from program or divide the refer-to program into smaller segments.

## Programmer response

Alternatively, the application programmer can change the program to use FINPC, which does not restrict program size.

## Problem determination

The system error dump contains the name of the program issuing the FIPWC and the name of the program being moved. General register 3 contains the size of the program. General register 15 contains the size of the largest block.

## Module

DXCPGM

---

<b>000063</b>	<b>WASCC - ASYNC(1), SEC(1), TRANS(1) NOT SUPPORTED</b>
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## Explanation

An ECB-controlled program invoked an optimized local adapter (OLA) callable service with an incorrect ASYNC, SEC, or TRANS parameter value which ALCS does not support.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCWAS

---

<b>000065</b>	<b>WAS SUBTASK ABEND</b>
---------------	--------------------------

## Explanation

One of the subtasks that ALCS attaches to process an OLA callable service request ended abnormally.

## System action

ALCS continues.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 (RG1) points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCWAS

---

<b>000066</b>	<b>WAS SUB TASK ABEND - ECB TERMINATED</b>
---------------	--

## Explanation

An ECB-controlled program invoked an optimized local adapter (OLA) callable service but the subtask that it was using ended abnormally. ALCS automatically reattaches the subtask.

One or more CTL-000066 system errors can result from a ZCWAS DISC, F command because ALCS forcibly terminates the entries.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Problem determination

Check that general register 1 (RG1) in the ECB's register save area points to a correct OLA parameter list. Refer to system error 000065 for additional information.

## Module

DXCWAS

---

<b>000067</b>	<b>WASCC - INVALID PARAMETER LIST</b>
---------------	---

## Explanation

An ECB-controlled program invoked an optimized local adapter (OLA) callable service with an incorrect parameter list

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Problem determination

Check that general register 1 (RG1) in the ECB save area points to the parameter list.

## Module

DXCWAS

---

**000068            WASCC - TERMINATION  
                  REQUESTED BY INST EXIT**

## Explanation

Installation-wide monitor exit USRWAS1 determined that processing of this entry must be terminated.

## System action

ALCS terminates the entry.

## User response

Check that you are authorized to invoke OLA callable services.

## Module

DXCWAS

---

**000069            WASCC - INVALID REQUEST**

## Explanation

An ECB-controlled program invoked an invalid optimized local adapter (OLA) callable service.

## System action

ALCS terminates the entry.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Module

DXCWAS

---

**00006A            WAS DISCONNECT FAILURE**

## Explanation

Disconnecting ALCS from WAS failed.

## System action

ALCS continues.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Module

DXCWAS

---

**00006B            WAS BRIDGE SUBTASK ABEND**

## Explanation

One of the subtasks that ALCS attaches to process a WAS Bridge request ended abnormally.

## System action

ALCS inactivates the WAS resource.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 (RG1) points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCWAS

---

**00006C            WAS BRIDGE SUBTASK ABEND -  
                  ECB TERMINATED**

## Explanation

An ECB-controlled program issued a ROUTC or SEND-type monitor-request macro to send a message to a WAS resource, but the subtask that it was using abended abnormally. ALCS automatically reattaches the subtask.

## System action

ALCS terminates the entry.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Module

DXCWAS

---

**000070            CREATE MACRO - INVALID DATA**

## Explanation

An ECB-controlled program issued a create-type monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCPGM

---

**000071            CREATE MACRO - PROGRAM  
                  program\_name NOT FOUND**

## Explanation

An ECB-controlled program issued a create-type monitor-request macro that specified an unknown or invalid 4-character program or transfer vector name.

## System action

ALCS terminates the entry.

## Operator response

If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Check that the 4-character name is correct. If it is, then identify the application program load module that contains the program or transfer vector, and do one or both of the following:

- Tell the operator the name of the load module. The operator can load it using the ZPCTL command.
- Update the program load list to include the module. ALCS loads these modules automatically at restart.

## Programmer response

Correct the program error.

## Module

DXCPGM

---

**000073            CRET TABLE FULL**

## Explanation

An ECB-controlled program issued a CRETC monitor-request macro, or the monitor CRET list service routine was executing. The ALCS CRET table is full (all the entries are in use).

## System action

In the case of an ECB-controlled program issuing a CRETC macro ALCS terminates the entry, otherwise the CRET list service routine does not add a new item to the CRET list.

## Problem determination

Check the system error dump to see why the CRET table entries are in use. The shortage of entries can indicate, for example:

- The ALCS generation did not specify enough CRET table entries.
- An application programming error caused the application to issue excessive CRETCs.
- An exceptional amount or type of work requires extra CRET table entries.

## Module

DXCTIM, DXCTIR

---

**000075**      **TIMEC - message****Explanation**

An ECB-controlled program issued a TIMEC monitor-request macro, but depending on *message*:

**ENTRY NOT AUTHORIZED FOR ADD/SET**

The entry was not authorized to change the ALCS time. Only entries that originate from Prime CRAS input messages are authorized to change the time. This option of the TIMEC macro is not intended for user-written programs.

**INVALID ACTION CODE**

The parameter bytes following the monitor-request macro linkage instructions were not valid.

**INVALID VALUE CODE**

The parameter bytes following the monitor-request macro linkage instructions were not valid.

**System action**

ALCS terminates the entry.

**User response**

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

**Module**

DXCTIM

---

**000076**      **APPC - NO SRB AVAILABLE****Explanation**

No MVS service request block ( SRB ) was available to Advanced Program-to-Program Communications/MVS (APPC/MVS).

**System action**

ALCS terminates the entry.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCCOLF

---

**000077**      **APPC - NO IOCB AVAILABLE****Explanation**

An ECB-controlled program issued a call to Advanced Program-to-Program Communications/MVS (APPC/MVS), but no I/O control block (IOCB) was available.

**System action**

ALCS terminates the entry.

**System programmer response**

Check the system error dump to see why the IOCBs are in use. The shortage of IOCBs can indicate, for example:

- The ALCS generation specified entry write limits that are too high. This can allow entries to request I/O faster than the I/O devices can respond.
- An I/O device is not working correctly, or requires too many error recovery retries.
- An exceptional amount or type of work requires extra IOCBs.
- The ALCS generation did not specify enough IOCBs.

**Module**

DXCCOLF

---

**000078**      **APPC - LOGIC ERROR****Explanation**

There is an internal logic error in an ALCS routine. (This involves Advanced Program-to-Program Communications/MVS (APPC/MVS).)

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

**System programmer response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCCOLF

---

**000079**      **COMMUNICATION TABLE  
CORRUPTED**

**Explanation**

The ALCS communication routines detected a corruption of one of the communication tables.

**System action**

ALCS ends abnormally.

**System programmer response**

Check that the error is not caused by user-written code being executed in installation-wide exits or in user modifications. If the error is in ALCS, inform your IBM programming support representative.

**Problem determination**

Register R14 contains the CRI of the invalid communication table (DXCREI) entry. Register R15 contains either 4 (corruption detected by ALCS logon routine) or 8 (corruption detected by ALCS simlogon routine).

**Module**

DXCCOME

---

**00007A**      **APPC - INVALID PARAMETERS**

**Explanation**

An SAA Common Programming Interface - Communications (CPI-C) or Advanced Program-to-Program Communications/MVS (APPC/MVS) call parameter is invalid.

**System action**

ALCS terminates the entry. General register 1 is saved in the ECB register save area.

**User response**

Correct your application program. Either one of the parameters in the parameter list is invalid, or no conversation existed for this CPI-C or APPC/MVS call, with the result that all parameters are invalid.

**Problem determination**

Check the CPI-C or APPC/MVS parameters used in this call. (General register 1 in the ECB save area points to the parameter list.)

**Module**

DXCCOLF

---

**00007B**      **APPC/MVS NOT SUPPORTED**

**Explanation**

Advanced Program-to-Program Communications/MVS (APPC/MVS) support is not available for one of the following reasons:

- This ALCS does not support APPC/MVS.
- The z/OS release does not support APPC/MVS.
- Either error DXC090E (“DXC090E” on page 12), DXC091E (“DXC091E” on page 13), or DXC092E (“DXC092E” on page 13) occurred.
- APPCPMxx parmlib member is incorrect, resulting in message DXC093W (“DXC093W” on page 13),

**System action**

ALCS terminates the entry.

**User response**

- Refer to *ALCS Installation and Customization* on how to specify APPC/MVS support.
- Check that the installed level of z/OS supports APPC/MVS.
- Check the MVS console for error messages.
- Check and correct your APPCPMxx member, if necessary.

Check the MVS console for error messages. Check that the installed level of MVS supports APPC/MVS. Check and correct your APPCPMxx member, if necessary.

**Module**

DXCCOLF

---

**00007D**      **APPC - TERMINATION  
REQUESTED BY INST EXIT**

**Explanation**

The ALCS Advanced Program-to-Program Communications/MVS (APPC/MVS) installation-wide exit determined that processing of this entry must be terminated.

**System action**

ALCS terminates the entry.

## User response

Check authorization of the user.

## Module

DXCCOLF

---

**00007E**      **APPC - CPI-C OR APPC CALL  
ABEND**

## Explanation

The ALCS routine executing the SAA Common Programming Interface - Communications (CPI-C) or Advanced Program-to-Program Communications/MVS (APPC/MVS) call ended abnormally.

## System action

ALCS terminates the entry. General register 1 is saved in the ECB register save area. General register 14 (RDA) contains the MVS service request block (SRB) abend code in the form 00xxxyyy, where xxx is the System completion code and yyy is the User completion code. (Also ALCS writes the complete SDWA to SYS1.LOGREC).

## User response

Check the parameters, and correct your application program.

## Problem determination

Check the CPI-C or APPC/MVS parameters used in this call. (General register 1 in the ECB register save area points to the parameter list.)

## Module

DXCCOLF

---

**00007F**      **APPC - SUBTASK ABEND**

## Explanation

There is an internal logic error in the ALCS Advanced Program-to-Program Communications/MVS (APPC/MVS) subtask inhibiting any further APPC/MVS processing.

## System action

ALCS terminates the subtask. General register 14 (RDA) contains the abend code in the form 00xxxyyy. Where xxx is the System completion code and yyy is the User completion code.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCCOLF

---

**000080**      *macro - NO BLOCK ATTACHED*

## Explanation

An ECB-controlled program issued a ROUTC or send-type monitor-request macro, but either the storage level is invalid or there is no block attached on the storage level. *Macro* is ROUTC or SEND.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOMQ, DXCSND, CPQS

---

**000081**      *macro - MESSAGE TOO SHORT*

## Explanation

An ECB-controlled program issued a ROUTC or send-type monitor-request macro, but the message is too short. That is, the character count in the message block is too small to contain any message data. *macro* is ROUTC or SEND.

## System action

If the message is to a WTTY link, then ALCS continues processing normally. Otherwise ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOMQ, DXCSND, DXCCOLI

---

### 000082      *macro* - MESSAGE TOO LONG

## Explanation

An ECB-controlled program issued a ROUTC or send-type monitor-request macro, but the message is too long. That is, the character count in the message block is too large for the block to contain. *Macro* is SENDC or SEND.

## System action

If the message is to a WTTY resource then ALCS continues processing normally. Otherwise ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOMQ, DXCSND

---

### 000083      SEND - INVALID LINE NUMBER

## Explanation

An ECB-controlled program issued a WTTY monitor-request macro or a SENDC K monitor-request macro, but the line number does not exist.

## System action

ALCS terminates the entry.

## User response

Check that the resource is correctly specified in the communication generation.

## Module

DXCSND

---

### 000084      SEND - INVALID LINE TYPE

## Explanation

An ECB-controlled program issued a send-type monitor-request macro, but one of the following errors has occurred:

- For this send-type monitor-request macro the destination must be a WTTY resource, but it was not a WTTY resource.

- For this send-type monitor-request macro the destination must be an SLC link, but it was not an SLC link.
- The monitor-request macro was SENDC M, but the destination was a printer.
- The monitor-request macro was SPOCC, but the destination was a display.
- The monitor-request macro was POLLC, but the destination was a WTTY resource that was not half-duplex.
- The monitor-request macro was SCDCC, STXTC, or SEOMC, but the destination was a simplex-in WTTY resource.

## System action

ALCS terminates the entry.

## User response

Check that the resource is correctly specified in the communication generation.

## Module

DXCSND

---

### 000085      SEND - INVALID TERMINAL ADDRESS

## Explanation

An ECB-controlled program issued a send-type monitor-request macro, but one of the following is true:

- The destination was not defined to ALCS.
- The monitor-request macro was SENDC A or SENDC M, but the CRI was 000000 or 010000 through 0100FF.

## System action

ALCS terminates the entry.

## User response

Check that the resource is correctly specified in the communication generation.

## Module

DXCSND

---

### 000086      SEND - NO EOM CHARACTER

## Explanation

An ECB-controlled program issued a send-type monitor-request macro, but the message was not terminated by a valid end-of-message character.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSND

---

**000087**                    **SEND - LINE TOO LONG FOR device**

## Explanation

The destination was a 3270 *device* (DISPLAY or PRINTER), but the message contained a line longer than the screen width.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOM3

---

**000088**                    **SEND - resource NOT AVAILABLE**

## Explanation

An ECB-controlled program issued a send-type (*resource* = LU or TCP/IP CONNECTION) or SENDC K (*resource* = SLC LINK) monitor-request macro, but the destination resource was not available.

## System action

ALCS detaches the message block from the ECB and returns control to the entry.

## User response

Check the resource is correctly defined in the communication generation. Also check that all required communication resources are correctly started.

## Module

DXCSND, DXCCOMS

---

**000089**                    **macro - INVALID REFERENCE ADDRESS**

## Explanation

An ECB-controlled program issued either a REQSC or an SCDCC monitor-request macro but, depending on the value of *macro*:

### REQSC

The address of the program reference is invalid.

### SCDCC

The address of the program reference is in storage that the ECB-controlled program cannot access read/write.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSND

---

**00008A**                    **SEND - LINE IN RECEIVE STATE**

## Explanation

An ECB-controlled program issued an STXTC or SEOMC monitor-request macro, but the destination resource (a WTTY link) was in receive state and not busy.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSND

---

**00008B            SEND A/C/X - SEND TO PRINTER  
NOT SUPPORTED**

## Explanation

An ECB-controlled program issued a SENDC A, or SENDC C, or SENDC X monitor-request macro, but the destination resource was not a display.

## System action

ALCS terminates the entry.

## User response

Check that the resource is correctly defined in the communication generation.

## Module

DXCSND

---

**00008C            SENDC D - SEND TO *device* NOT  
SUPPORTED**

## Explanation

An ECB-controlled program issued a SENDC D monitor-request macro to send a message to an unsupported device. Where *device* is:

### PRC/ROC

ALCS does not allow SENDC D to send a message to a device that has Prime or RO CRAS status.

### ALC DEVICE

ALCS supports SENDC D (send direct) only for 3270 devices. Use SENDC C instead of SENDC D for an ALC device.

### OSYS DEVICE

ALCS does not allow SENDC D to send a message to a communication device owned by another system.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSND

---

**00008D            SANSC - MACRO NOT SUPPORTED**

## Explanation

An ECB-controlled program issued a SANSC monitor-request macro. ALCS does not support SANSC.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSND

---

**00008E            EOM NOT LAST CHARACTER IN  
MESSAGE BLOCK**

## Explanation

ALCS detected an end-of-message character imbedded in the text of a message received.

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your high-level-network support representative.

## Module

DXCCOMT

---

**00008F            ALCS PROGRAM ERROR OR NPSI  
GENERATION ERROR**

## Explanation

ALCS received an invalid VTAM sense code on an X.25 permanent virtual circuit (PVC).

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMX

---

**000090**            **VTAM HALT OR ABEND - RESTART  
VTAM**

## Explanation

VTAM operator has issued the HALT NET, QUICK command or VTAM has abended. This can also occur if the VTAM ACB has been inactivated.

## System action

ALCS ends abnormally.

## Operator response

Restart VTAM, or activate the VTAM ACB. Then activate the alternate ALCS if there is one, or restart ALCS.

## Module

DXCCOME

---

**000091**            **COMMUNICATION LOGIC ERROR -  
routine**

## Explanation

There is an internal logic error in an ALCS routine. *Routine* is the routine that contains the error, one of:

### DELTERM

Routine that deletes communication resources from the ALCS communication tables.

### ADDTERM

Routine that adds communication resources to the ALCS communication tables.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCCOMV

---

**000092**            **SEND - TOO MANY LINES**

## Explanation

The destination was a 3270 display, but the message contained data to display on unavailable or nonexistent lines (rows).

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOM3

---

**000093**            **CHAINED RU ERROR - TIMEOUT**

## Explanation

ALCS is receiving a message from a VTAM resource in two or more chained SNA request units (RUs). The resource is a 3270-type terminal, an ALCI LU, or an X.25 permanent virtual circuit (PVC). After receiving a chained RU, ALCS waits for another, using the interval specified on the COMGEN generation macro TIMEOUT parameter (first subparameter). ALCS did not receive the next part of the message before the time interval expired.

## System action

ALCS discards the part of the message that has been received.

## User response

This system error can occur if ALCS receives an RU chain containing too many RUs (see also system error number 000095); ALCS discards the first part of the RU chain and handles any remaining RUs as part of a new message. Otherwise, try to recreate the conditions that caused the system error and run a VTAM buffer trace to see the input message RUs.

## Module

DXCCOME

---

**000094 CHAINED RU ERROR - ECB NOT FOUND**

### Explanation

ALCS is receiving a message from a VTAM resource in two or more chained SNA request units (RUs). The resource is a 3270-type terminal, an ALCI LU, or an X.25 permanent virtual circuit (PVC). For each chained RU, ALCS uses an ECB to accumulate the message data. The ECB address that was saved in the communication table entry for the VTAM resource was unexpectedly zero.

### System action

ALCS discards the part of the message that has been received.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOMR

---

**000095 CHAINED RU ERROR - *message***

### Explanation

ALCS is receiving a message from a VTAM resource in two or more chained SNA request units (RUs). The resource is a 3270-type terminal, an ALCI LU, or an X.25 permanent virtual circuit (PVC). *Message* is one of:

#### **MORE THAN 16 RUS**

ALCS accepts a maximum of 16 RUs in an input RU chain. in an input RU chain.

#### **FIC ALREADY RECEIVED**

ALCS received two first-in-chain RUs apparently in the same RU chain.

#### **LIC ALREADY RECEIVED**

ALCS received two last-in-chain RUs apparently in the same RU chain.

#### **TOO MANY RUS**

The SNA sequence numbers in the RU chain indicate that the chain is longer than 16 RUs.

## System action

ALCS discards the part of the message that has been received.

### User response

Try to recreate the conditions that caused the system error and run a VTAM buffer trace to see the input message RUs.

## Module

DXCCOMR

---

**000096 NO STORAGE - CRN-*crn* CRI-*cri* - *action***

### Explanation

ALCS is unable to obtain storage for a buffer. Depending on the value of *action* (SND or RCV), the buffer is needed to send or receive data to or from a communication resource that has an LDTYPE of ALCSLINK.

### System action

ALCS takes a diagnostic system dump and continues processing normally. No data is transmitted on the parallel session *crn*.

### User response

Run ALCS in a region that has sufficient storage available.

## Module

DXCCOLB

---

**000097 READ ERROR - CRN-*crn* CRI-*cri***

### Explanation

ALCS is unable to read a record from pool file.

### System action

ALCS takes a diagnostic system dump and continues processing normally. No data is sent on the parallel session *crn*.

### User response

Check if one of the following caused the error:

- User corruption of the message chain
- Hardware error.

If not, then ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOLB

---

**000098**      **RECEIVE ERROR *error\_code* - CRN-  
crn**

## Explanation

The ALCS monitor has detected an error that prevents the correct reception of data from a communication resource that has an LDTYPE of ALCSLINK. *Error\_code* specifies the error:

### 0701

ALCS is unable to obtain an L1 or L3 short-term pool record, because L1 or L3 records are not defined to the system.

### 0702

ALCS is unable to obtain an L1 or L3 short-term pool record, because there are no L1 or L3 short-term pool records available.

### 0703

ALCS internal error.

### 0704

ALCS internal error.

## System action

ALCS takes a diagnostic system dump and continues processing normally.

## User response

Ensure that sufficient L1 and L3 short-term pool records are generated and that sufficient L1 and L3 VFA buffers are available.

In case of internal error, ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOLB

---

**000099**      **UNSUPPORTED RPL REQUEST  
RECEIVED**

## Explanation

LU 6.1 has received an unsupported VTAM request parameter list ( RPL ) request unit control code.

## System action

ALCS takes a dump, ignores this RPL , and continues processing.

## User response

Check what program sent the unsupported request. If it was an IBM program ( CICS® , ALCS , or IMS , for example), then ask your system programmer to inform your IBM programming support representative.

## Module

DXCCOLB

---

**00009A**      **SPOCC - NO BLOCK ATTACHED**

## Explanation

An ECB-controlled program issued a monitor-request macro to cause data to be transmitted on a link, but there is no block attached on the storage level.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCCOLB

---

**00009B**      **SPOCC - INVALID LEVEL  
REFERENCE**

## Explanation

An ECB-controlled program issued a monitor-request macro to cause data to be transmitted on a link, but the storage level is invalid.

## System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCCOLB

---

**00009C**                    **SPOCC - LINK NOT AVAILABLE**

### Explanation

An ECB-controlled program issued a monitor-request macro to cause data to be transmitted, but the resource is not available.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCCOLB

---

**00009D**                    **SPOCC - INVALID LINK CRI**

### Explanation

An ECB-controlled program issued a monitor-request macro to cause data to be transmitted, but either the CRI does not exist in this system or it does not specify a communication resource defined by LDTYPE=ALCSLINK.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCCOLB

---

**00009E**                    **TPPCC - INVALID PARAMETERS**

### Explanation

TPPCC monitor-request macro parameter is invalid.

### System action

ALCS terminates the entry.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

CLU6

---

**00009F**                    **TPPCC - LEVEL DF IS NOT A TPPCC BLOCK**

### Explanation

An ECB-controlled program issued a TPPCC monitor-request macro, but the storage block attached on level DF was invalid.

### System action

ALCS terminates the entry.

### User response

TPPCC monitor-request macro requires that level DF is not used by the application. Check and correct your application program.

### Module

CLU6

---

**0000A0**                    **DASCC - ENTRY NOT AUTHORIZED**

## Explanation

An ECB-controlled program issued a DASCC monitor-request macro, but the entry is not authorized to issue DASCC. Only entries that originate from Prime CRAS input messages are authorized to issue DASCC (except that any entry is authorized to issue DASCC with DISPLAY option).

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCDAI

---

**0000A1            DASCC - INVALID PARAMETER**

## Explanation

An ECB-controlled program issued a DASCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCDAI

---

**0000B0            *macro* - POOL INACTIVE OR UNDEFINED**

## Explanation

An ECB-controlled program issued a *macro* (GETFC or RELFC) monitor-request macro that specified a pool record type that was inactive or that did not exist. Pool record types are inactive during some ALCS system functions, including restart.

## System action

ALCS terminates the entry.

## Programmer response

Check if the application program was executing while the pool record type was inactive. Check the ALCS DASD generation for a list of valid pool record types.

## Module

DXCGFS

---

**0000B1            *macro* - INVALID LEVEL REFERENCE**

## Explanation

An ECB-controlled program issued a *macro* (GETFC or RELFC) monitor-request macro that specified storage level or data level. The level reference was invalid. Valid level references are D0 (value 0), D1 (value 8), and so on up to DF (value decimal 120).

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCGFS

---

**0000B2            GETFC - CAN NOT DETERMINE RECORD SIZE**

## Explanation

An ECB-controlled program issued a GETFC monitor-request macro that did not uniquely specify the record size. For example, the GETFC specified a record identifier (ID) that was defined for more than one record size.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCGFS

---

**0000B3 RELFC - RELEASE CHAIN ITEM  
NOT ACCESSIBLE**

## Explanation

An ECB-controlled program issued a RELFC with the CHNITEM parameter, but the address is in storage that the application program did not have read/write (store) access to.

## System action

ALCS terminates the entry.

## Programmer response

This parameter of the macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise ask your system programmer to inform your IBM programming support representative.

## Module

DXCGFS

---

**0000B4 RELFC - INVALID FILE ADDRESS**

## Explanation

An ECB-controlled program issued a RELFC monitor-request macro, but the file address was invalid or was not a pool file address.

## System action

ALCS returns control to the program.

## Module

DXCGFS

---

**0000B5 GETFC - *type* ENTRY LIMIT  
EXCEEDED**

## Explanation

An ECB-controlled program issued a GETFC monitor-request macro that exceeded the entry pool file dispense limit. *type* is one of

## ST

The short-term pool file dispense limit was exceeded.

## LT

The long-term pool file dispense limit was exceeded.

The ALCS generation specifies two pool file dispense limits, a maximum system limit and a default limit. The entry can use the SLIMC monitor-request macro to reset one, but the other is fixed. This error occurs if the entry exceeds either limit.

## System action

ALCS terminates the entry.

## Programmer response

If the entry exceeded the limit that SLIMC can reset, and if the entry genuinely needs a large number of pool file records, include a SLIMC monitor-request macro in the application to increase the pool file dispense limit for this type of entry.

## Module

DXCGFS

---

**0000B6 LOGIC ERROR -- INVALID RETURN  
FROM MONFIND**

## Explanation

There is an internal logic error in an ALCS pool management routine.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. It happens repeatedly, inform your system programmer.

## System programmer response

If this message occurs inform your IBM programming support representative.

## Module

DXCGFST

---

**0000B7 PDU SUBTASK ABEND**

## Explanation

The subtask that ALCS attaches to manage the emergency pool recovery (PDU) facility ended abnormally.

## System action

ALCS attaches the subtask again at the next request to write to or read from the MVS log-stream.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code (4 bytes). This is the contents of the MVS system diagnostic work area (SDWA) field SDWAABCC. *MVS System Codes* lists abend completion codes. At the time of the system error dump, general register 15 (RDB) contains the address of a field containing the contents of the PSW (8 bytes) and general registers 0 - 15 (64 bytes) at the time of the abend. These are the contents of the MVS SDWA fields SDWAEC1 and SDWAGRSV.

## Module

DXCPDU

---

**0000B8**            **POOL LOGIC ERROR - reason**

## Explanation

There is an internal logic error in an ALCS pool management routine. *Reason* is one of:

GFC  
INVALID F.A. IN GFE  
INVALID F.A. IN GFS  
INVALID PFDR F.A.  
ZPOOL

The *reasons* are only intended as pointers to help IBM identify the cause of the problem.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCGFC, DXCGFE, DXCGFS, DXCGFD, DXCGFLT, DXCGFR, DXCGFST, DXCINTG

---

**0000B9**            **LONG-TERM POOL EXHAUSTED -  
RUN RECOUP**

## Explanation

An ECB-controlled program issued a GETFC monitor-request macro to obtain the address of a long-term pool record, but there are no records available for the requested pool type.

## System action

ALCS ends abnormally.

## Operator response

Run Recoup.

## System programmer response

Check the ALCS DASD generation to ensure that the allocation for this pool type is adequate. If it is not, then run a new ALCS DASD generation to increase the allocation.

## Module

DXCGFD

---

**0000BA**            **GFSCC RECOUP,WRITEDIAG -  
error**

## Explanation

An ECB-controlled program issued a GFSCC monitor-request macro with parameters RECOUP, WRITEDIAG, but there was an *error*, one of:

### INVALID DATA

Storage block did not contain a valid Recoup error item.

### NO BLOCK ATTACHED

No storage block attached at the specified level.

## System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCGFC

---

**0000BB**            **GFSCC - reason**

### Explanation

An ECB-controlled program issued a GFSCC monitor-request macro that caused an error. The *reason* was one of:

- INVALID LEVEL REFERENCE
- INVALID POOL ID
- INVALID REQUEST CODE
- INVALID WORK AREA ADDRESS
- NOT AUTHORIZED

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCGFC

---

**0000BC**            **RLCHA - INVALID PARAMETER LIST**

### Explanation

An ECB-controlled program issued a RLCHA monitor-request macro that specified a parameter list area in storage that the application program did not have read (fetch) access to.

### System action

ALCS terminates the entry.

### Module

DXCPGM

---

**0000BD**            **RLCHA - CONTROL RECORD ACCESS ERROR**

### Explanation

ALCS detected an error in the monitor find routine while processing a RLCHA monitor-request macro.

### System action

ALCS terminates the entry.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

DXCPGM

---

**0000BE**            **CPDUC - INVALID PARAMETER**

### Explanation

An ECB-controlled program issued a CPDUC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCPDU

---

**0000BF**            **CPDUC - INVALID POOL SIZE**

## Explanation

An ECB-controlled program issued a CPDUC monitor-request macro with parameter SIZE that specified an undefined long-term pool size.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCPDU

---

**0000C0                    COMMUNICATION LOGIC ERROR**

## Explanation

There is an internal logic error in an ALCS routine, during processing of a new input message.

## System action

ALCS discards the input message.

## Operator response

If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCOPZ, DXCSAF

---

**0000C1                    COMCC -- UNABLE TO FORMAT  
                              SCREEN**

## Explanation

An ECB-controlled program issued a COMCC FORMAT=TOP macro to format a 3270 display screen,

but ALCS could not format the screen for one of the following reasons:

- no installation wide exit supplied
- more than 500 bytes of user text supplied
- too many carriage returns in user text
- line length too long in user text

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOM3

---

**0000C3                    HEAP STORAGE NOT AVAILABLE**

## Explanation

ALCS could not obtain assembler heap storage during input message processing.

## System action

ALCS discards the message.

## System programmer response

Check that you have allocated enough type 3 storage units using the SCTGEN NBRSU and SUSIZE parameters in your system configuration. Specify a type 3 storage unit size which is greater than or equal to the value of any COMDEF IPMGSZ values in your communication generation plus 21 bytes (to allow for a message header). The number required will depend on factors such as the rate of large messages sent and received by your applications, and the existence time of entries.

## Module

DXCOPZ, DXCCOMT, DXCSOCO

---

**0000D3                    KCTL - SUBTASK TERMINATING -  
                              TRY AGAIN**

## Explanation

While processing a ZACOM command, ALCS found that the subtask that ALCS attaches to open and close SLC channels is about to end.

## System action

ALCS terminates the entry.

## Operator response

Retry the ZACOM OPEN or ZACOM CLOSE command.

## Module

DXCSLCCI

---

**0000D4**                    **SLC SUBTASK ABEND**

## Explanation

The subtask that ALCS attaches to open and close SLC channels ended abnormally.

## System action

ALCS terminates any entries that have outstanding open or close requests for SLC channels. ALCS attaches the subtask again at the next request to open or close an SLC channel.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code (4 bytes). This is the contents of the MVS system diagnostic work area (SDWA) field SDWAABCC.

## Module

DXCSLCCI

---

**0000D5**                    **macro - PROGRAM NOT  
AUTHORIZED**

## Explanation

An unauthorized program issued a *macro* (KCTL or PLONC) monitor-request macro.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSLCCI

---

**0000D6**                    **macro - INVALID PARAMETER**

## Explanation

An ECB-controlled program issued a *macro* (KCTL or PLONC) monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSLCCI, DXCSLCOU

---

**0000D7**                    **KCTL - CALLER REPLY AREA NOT  
ACCESSIBLE**

## Explanation

An ECB-controlled program issued a KCTL monitor-request macro with parameter TEST that specified a data area in storage that the program did not have read (fetch) access to.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

**Module**

DXCSLCCI

---

**0000D8**      *macro - INVALID LINK NUMBER*

---

**Explanation**

An ECB-controlled program issued a *macro* (KCTL or PLONC) monitor-request macro with an invalid SLC link number.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

These macros are not intended to be called by user-written programs. If you have called one, replace the call; otherwise inform your system programmer.

**Module**

DXCSLCCI, DXCSLCOU

---

**0000D9**      *macro - INVALID LINK CHANNEL NUMBER*

---

**Explanation**

An ECB-controlled program issued a *macro* (KCTL or PLONC) monitor-request macro with an invalid SLC link channel number.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

These macros are not intended to be called by user-written programs. If you have called one, replace the call; otherwise inform your system programmer.

**Module**

DXCSLCCI, DXCSLCOU

---

**0000DB****PLONC MSG - NO MESSAGE FILE  
ADDR PROVIDED**

---

**Explanation**

An ECB-controlled program issued a PLONC monitor-request macro with parameter MSG, but there was no file address for the message in general register 15 (RDB).

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

**Module**

DXCSLCOU

---

**0000DC**      **SLC LINK QUEUE ERROR - *type***

---

**Explanation**

Where *type* is one of:

BAD FILE ADDRESS  
FIND ERROR  
RELEASE ERROR

ALCS detected an error in the monitor find, file, or release routine while processing an item on queue for an SLC link.

**System action**

ALCS ignores this item on the queue.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCSLCOU

---

**0000DD**      **KCTL - NO SLC NETWORK**

---

## Explanation

An ECB-controlled program issued a KCTLC monitor-request macro, but there are no SLC links.

## System action

ALCS terminates the entry.

## System programmer response

Check the ALCS communication generation.

## Module

DXCSLCCI

---

**0000E0**            **TOD CLOCK ERROR**

## Explanation

The processor time-of-day ( TOD ) clock is in not-set, error, stopped, or not-operational state.

## System action

ALCS ends abnormally.

## Operator response

Ensure that the TOD clock is operational and set. Then activate the alternate ALCS if there is one, or restart ALCS.

## Module

DXCTIR

---

**0000E1**            **INVALID ENTRY TO PROGRAM**  
*program\_name*

## Explanation

A program entered the ALCS ECB-controlled program *program\_name*, which is not allowed.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called. If you have called it, remove the call; otherwise inform your system programmer.

## Module

CDSN, COMH, CVEM

---

**0000E2**            **CINFC - INVALID PARAMETER**

## Explanation

An ECB-controlled program issued a CINFC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCINF

---

**0000E3**            **KEYCC - INVALID KEY CHANGE**  
**REQUEST**

## Explanation

An ECB-controlled program issued a KEYCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCNUC

---

**0000E4            DETAC - DETACHED BLOCK  
                  CONTROL TABLE CORRUPTED****Explanation**

An ECB-controlled program issued a DETAC monitor-request macro but ALCS detected corruption of the detached block control table for the entry. This is most likely caused by the application working through data and stepping outside a storage block.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSTG

---

**0000E5            ATTAC - DETACHED BLOCK  
                  CONTROL TABLE CORRUPTED****Explanation**

An ECB-controlled program issued an ATTAC monitor-request macro but ALCS detected corruption of the detached block control table for the entry. This is most likely caused by the application working through data and stepping outside a storage block.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSTG

---

**0000E6            FLIPC - DETACHED BLOCK  
                  CONTROL TABLE CORRUPTED****Explanation**

An ECB-controlled program issued a FLIPC monitor-request macro but ALCS detected corruption of the detached block control table for the entry. This is most likely caused by the application working through data and stepping outside a storage block.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCSTG

---

**0000FA            STATE CHANGE OR PENDING  
                  INDICATOR CORRUPTED****Explanation**

The ZDSYS or ZASYS command processor detected invalid system state indicators.

**System action**

The system state is unpredictable.

**Operator response**

Use the ZASYS command with the RESET option to set the correct system state. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer..

**System programmer response**

If this error occurs, inform your IBM programming support representative.

**Module**

CVSN

---

**0000FB            SYSTEM STATE INDICATOR  
                  CORRUPTED****Explanation**

The ZDSYS or ZASYS command processor detected invalid system state indicators.

**System action**

The system state is unpredictable.

**Operator response**

Use the ZASYS command with the RESET option to set the correct system state. If this is an isolated instance, follow your normal procedure for a non-

urgent problem. If it happens repeatedly, inform your system programmer..

### System programmer response

If this error occurs, inform your IBM programming support representative.

### Module

CVSN

---

**0000FC**                    **LODIC - ALTER ACV FROM UNAUTHORIZED ENTRY**

### Explanation

An ECB-controlled program issued a LODIC monitor-request macro with parameter AACV, but the entry was not authorized to issue LODIC AACV. Only entries that originate from Prime CRAS input messages are authorized to issue LODIC AACV (except that any entry is authorized to issue LODIC with other options).

### System action

ALCS terminates the entry.

### User response

This option of the LODIC macro is not intended for user-written programs. If the error is in an IBM-supplied program then ask your system programmer to inform your IBM programming support representative. (User-written programs can issue LODIC with options other than AACV.)

### Module

DXCINF

---

**0000FD**                    **LODIC - INVALID PARAMETER**

### Explanation

An ECB-controlled program issued a LODIC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

### System action

ALCS terminates the entry.

### User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system

programmer to inform your IBM programming support representative.

### Module

DXCINF

---

**0000FE**                    **LODIC - ALTER ACV REJECTED**

### Explanation

The ZAACV command processor was unable to update the activity control variables.

### System action

The status of the activity control variables is unpredictable.

### Operator response

Use the ZDACV command to check the activity control variables. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer..

### System programmer response

If this error occurs, inform your IBM programming support representative.

### Module

CVMS

---

**0000FF**                    **LODIC - RESET FROM UNAUTHORISED ENTRY**

### Explanation

An ECB-controlled program issued a LODIC monitor-request macro with parameter RESET but the entry was not authorized to issue LODIC RESET. Only entries that originate from CRAS input messages are authorized to issue LODIC RESET.

### Module

DXCINF

---

**000100**                    **GTFCC - reason**

### Explanation

An ECB-controlled program issued a GTFCC monitor-request macro but, depending on *reason*:

### INVALID type

The parameter bytes following the monitor-request macro linkage instructions were not valid.  
*Type* is one of:

ACTION CODE  
CONTROL TYPE CODE  
TRACE TYPE CODE

### NO WRITE ACCESS TO DISPLAY AREA

The entry did not have read/write access to the display area storage at the address specified by the DISPLAY parameter.

### VARY ACT/INACT NOT FROM PRIME CRAS

Only entries that originate from Prime CRAS input messages are authorized to issue GTFCC.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCGTC

---

**000101 DMPCC - INVALID PARAMETERS**

### Explanation

An ECB-controlled program issued a DMPCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCDMPC

---

**000102 DCRCC - reason**

### Explanation

An ECB-controlled program issued a DCRCC monitor-request macro but, depending on the value of *reason*:

#### ENTRY NOT AUTHORIZED

The entry was not authorized to issue DCRCC.  
Only entries that originate from Prime CRAS input messages are authorized to issue DCRCC.

#### INVALID MACRO PARAMETERS

The parameter bytes following the monitor-request macro linkage instructions were not valid.

#### INVALID START OPTIONS

The parameter bytes following the monitor-request macro linkage instructions were not valid.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

DXCDRC

---

**000103 ADRIC - INVALID PARAMETER**

### Explanation

An ECB-controlled program issued an ADRIC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

### System action

ALCS terminates the entry.

### User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system

programmer to inform your IBM programming support representative.

## Module

DXCINF

---

### 000104 SYSCC - INVALID PARAMETER

## Explanation

An ECB-controlled program issued a SYSCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCINF

---

### 000105 EXITC - ISSUED BY STATE CHANGE ENTRY

## Explanation

A state change entry has ended (exited) before completing the state change.

## System action

The state change entry ends, but the contents of the system state indicators are unpredictable.

## Operator response

Use the ZASYS command with the RESET option to set the correct system state and inform your system programmer.

## System programmer response

- If the state change entry ended abnormally (a system error) then check and correct that system error.
- If the state change entry ended normally (EXITC macro) then check which program issued the EXITC.

- If it is an IBM-supplied program the inform your IBM programming support representative.
- If it is an installation-wide exit program then correct the program to avoid issuing EXITC. Installation-wide state change exit programs must **not** issue EXITC.

## Module

DXCINF

---

### 000106 STICC - reason

## Explanation

An ECB-controlled program issued a STICC monitor-request macro but, depending on the value of *reason*:

### INVALID REQUEST CODE

The parameter bytes following the monitor-request macro linkage instructions were not valid.

### INVALID PARAMETER

The parameter bytes following the monitor-request macro linkage instructions were not valid.

### ENTRY NOT AUTHORIZED

The entry was not authorized to issue STICC. Only entries that originate from Prime CRAS input messages are authorized to issue STICC (except that any entry is authorized to issue STICC with DISPLAY or TEST option).

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCINF

---

### 000107 GTFCC - ORIGINATOR CHANGE NOT ALLOWED

## Explanation

An ECB-controlled program issued a GTFCC CONV, MODIFY to change the originator CRI for the entry. The requested change is not allowed because:

- The change-to CRI is not valid,  
or:
- The change-from CRI is not a communication link,

or:

- The change-to CRI is not owned by the system that the change-from CRI (communication link) connects.

### System action

ALCS terminates the entry.

### Programmer response

If this is an error in your application program, correct the error. Otherwise check that the ALCS communication generation defines the change-to CRI as an OSYS terminal with the correct communication ID.

---

**000108                    CORUC - INVALID PARAMETERS**

### Explanation

An ECB-controlled program issued a CORUC, EVNWC, POSTC, or DEQC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid. Note that CORUC, EVNWC, POSTC, and DEQC macros all generate a CORUC monitor-request macro.

### System action

ALCS terminates the entry.

### User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

### Module

DXCHLD

---

**000109                    CORHC - DUPLICATE RESOURCE HOLD**

### Explanation

An ECB-controlled program issued a CORHC, EVNTC, or ENQC monitor-request macro, but the entry was already holding the resource. Note that CORHC, EVNTC, and ENQC macros all generate a CORHC monitor-request macro.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCHLD

---

**000110                    CORUC - RESOURCE NOT HELD**

### Explanation

An ECB-controlled program issued a CORUC or DEQC monitor-request macro, but either:

- The entry was not holding the resource,  
or:
- The entry did not use a compatible monitor-request macro to hold the resource; CORUC can only unhold a resource that CORHC held, and DEQC can only unhold a resource that ENQC held.

Note that CORUC and DEQC macros both generate a CORUC monitor-request macro.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCHLD

---

**000111                    ALASC - BLOCK ALREADY ATTACHED**

### Explanation

An ECB-controlled program issued an ALASC monitor-request macro, but there is already an automatic storage block attached for this application program.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**000112                    *macro* - INVALID PARAMETERS**

## Explanation

An ECB-controlled program issued a *macro* monitor-request macro (one of ALASC, DETAC, ATTAC), but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCSTG

---

**000113**      *macro* - INVALID PARAMETERS

## Explanation

An ECB-controlled program issued a SYNCC (*macro* = SYNCC) or a CORHC, EVNTC, or ENQC (*macro* = CORHC) monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid. Note that CORHC, EVNTC, and ENQC macros all generate a CORHC monitor-request macro.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCHLD, DXCSNC

---

**000114**      ATTAC - BLOCK ALREADY ATTACHED

## Explanation

An ECB-controlled program issued an ATTAC monitor-request macro with a storage block already attached at the storage level.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

**000115**      ATTAC - NO DETACHED BLOCK

## Explanation

An ECB-controlled program issued an ATTAC monitor-request macro, but there was no detached block available.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

**000116**      BLKIC - INVALID REQUEST CODE

## Explanation

An ECB-controlled program issued a BLKIC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCINF

---

**000117**      SLIMC - INVALID PARAMETER

## Explanation

An ECB-controlled program issued a SLIMC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCINF

---

<b>000118</b>	<b>LOGIC ERROR - RESOURCE HOLD TABLE CORRUPTED</b>
---------------	--

## Explanation

There is an internal logic error in an ALCS routine. The ALCS resource hold table is corrupted.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCHLD

---

<b>000119</b>	<b>CORHC - RESOURCE TABLE FULL</b>
---------------	------------------------------------

## Explanation

An ECB-controlled program issued a CORHC, EVNTC, or ENQC monitor-request macro, but the ALCS resource hold table was full. Note that CORHC, EVNTC, and ENQC macros all generate a CORHC monitor-request macro.

## System action

ALCS terminates the entry.

## User response

Check the contents of the ALCS resource hold table. In particular, check if the table is full because there is a real need for all the resource names, or because of application program errors. If there is a real need for all the resource names that are in use, then run a new ALCS generation to increase the size of the resource hold table. To optimize performance, allocate at least twice as many resource hold table entries as are in use at any one time.

## Problem determination

The system error dump includes a dump of the ALCS resource hold table.

## Module

DXCHLD

---

<b>00011A</b>	<b>RESOURCE(S) HELD AT EXIT - UNHELD</b>
---------------	--

## Explanation

An ECB-controlled program issued an EXITC monitor-request macro with one or more resources held. That is, the entry issued one or more of the following before it issued EXITC:

- CORHC without a corresponding CORUC
- ENQC without a corresponding DEQC
- EVNTC without a corresponding EVNWC.

## System action

ALCS unholds the resources before it terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCHLD

---

<b>00011B</b>	<b>ENQC - RESOURCE HOLD TIMEOUT</b>
---------------	-------------------------------------

## Explanation

An ECB-controlled program issued an ENQC monitor-request macro that specified or defaulted a timeout. Another entry issued ENQC for the same resource and

waited for longer than the timeout time that this entry specified.

### System action

ALCS terminates this entry. The entry that is waiting for the resource can then proceed.

### Module

DXCHLD

---

**00011C**                    *macro - CAUSES DEADLOCK*

### Explanation

The entry issued a *macro* (CORHC, POSTC, TASNC, FINHC, or FIWHC.) monitor-request macro that caused a deadlock. Note that CORHC, EVNTC, and ENQC macro statements all generate a CORHC monitor-request macro.

Deadlocks arise when more than one entry "holds" more than one resource; that is, the entries use:

- Resource hold (for example CORHC monitor-request macro)
- Record hold (for example FINHC monitor-request macro)
- Sequential file assign (TASNC monitor-request macro).

### System action

ALCS terminates the entry. This relieves the deadlock.

### User response

Check the way that this entry uses these facilities. In particular, check that this entry holds resources in the same order that other entries hold the resources. If possible, modify the program or programs that processed this entry so that they hold only one resource at a time. If that is not possible, then modify the programs that hold the resources so that they all hold the resources in the same order.

### Module

DXCHLD, DXCSEQR, DXCVFM

---

**00011D**                    **HASHC - PARAMETER TYPE NOT  
H, C, OR D**

### Explanation

An ECB-controlled program issued a HASHC monitor-request macro with invalid parameters.

### System action

ALCS terminates the entry.

### User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

### Module

DXCWTO

---

**00011E**                    **HASHC - INVALID DATA ADDRESS**

### Explanation

An ECB-controlled program issued a HASHC monitor-request macro, but the data address passed to the monitor points to a protected storage area.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCWTO

---

**00011F**                    **CORHC - INCOMPATIBLE MACRO  
TYPES**

### Explanation

An ECB-controlled program issued a CORHC, EVNTC, or ENQC monitor-request macro that conflicted with another use of the same resource name; for example, another entry issued EVNTC TYPE=CNT and this entry issued ENQC or EVNTC TYPE=MSK for the same resource name. Note that CORHC, EVNTC, and ENQC macros all generate a CORHC monitor-request macro.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCHLD

---

**000120**      **LOGIC ERROR - INVALID PGMCC  
RETURN CODE****Explanation**

The ZPCTL command processor detected an internal logic error in an ALCS routine.

**System action**

ALCS terminates the entry.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

CPC0, CPCV

---

**000121**      **LOGIC ERROR - PROGRAM HASH  
TABLE CORRUPTED****Explanation**

There is an internal logic error in an ALCS routine. The ALCS program hash table is corrupted.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

**System programmer response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCPGL

---

**000122**      **PGMCC - INVALID ACTION CODE****Explanation**

An ECB-controlled program issued a PGMCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

**Module**

DXCPGC

---

**000123**      **PGMCC - USER AREA TOO SMALL****Explanation**

An ECB-controlled program issued a PGMCC monitor-request macro, but the user area length (PG0LEN) is not big enough.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

**Module**

DXCPGC

---

**000125**      **EVINC -- NOT COUNTER TYPE  
EVENT****Explanation**

An ECB-controlled program issued an EVINC monitor-request macro, but it specified an event which is not a counter type event.

**System action**

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCHLD

---

<b>000126</b>	<b>EVINC -- EVNWC ALREADY ISSUED FOR EVENT</b>
---------------	--

## Explanation

An ECB-controlled program issued an EVINC monitor-request macro, but it specified an event for which an EVNWC monitor-request macro had already been issued.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCHLD

---

<b>000127</b>	<b>EVINC -- COUNT ALREADY AT MAXIMUM</b>
---------------	--

## Explanation

An ECB-controlled program issued an EVINC monitor-request macro, but it specified an event which already has the maximum count.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCHLD

---

<b>000128</b>	<b>HLLCC - UNSUPPORTED LANGUAGE</b>
---------------	---

## Explanation

An ECB-controlled program issued an HLLCC monitor-request macro, but it specified a language that ALCS does not support.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCPGH

---

<b>000129</b>	<b>HLLCC - INVALID SERVICE CODE</b>
---------------	-------------------------------------

## Explanation

An ECB-controlled program issued an HLLCC monitor-request macro, but it contained a service code that is not valid.

## System action

ALCS terminates the entry.

## User response

If an IBM-supplied macro generated the incorrect monitor-request macro linkage then ask your system programmer to inform your IBM programming support representative.

## Module

DXCPGH

---

<b>00012A</b>	<b>HLLCC - OUTSIDE HLL ENVIRONMENT</b>
---------------	--

## Explanation

An ECB-controlled program issued an HLLCC monitor-request macro outside a high-level language ( HLL ) environment.

## System action

ALCS terminates the entry.

## User response

This macro is not intended for use in user-written programs. If the error is in an IBM-supplied program then inform your IBM programming support representative.

**Module**

DXCPGH

---

**000130           HELP PROGRAM ERROR****Explanation**

The ALCS command help facility found an error in a help text program.

**System action**

ALCS substitutes a response message: "Help not available -- try: ZHELP INDEX"

**Programmer response**

If the error is in a user-written help text program then correct the programming error (see *ALCS Installation and Customization* installation-wide help text exit programs AHLx). Otherwise, inform your IBM programming support representative.

**Module**

CHLP

---

**000131           HELPC - INVALID CRI****Explanation**

An ECB-controlled program issued a HELPC monitor-request macro, but the originating terminal address in the ECB descriptor is not a valid CRI.

**System action**

ALCS terminates the entry.

**System programmer response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCWTO

---

**000132           HELPC - INVALID CHARACTER IN  
TOPIC PARAMETER****Explanation**

An ECB-controlled program issued a HELPC monitor-request macro, but the primary or secondary help context contains invalid characters.

**Programmer response**

Correct the programming error.

**Module**

DXCWTO

---

**000133           HELPC - INVALID DEVICE TYPE  
FOR EXTRACT\_CONTEXT****Explanation**

An ECB-controlled program issued a HELPC monitor-request macro specifying the EXTRACT\_CONTEXT parameter, but the originating terminal is not a display device.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

Inform your system programmer.

**Module**

DXCWTO

---

**00013F           DXCPGC - VFA ERROR****Explanation**

A VFA read/write error occurred while ALCS was using a program configuration data set.

**System action**

ALCS terminates the entry.

**Operator response**

Inform your system programmer.

**System programmer response**

Contact your IBM programming support representative.

**Module**

CPCT

---

**000140**      **LOGIC ERROR - XCF MEMBER  
TABLE FULL****Explanation**

There is an internal logic error in an ALCS routine.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

**System programmer response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCXCF

---

**000144**      **DXCXCF - NO STORAGE  
AVAILABLE****Explanation**

ALCS is unable to obtain storage for a parallel sysplex control table.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

**System programmer response**

Ensure that enough storage is available to the ALCS region.

**Module**

DXCXCF

---

**000149**      **LOGIC ERROR - XCF RING  
ADDRESS TABLE FULL****Explanation**

There is an internal logic error in an ALCS routine.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

**System programmer response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCXCF

---

**000150**      **SAF LOGIC ERROR - UNABLE TO  
DELETE ACEE****Explanation**

There is an internal logic error in an ALCS routine. ALCS was unable to release the storage used to hold an accessor environment element (ACEE).

**System action**

The ACEE virtual storage is lost - it cannot be reused until ALCS is restarted.

**User response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCSAF

---

**000151**      **AUTHC - INVALID MACRO  
PARAMETER****Explanation**

There are two reasons for this dump.

1. An invalid value has been found in the first byte of the parameter list. The value must be between 0 and 6 inclusive.
2. An invalid value has specified on a CRASC check. The value must be between 1 and 3 inclusive.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

**Module:**  
DXCSAF

---

**000152 AUTHC - ENTITY NAME TOO LONG**

### Explanation

An AUTHC macro call has generated an ENTITY name which is more than 255 characters long.

### System action

ALCS terminates the entry.

### Programmer response

Check the ENTITY name specified on the AUTHC macro.

### Problem determination

At the time of the dump, general register 1 contains the length of the generated ENTITY name and general register 5 points to the generated ENTITY name.

**Module:**  
DXCSAF

---

**000153 SAF - INVALID CRAS LEVEL SUPPLIED**

### Explanation

An invalid CRAS check value has been specified.

### System action

ALCS terminates the entry.

### Programmer response

Check the CRAS check value on the AUTHC macro call. The value must be between 0 and 2 inclusive.

**Module:**  
DXCSAF

---

**000154 GSAFC - INVALID MACRO PARAMETER**

### Explanation

An invalid parameter has been specified on a GSAFC macro call.

### System action

ALCS terminates the entry.

### Programmer response

Check the parameters specified on the GSAFC macro.

### Problem determination

At the time of the dump, general register 14 point to the invalid parameter.

**Module:**  
DXCSAF

---

**000155 GSAFC - ABNORMAL ERROR FROM IRRSEQ00**

### Explanation

A call to the ESM callable services routine (IRRSEQ00) has returned an unexpected error code.

### System action

ALCS continues processing and returns to the application.

### Programmer response

Check the ESM documentation for explanation of error codes.

### Problem determination

At the time of the dump, general register 14 contains the SAF return code and general register 5 contains the ESM return code.

**Module:**  
DXCSAF

---

**000156 GSAFC - CALLABLE SERVICES EP NOT LOADED**

### Explanation

A GSAFC macro call has been made but the callable services routine IRRSEQ0 is not available.

### System action

ALCS terminates the entry.

## Programmer response

Check the R0 for the MVS abend and reason codes associated with a DXC138E message which indicates the failure to load the IRRSEQ00 entry point during system restart.

**Module:**  
DXCSAF

---

**000160 PLEXC - INVALID TYPE  
PARAMETER**

## Explanation

An ECB-controlled program issued a PLEXC monitor-request macro with an invalid TYPE parameter.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

## Module

DXCplex

---

**000161 PLEXC - INVALID ACTION  
PARAMETER**

## Explanation

An ECB-controlled program issued a PLEXC monitor-request macro with an invalid ACTION parameter.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

## Module

DXCplex

---

**000162 PLEXC - NO IOCB AVAILABLE**

## Explanation

An ECB-controlled program issued a PLEXC monitor-request macro but no ALCS IOCB is available.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

## Module

DXCPLX2

---

**000163 NO IOCB AVAILABLE TO START  
NETWORK**

## Explanation

No ALCS IOCB is available during start network processing as a result of a PLEXC monitor-request macro.

## System action

ALCS processing continues.

## System programmer response

Inform your IBM programming representative.

## Module

DXCPLX2

---

**000164 PLEXC - NO STORAGE FOR  
APPLICATION TABLE**

## Explanation

An ECB-controlled program issued a PLEXC monitor-request macro but no storage for the application table is available.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

### System programmer response

Inform your IBM programming representative.

### Module

DXCPLX2

---

<b>000165</b>	<b>PLEXC - BAD APPLICATION TOKEN</b>
---------------	--

### Explanation

An ECB-controlled program issued a PLEXC monitor-request macro with an invalid application TOKEN.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

### Module

DXCPLX2

---

<b>000166</b>	<b>PLEXC - BAD PROGRAM NAME</b>
---------------	---------------------------------

### Explanation

An ECB-controlled program issued a PLEXC monitor-request macro with an invalid PROGRAM name.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

### Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

### Module

DXCPLX

---

<b>000167</b>	<b>LOGIC ERROR - APPLICATION CONTROL TABLE ENTRY NOT FOUND AT PI</b>
---------------	--

### Explanation

There is an internal logic error in ALCS.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

### System programmer response

Inform your IBM programming representative.

### Module

DXCPLX

---

<b>000168</b>	<b>PLEXC - UNABLE TO NOTIFY OTHER INSTANCE(S)</b>
---------------	---

### Explanation

An ECB-controlled program issued a PLEXC monitor-request macro, but other instance(s) of the ALCSplex could not be notified.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call, otherwise inform your system programmer.

## Module

DXCPLEX

---

**000171**      **INVALID cause FOR MAPPING  
INDEX RECORD**

## Explanation

When *cause*:

### RECORD TYPE

Fixed file record type #KPTRI is not defined. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.)

### FILE ADDR

Fixed file record type #KPTRI ordinal 6 is not allocated.

## System action

ALCS terminates the entry.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

CSM1, CSMI, CSMO

---

**000172**      **ERROR READING MAPPING  
INDEX RECORD or ERROR  
READING MAPPING INDEX  
RECORD - RECORD RE-  
INITIALIZED**

## Explanation

The system record header has been corrupted or the record has not yet been initialized properly.

## System action

ALCS either terminates the entry or re-initializes the record and continues with the entry.

## System programmer response

For an entry termination, ensure that the record type #KPTRI (system keypoint record) ordinal number 6

has not been illegally modified by a user application program. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.) If it has not, then inform your IBM programming support representative. If the record is re-initialized then any screen maps that were previously loaded on the ALCS database will have to be reloaded. For further information see the ZCMSP command in *ALCS Operation and Maintenance*.

## Module

CSM1, CSMI, CSMO

---

**000173**      **ERROR READING SEQUENTIAL  
FILE FOR MAP LOAD**

## Explanation

An I/O error occurred.

## System action

ALCS terminates the entry.

## System programmer response

Ensure that the sequential file containing the 3270 map description is valid. Check the record length. If they are correct, inform your IBM programming support representative.

## Module

CSM1

---

**000174**      **INVALID WRITE COMMAND  
FOUND DURING MAP LOAD**

## Explanation

An invalid value for the 3270 write command has been detected while loading the 3270 map description onto ALCS.

## System action

ALCS terminates the entry.

## System programmer response

Ensure that the sequential file containing the 3270 map description is valid; and that it is not modified before being processed by ALCS.

If this does not solve the problem, inform your IBM programming support representative.

## Module

CSM1

---

**000175           INVALID SEQUENTIAL FILE  
RECORD SEQUENCE**

### Explanation

An invalid sequence of records on the sequential file has been detected while loading the 3270 map description onto ALCS.

### System action

ALCS terminates the entry.

### System programmer response

Ensure that the sequential file containing the 3270 map description is valid; and that it is not modified before being processed by ALCS.

If this does not solve the problem, inform your IBM programming support representative.

## Module

CSM1

---

**000176           CAN NOT READ POOL MAP  
DESCRIPTION**

### Explanation

ALCS detected an error when trying to read a 3270 map description record. This may be caused by either an invalid record ID or an invalid file address.

### System action

ALCS terminates the entry.

### System programmer response

Ensure that the record, and the index record containing the file address of the record, have not been illegally modified by an application program. If they have not, then inform your IBM programming support representative.

## Module

CSM1, CSMI, CSMO

---

**000177           INVALID MAPNAME SPECIFIED  
FOR 3270 MAPPING**

## Explanation

The mapname specified by the calling program does not exist.

### System action

ALCS terminates the entry.

### System programmer response

Ensure that the 3270 map does exist on the ALCS system, or correct the calling program.

## Module

CSM1, CSMI, CSMO

---

**000178           WTOPC - UNEXPECTED SEQUENCE  
NUMBER**

### Explanation

A program issued WTOPC CHAIN=YES macros to send a message, but CSC6 was unable to build the complete message because the message blocks were out of sequence.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

## Module

CSC6

---

**000179           WTOPC - MESSAGE BLOCK NOT  
ATTACHED ON LEVEL PROGRAM  
NAME PN-'name' DISPLACEMENT  
DSP-'nnnn'**

### Explanation

An ECB-controlled program issued a WTOPC monitor-request macro with the LEVEL parameter, but there is no storage block attached on the specified level.

### System action

ALCS terminates the entry.

### Programmer response

Correct the program to provide a valid storage level.

## Module

CWTO

---

**00017A            DISPC - ERROR IN OUTPUT FILE**

## Explanation

The ALCS output file for scrolling contains unreadable data.

## System action

ALCS terminates the entry.

## User response

Creating a new output file solves the problem. But if the problem occurs regularly it might indicate serious short-term pool problems.

## Module

CSC4, CSC5

---

**00017B            DISPC - CAN NOT PROCESS**

## Explanation

An error occurred while building an ALCS output file for scrolling.

## System action

ALCS terminates the entry.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CSC4

---

**00017C            DISPC - CAN NOT RESET OUTPUT  
FILE INDICATOR**

## Explanation

An error occurred while building an ALCS output file for scrolling.

## System action

ALCS terminates the entry.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CSC4

---

**00017D            DISPC - CAN NOT RETRIEVE  
OUTPUT MSG RECORD**

## Explanation

A find error occurred on the retrieval of an ALCS output message record while building an ALCS output file for scrolling.

## System action

ALCS terminates the entry.

## System programmer response

Examine the system error dump and determine the cause of the error.

- If it is due to a record ID error, check whether the database is corrupted (for example, because of pool problems).
- If it is due to an invalid file address, check whether the resource control record (RCR) is corrupted.
- If it is due to a hardware error, get the unit serviced.

## Module

CSC4

---

**00017E            DISPC - ERROR COPYING DATA**

## Explanation

A program issued a DISPC SEND macro, but CSC2 was unable to copy the data into the ALCS output file for scrolling.

## System action

ALCS terminates the entry.

## User response

If this error occurs, ask your system programmer to investigate if scrolling is inhibited. If scrolling is inhibited, the type 3 storage unit size must be greater than or equal the largest response plus 50 bytes. If scrolling is not inhibited, inform your IBM programming support representative.

**Module**

CSC2

---

**00017F            DISPC - INVALID COUNT**

---

**Explanation**

A program issued a DISPC ADD macro, and specified a negative value for the LENGTH parameter.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC1

---

**000180            DISPC - INVALID ECB LEVEL  
PARAMETER**

---

**Explanation**

A program issued a DISPC ADD macro, specifying the LEVEL parameter incorrectly.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC1

---

**000181            DISPC - INVALID ECB LEVEL  
SPECIFIED**

---

**Explanation**

A program issued a DISPC SEND macro, but the data level in the LEVEL parameter is invalid.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC2, CSC7

---

**000182            DISPC - INVALID RECORD ID**

---

**Explanation**

A program issued a DISPC SEND macro, but the storage block allocated at the specified ECB level does not contain a record belonging to the ALCS output file for scrolling.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC2

---

**000183            DISPC - *reason***

---

**Explanation**

A program issued a DISPC SEND macro which could not be processed because of *reason*, where *reason* is one of the following:

**INVALID RESOURCE IN EBROUT**

The value in EBROUT, which is the CRI for the originating terminal, is invalid.

**DESTINATION INACTIVE**

The destination specified on either the PRINTER or the DEST parameter of DISPC SEND is inactive.

**CAN NOT DETERMINE THE SCREEN SIZE**

Information about the size of the screen is not available from the communications table.

**INVALID DESTINATION SPECIFIED**

The CRI or CRN provided for the PRINTER or the DEST parameter on DISPC SEND is not valid.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC2

---

**000184 DISPC - NO LINES IN OUTPUT FILE**

---

**Explanation**

A program issued a DISPC SEND macro, but no DISPC ADD calls were performed to add one or more text lines to the ALCS output file for scrolling.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC2

---

**000185 DISPC - SPECIFIED LEVEL NOT AVAILABLE**

---

**Explanation**

A program issued a DISPC ADD macro, and the level specified in the LEVEL parameter is in use, but not by an AC06 record.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC1, CSC7

---

**000186 DISPC - STORAGE LEVEL NOT IN USE**

---

**Explanation**

A program issued a DISPC SEND macro, but the level specified in the LEVEL parameter is not in use.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC2

---

**000187 DISPC - TOO MANY OUTPUT LINES CREATED**

---

**Explanation**

A program issued a DISPC ADD macro, causing the ALCS output file to exceed the maximum size. An output file can be up to a maximum of 150 L3 records.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

CSC1

---

**000188 DISPC - CAN NOT SET OUTPUT FILE INDICATOR**

---

**Explanation**

A program issued a DISPC SEND macro, but ALCS returned an error condition on the COMCC to set the output file indicator.

**System action**

ALCS terminates the entry.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

CSC2

---

**000189 SCROLL LOG -- ERROR IN LOG FILE**

---

**Explanation**

An error occurred while ALCS was processing the scroll log for a terminal.

**System action**

ALCS terminates the entry.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CSC9

---

<b>00018A</b>	<b>DISPC - TOO MANY LINES FOR SORT</b>
---------------	--

## Explanation

You have exceeded the maximum of 100 000 lines in a DISPC SORT routine.

## System action

ALCS terminates the entry.

## Programmer response

Reduce the size of the display message or find an alternative method to sort it.

## Module

CSCS

---

<b>00018B</b>	<b>DISPC - TRUNCATED</b>
---------------	--------------------------

## Explanation

The display message can not fit in the largest available storage block.

## System action

ALCS truncates the response and continues.

## System programmer response

Either reduce the screensize for this terminal or define storage blocks with a larger block size.

## Module

CSC4

---

<b>00018C</b>	<b>CXE0 - INVALID ENTRY CONDITIONS</b>
---------------	--

## Explanation

A program entered the ALCS ECB-controlled program CXE0 with one of the following incorrect entry conditions:

The communication error code is invalid

The ALCI record type code is not recognized.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CXE0

---

<b>00018D</b>	<b>ERROR RETURN FROM PRINTER QUEUE SWING</b>
---------------	--

## Explanation

A ZACOM command requested a message queue transfer to another printer, but was unable to make this transfer. This could be because the file copy of the messages was corrupted or ALCS could not retrieve the resource control record (RCR).

## System action

ALCS bypasses the request. Processing continues.

## Operator response

If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Module

COMB

---

<b>00018E</b>	<b>NO SLC LINKS DEFINED</b>
---------------	-----------------------------

## Explanation

A program entered the ALCS ECB-controlled program CSQC or CSQS with incorrect entry conditions.

## System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

CSQC, CSQS

---

**00018F**                    **ORIGINATING RESOURCE NOT KNOWN TO ALCS**

### Explanation

The ZROUT command processor was called with incorrect entry conditions. The originating terminal CRI (in ECB field EBROUT) was invalid.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

COML

---

**000190**                    **COMMS LOGIC ERROR - BAD RC FROM COMCC**

### Explanation

There is an internal logic error in an ALCS routine.

### System action

ALCS terminates the entry.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

COML, COMB, CPL1, CWAS

---

**000191**                    **INVALID CRI IN EBROUT**

### Explanation

A program entered the ALCS ECB-controlled program CFMT with an invalid CRI in EBROUT.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program then inform your IBM programming support representative.

### Module

CFMT

---

**000192**                    **ZRETR ERROR - *reason***

### Explanation

There was an internal error processing the ZRETR command. The *reason* is one of:

**CAN NOT RETRIEVE MESSAGE RECORD**  
**CAN NOT SET/RESET RETRIEVE INDICATOR**

### User response

This error should not occur. If it does, contact your IBM programming service representative.

### Module

CRT1

---

**000193**                    **PLEXC - UNEXPECTED RETURN CODE**

### Explanation

Invalid return code from PLEXC monitor-request macro.

### System action

ALCS terminates the entry.

### System programmer response

Inform your IBM programming representative.

**Module**

CPL1, CPL2

---

**000194 CACU - UNEXPECTED RETURN CODE**


---

**Explanation**

Invalid return code from ECB-controlled program CACU.

**System action**

ALCS terminates the entry.

**System programmer response**

Inform your IBM programming representative.

**Module**

CPL1

---

**000195 UNABLE TO RETRIEVE ANCHOR**


---

**Explanation**

ECB-controlled program CACU is not able to read the application and communication utility anchor record.

**System action**

ALCS terminates the entry.

**System programmer response**

Inform your IBM programming representative.

**Module**

CACU

---

**000196 UNABLE TO READ FIRST QUEUE RECORD**


---

**Explanation**

ECB-controlled program CACU is not able to read the first queue record chained from the application and communication utility anchor record.

**System action**

ALCS processing continues.

**System programmer response**

Inform your IBM programming representative.

**Module**

CACU

---

**000197 UNABLE TO READ OVERFLOW QUEUE RECORD**


---

**Explanation**

ECB-controlled program CACU is not able to read the overflow queue record chained from the application and communication utility anchor record.

**System action**

ALCS processing continues.

**System programmer response**

Inform your IBM programming representative.

**Module**

CACU

---

**000198 UNABLE TO OBTAIN A QUEUE RECORD**


---

**Explanation**

ECB-controlled program CACU is not able to obtain a queue record.

**System action**

ALCS terminates the entry.

**System programmer response**

Investigate if there is any abnormal condition (such as GFS inactive, no pool records left) and take appropriate action, otherwise collect all relevant information and inform your IBM programming representative.

**Module**

CACU

---

**000199 CACU LOGIC ERROR**


---

**Explanation**

Logic error in ECB-controlled program CACU.

**System action**

ALCS terminates the entry.

### System programmer response

Inform your IBM programming representative.

#### Module

CACU

---

**00019A NO FREE ENTRIES IN ANCHOR**

#### Explanation

ECB-controlled program CACU was called. No free entries are left in the application and communication utility anchor record.

#### System action

ALCS terminates the entry.

### System programmer response

Inform your IBM programming representative.

#### Module

CACU

---

**00019B INVALID REQUEST CODE**

#### Explanation

ECB-controlled program CACU was called with an invalid request code.

#### System action

ALCS terminates the entry.

### System programmer response

Inform your IBM programming representative.

#### Module

CACU

---

**00019C INVALID ADD TO QUEUE**

#### Explanation

ECB-controlled program CACU was called with invalid entry conditions.

#### System action

ALCS terminates the entry.

### System programmer response

Inform your IBM programming representative.

#### Module

CACU

---

**00019D DISPC - INVALID RESOURCE**

#### Explanation

Scrolling is inhibited for this communication resource. Only the DISPC ADD and DISPC SEND macros may be used. DISPC SEND DEST is not allowed.

#### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

#### Module

CSCS, CSC2, CSC7, CSC8

---

**0001A0 ZCTCB LOGIC ERROR**

#### Explanation

ALCS detected a logic error while processing a ZCTCB command.

#### System action

ALCS terminates the entry.

### Operator response

Inform your system programmer.

### System programmer response

Inform your IBM programming support representative.

---

**0001A1 INVALID CLCCC MACRO PARAMETERS**

#### Explanation

ALCS detected a logic error while processing a ZCTCB command.

#### System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCPERF

---

### 0001A2 LEVEL DF IS NOT FREE

## Explanation

ALCS detected a logic error (level DF is not free) while processing a ZCTCB command.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCPERF

---

### 0001A3 INVALID PRFCC MACRO PARAMETERS

## Explanation

ALCS detected a logic error while processing a ZPERF command.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCPERF

---

### 0001A4 PERFORMANCE MONITOR - LOGIC ERROR

## Explanation

ALCS detected a logic error while processing a ZPERF command.

## System action

ALCS continues.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

CPM3, CPM7

---

### 0001A5 PERFORMANCE MONITOR - INTERNAL ERROR

## Explanation

ALCS detected an internal error while processing a ZPERF command.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

CPM2, CPM3, CPM6

---

### 0001A6 PERFORMANCE MONITOR - INTERNAL ERROR

## Explanation

ALCS detected an internal error while processing history performance data.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

CPM5

---

<b>0001A7</b>	<b>TERMINATION REQUESTED BY USRWAIT INSTALLATION-WIDE EXIT</b>
---------------	--

## Explanation

ALCS installation-wide monitor exit USRWAIT determined that processing of this entry must be terminated.

## System action

ALCS terminates the entry.

## Programmer response

If the entry exceeded the limit that SLIMC can reset, and if the entry genuinely needs to do a large number of reads, then include a SLIMC monitor-request macro in the application to increase the read threshold for this entry. Otherwise correct the programming error or inform your system programmer to investigate the USRWAIT installation-wide monitor exit.

## Module

DXCNUC

---

<b>0001A8</b>	<b>HALTC - ENTRY NOT AUTHORIZED</b>
---------------	-------------------------------------

## Explanation

An ECB-controlled program issued a HALTC monitor-request macro, but the entry is not authorized to issue HALTC. Only entries with Prime CRAS authority are authorized to issue HALTC.

## System action

ALCS terminates the entry.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCPHM

---

<b>0001A9</b>	<b>NO BATAP IMA SLOTS</b>
---------------	---------------------------

## Explanation

No BATAP input message acknowledgment ( IMA ) transmit slots are available.

## System action

ALCS terminates the entry. BATAP is unusable.

## User response

After solving the problem, terminate the session and re-establish it by means of an ALCS command.

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CBQX

---

<b>0001AB</b>	<b>INVALID BATAP TRAILER</b>
---------------	------------------------------

## Explanation

An incorrect BATAP trailer, appended to an input message, was received.

## System action

ALCS terminates the entry and ignores the input message, forcing re-transmission of the message.

## User response

If this error occurs, ask your system programmer to inform your high-level-network support representative.

## Module

CBQZ

---

<b>0001AC</b>	<b>INVALID BATAP IMA</b>
---------------	--------------------------

## Explanation

An invalid BATAP input message acknowledgment ( IMA ), appended to an input message, was received.

## System action

ALCS terminates the entry and ignores the input message, forcing re-transmission of the message.

## User response

If this error occurs, ask your system programmer to inform your high-level-network support representative.

## Module

CBQZ

---

<b>0001AD</b>	<b>COMMS LOGIC ERROR - BAD RC FROM COMCC</b>
---------------	--

## Explanation

There is an internal logic error in an ALCS routine.

## System action

ALCS terminates the entry.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CKY1, CKY2

---

<b>0001AE</b>	<b>COMMS LOGIC ERROR - INVALID CRI</b>
---------------	--

## Explanation

There is an internal logic error in an ALCS routine.

## System action

ALCS terminates the entry.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CKY1

---

<b>0001AF</b>	<b>PF KEY RECORD <i>type</i> ERROR</b>
---------------	--

## Explanation

An error occurred while:

***type* READ**  
reading

***type* FIND/FILE**  
reading or filing

a PF key record.

## System action

If *type* is READ, ALCS continues processing normally using default PF keys. If *type* is FIND/FILE, ALCS terminates the entry.

## User response

Check if the error was caused by:

- User corruption of the PF key record.
- Hardware problem.

If not then ask your system programmer to inform your IBM programming support representative.

## Module

CKY1, CKY2

---

<b>0001B3</b>	<b>RECYCLE ATTENTION MSG REQUESTED FOR LT POOL</b>
---------------	--

## Explanation

A program entered the ALCS ECB-controlled program CVEA with incorrect entry conditions.

## System action

ALCS continues processing normally.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CVEA

---

<b>0001C1</b>	<b>DECBC - INVALID DECB REFERENCE</b>
---------------	---------------------------------------

## Explanation

An ECB-controlled program issued a monitor-request macro that specified a DECB address. The DECB address did not reference a valid DECB or referenced one that had been released.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**0001C2            DECBC - I/O IN PROGRESS**

### Explanation

An ECB-controlled program issued a DECBC monitor-request macro that specified a DECBC for which I/O was in progress.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**0001C3            DECBC - BLOCK ATTACHED**

### Explanation

An ECB-controlled program issued a DECBC FUNC=RELEASE monitor-request macro that specified a DECBC with a storage block attached.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**0001C4            DECBC - DECBC NAME NOT KNOWN**

### Explanation

An ECB-controlled program issued a DECBC FUNC=RELEASE monitor-request macro and specified the NAME parameter. However the DECBC name specified did not reference a known DECBC.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**0001C5            DECBC - INVALID FUNCTION CODE**

### Explanation

An ECB-controlled program issued a DECBC monitor-request macro but the function type was not valid.

### System action

ALCS terminates the entry.

### System programmer response

This should not occur. If it does, contact your IBM programming service representative.

### Module

DXCSTG

---

**0001C6            DECBC - INVALID LEVEL REFERENCE**

### Explanation

An ECB-controlled program issued a DECBC FUNC=SWAPBLK monitor-request macro that specified a data level that was invalid. Valid ECB level references are D0 (value 0), D1 (value 8), and so on up to DF (value decimal 120).

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**0001D1            TRACE - INVALID ENTRY CONDITIONS**

### Explanation

A program entered the ALCS ECB-controlled program CGTD with incorrect entry conditions.

### System action

ALCS continues processing normally.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

CGTD

---

**0001D2**                    **TRACE LOGIC ERROR**

### Explanation

There is an internal logic error in an ALCS routine. Either there is no buffer for trace, or the buffer is too small.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

DXCGTF

---

**0001D3**                    **ERROR STOPPING CONV TRACE**

### Explanation

The ALCS trace facility was unable to stop a conversational trace.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

### System programmer response

If this error occurs, inform your IBM programming support representative.

### Module

CGTD

---

**0001D4**                    **ERROR RELEASING CONV TRACE CONTROL AREA**

### Explanation

The ALCS trace facility was unable to release a conversational trace control area.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

### System programmer response

If this error occurs, inform your IBM programming support representative.

### Module

CGTD

---

**0001D5**                    **LOGIC ERROR -- INVALID GTFCC RETURN CODE**

### Explanation

The ZTRAC command processor detected an internal logic error in an ALCS routine.

### System action

ALCS terminates the entry.

## Operator response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CGTZ

---

**0001D8**            **ALCS THROTTLE -- INTERNAL ERROR**

## Explanation

ALCS detected an internal error while processing a ZCTHR command or THRTC monitor-request macro.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

This problem should not occur. If it does, contact your IBM programming support representative.

## Module

CTH1, CTH2, CTH3

---

**0001D9**            **INTERNAL ERROR**

## Explanation

ALCS detected an internal error.

## System action

ALCS continues.

## Operator response

Inform your system programmer.

## System programmer response

This problem can not occur. Inform your IBM programming support representative.

## Module

CTH3, CTH4

---

**0001E0**            **SYNCC - ADDRESS SUPPLIED NOT WITHIN GLOBAL AREA**

## Explanation

An ECB-controlled program issued a SYNCC monitor-request macro, but the address of the global field passed to the monitor is not within the global area address range.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSNC

---

**0001E1**            **GLOBAL TOO LARGE TO FIT IN XCF BUFFER**

## Explanation

ALCS is trying to derive the size of buffer required to read/write a global record/field from/to a coupling facility cache structure. The maximum size of the buffer is 64K and the global record/field size is greater than that.

## System action

If there is an active entry, then ALCS terminates it and continues. If there is no active entry, then ALCS ends abnormally.

## Operator response

If ALCS goes catastrophic, then activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

The size of the global record/field is derived from the global load control programs. Check that these programs assembled without error; if any errors were reported, correct them and reassemble the programs. Check that the specified size of any global record is not greater than 64K. If it is, reduce the size of the global record. If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Module

DXCKPM, DXCKPT, DXCSNC

---

**0001E2            SYNCC - GLOBAL TOO LARGE FOR  
                  CACHE ENTRY**

**Explanation**

An ECB-controlled program issued a SYNCC monitor-request macro, but ALCS has found that the global record/field is too large for the maximum size of a data entry as currently defined in the coupling facility cache structure.

**System action**

ALCS terminates the entry.

**System programmer response**

The size of the global record/field is derived from the global load control programs. Check that these programs assembled without error; if any errors were reported, correct them and reassemble the programs. If not, inform your IBM programming support representative.

**Programmer response**

Inform your System Programmer.

**Module**

DXCSNC

---

**0001E3            UNEXPECTED RETURN CODE  
                  FROM XES REQUEST**

**Explanation**

ALCS received an unexpected return code from a request for an XES service.

**System action**

If there is an active entry, then ALCS terminates it and continues. If there is no active entry, then ALCS ends abnormally.

**Operator response**

If ALCS goes catastrophic, then activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your System Programmer.

**System programmer response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCKPM, DXCKPT, DXCSNC

---

**0001F0            CRYPC - ICSF NOT SUPPORTED**

**Explanation**

An ECB-controlled program issued a CRYPC macro, but this ALCS system does not support communicating with ICSF.

**System action**

ALCS terminates the entry.

**Operator response**

Activate an ALCS system that supports communication with ICSF.

**User response**

If you intend to run programs that use the CRYPC macro, you must activate ICSF on the same z/OS image and generate ALCS with ICSF support.

**Module**

DXCICSF

---

**0001F1            CRYPC - PARAMETER LIST NOT  
                  ACCESSIBLE**

**Explanation**

An ECB-controlled program issued a CRYPC macro, but the parameter list that was specified is not in accessible storage or the parameters that are addressed by the parameter list are not accessible. The output parameter must have write access.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCICSF

---

**0001F2            CRYPC - INVALID LENGTH**

**Explanation**

The length of the data to be encrypted or decrypted is not valid. The length must be 1 - 4096 characters.

## System action

ALCS returns a return code of 8 to the application.

## Programmer response

Correct the programming error.

## Module

DXCICSF

---

**0001F3                    CRYPC - INVALID PARAMETERS**

## Explanation

One of the parameters that was passed to the DXCICSF monitor routine is not valid.

## System action

ALCS terminates the entry.

## System programmer response

This error should not occur because the assembler should flag any invalid parameters on the CRYPC macro call. The parameter is either the function or the key type. Inform your IBM programming support representative.

## Module

DXCICSF

---

**0001F4                    CRYPC - NO IOCB AVAILABLE**

## Explanation

An ECB-controlled program issued a CRYPC macro but ALCS needs an IOCB to process the request. All except one of the IOCBs are in use. (ALCS cannot dispense the last IOCB.)

## System action

ALCS terminates the entry.

## System programmer response

Check the system error dump to see why the IOCBs are in use. The shortage of IOCBs can indicate, for example, one of the following conditions:

- An exceptional amount and type of work required extra IOCBs.
- The ALCS generation did not specify enough IOCBs.

## Module

DXCICSF

---

**0001F5                    ICSF SUBTASK ABEND**

## Explanation

The subtask that ALCS attaches in order to process CRYPC macro requests ended abnormally.

## System action

ALCS terminates any entry that was using the subtask.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code. General register 15 (RDB) contains the address of a 72-byte area of storage that contains the PSW and general registers 0 - 15.

## Module

DXCICSF

---

**000200                    HTTPC -- HTTP CLIENT SERVICES  
NOT SUPPORTED**

## Explanation

An ECB-controlled program issued a HTTP CLIENT call but this ALCS system does not support the HTTP client.

## System action

ALCS terminates the entry.

## Operator response

Activate an ALCS system that supports the HTTP Client.

## User response

If you intend to run programs which use the HTTP client, you must generate ALCS with HTTP Client support.

## Module

DXCJSON

---

**000201                    HTTPC -- PARAMETER LIST NOT  
ACCESSIBLE**

## Explanation

An ECB-controlled program issued a HTTP Client call but the parameter list specified is not in accessible storage or the parameters addressed by the parameter list are not accessible.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCHTTP

---

**000202 HTTPC -- INVALID PARAMETER**

## Explanation

An ECB-controlled program issued a HTTP Client call but the parameter specified is invalid.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCHTTP

---

**000204 HTTPC – EXIT SUBTASK ABEND**

## Explanation

The subtask that ALCS uses to do HTTP handle clean-up has abended.

## System action

The EXIT subtask is terminated by RTM and ALCS will create a new Exit subtask.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code. General

register 1 (RG1) points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0 are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCHTTP

---

**000205 HTTPC -- CONNECTION SUBTASK ABEND**

## Explanation

A subtask that ALCS uses to perform application HTTP Client calls has abended.

## System action

ALCS terminates the Entry. The Connection subtask is terminated by RTM and ALCS will create a new Connection subtask.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code. General register 1 (RG1) points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0 are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCHTTP

---

**000206 HTTPC -- SUBTASK TABLE FULL**

## Explanation

The subtask table has no available slots.

## System action

ALCS terminates the Entry.

### System programmer response

Increase the number of HTTP subtasks on the SCTGEN HTTP= parameter, rebuild the System Table and restart ALCS with the new System Table.

### Module

DXCHTTP

---

**000207**            **HTTPC -- REQUEST HANDLE  
TABLE FULL**

### Explanation

The request handle table has no available slots.

### System action

ALCS terminates the Entry.

### System programmer response

Increase the number of HTTP request handles on the SCTGEN HTTP= parameter, rebuild the System table and restart ALCS with the new System table.

### Module

DXCHTTP

---

**000208**            **HTTPC -- CONNECTION SUBTASK  
ABEND - ECB TERMINATED**

### Explanation

A subtask that ALCS uses to perform application HTTP Client calls has abended.

### System action

ALCS terminates the Entry. The Connection subtask is terminated by RTM and ALCS will create a new Connection subtask.

### Module

DXCHTTP

---

**000210**            **JSONC -- JSON PARSER SERVICES  
NOT SUPPORTED**

### Explanation

An ECB-controlled program issued a JSON Parser call, but this ALCS system does not support JSON Parser services.

### System action

ALCS terminates the entry.

### Operator response

Activate an ALCS system that supports JSON Parser services.

### User response

If you intend to run programs which use JSON Parser services, you must generate ALCS with JSON Parser Services support.

### Module

DXCJSON

---

**000211**            **JSONC -- PARAMETER LIST NOT  
ACCESSIBLE**

### Explanation

An ECB-controlled program issued a JSON Parser call but the parameter list specified is not in accessible storage or the parameters addressed by the parameter list are not accessible.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCJSON

---

**000212**            **JSONC -- INVALID PARAMETER**

### Explanation

An ECB-controlled program issued a JSON Parser call but the parameter specified is invalid.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module:

DXCJSON

---

**000213**            **JSONC -- NO IOCB AVAILABLE**

## Explanation

An ECB-controlled program issued a JSON Parser call but ALCS needs an IOCB to process the request. All except one of the IOCBs are in use (ALCS cannot dispense the last IOCB).

## System action

ALCS terminates the entry.

## System programmer response

Check the system error dump to see why the IOCBs are in use. The shortage of IOCBs can indicate for example:

- An exceptional amount and type of work required extra IOCBs. The ALCS generation did not specify enough IOCBs.
- The ALCS generation did not specify enough IOCBs.

## Module

DXCJSON

---

### 000214 JSONC -- JSON SUBTASK ABEND

## Explanation

A subtask that ALCS uses to perform JSON Parser calls has abended.

## System action

ALCS terminates the entry. RTM will terminate the Subtask and ALCS will create a new JSON subtask.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code. General register 1 (RG1) points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0 are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCJSON

---

### 000215 JSONC -- HANDLE TABLE FULL

## Explanation

The Parser Instance Handle table has no available slots.

## System action

ALCS terminates the Entry.

## System programmer response

Increase the number of JSON Handles on the JSON= parameter in SCTGEN. Rebuild the System table and restart ALCS with the new System table.

## Module

DXCJSON

---

### 000216 JSONC -- THE HWTJDEL CALLABLE SERVICE IS NOT AVAILABLE ON THIS LEVEL OF Z/OS

## Explanation

The HWTJDEL callable service is only available on z/OS 2.3 or later.

## System action

ALCS terminates the entry.

## Programmer response

Either remove the HWTJDEL call or have the z/OS version upgraded to 2.3 or later.

## Module

DXCJSON

---

### 000217 JSONC -- JSON SUBTASK ABEND - ECB TERMINATED

## Explanation

ALCS terminates the Entry. A subtask that ALCS uses to perform application JSON Parser calls has abended.

## System action

The JSON subtask is terminated by RTM and ALCS will create a new JSON subtask.

## Module

DXCJSON

---

**000218**            **218 JSONC -- HTTP CONNECTION  
SUBTASK ABEND**

## Explanation

A subtask that ALCS uses to perform application JSON Parser calls has abended.

## System action

ALCS terminates the Entry. The Connection subtask is terminated by RTM and ALCS will create a new HTTP Connection subtask.

## System programmer response

This error should not occur. If it does, inform your IBM programming support representative.

## Problem determination

General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area.

The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCHTTP

---

**000219**            **JSONC -- HTTP CONNECTION  
SUBTASK ABEND - ECB  
TERMINATED**

## Explanation

ALCS terminates the Entry. A subtask that ALCS uses to perform application JSON calls has abended.

## System action

ALCS terminates the entry. The HTTP Connection subtask is terminated by RTM and ALCS will create a new HTTP Connection subtask.

## Module

DXCHTTP

---

**000301**            **SEND - MONITOR *action* ERROR**

## Explanation

ALCS detected an error in a monitor routine while processing a SENDC K or ROUTC monitor-request macro for an SLC message. Where *action* is one of:

FIND  
GET FILE  
RELEASE FILE

## System action

ALCS discards the message and terminates the entry.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSLCSN

---

**000302**            **INPUT LCB - MONITOR RELEASE  
FILE ERROR**

## Explanation

ALCS detected an error in a monitor release file routine while processing an input SLC link control block (LCB).

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSLCIN

---

**000305**            **SEND - MAXIMUM MESSAGE TEXT  
EXCEEDED**

## Explanation

An ECB-controlled program issued a SENDC K monitor-request macro and the message length exceeded the maximum message length allowed.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSLCSN

---

**000306 SEND - NCB NOT ALLOWED**

## Explanation

An ECB-controlled program issued a SENDC K, NCB=YES monitor-request macro and did not specify a Type 3 SLC link.

## System action

ALCS terminates the entry.

## User response

Check the ALCS communication generation. Ensure that this type of macro is only issued for a Type 3 SLC link. Correct the programming error.

## Module

DXCSLCSN

---

**000307 SEND - NOT ALLOWED TO SLC STV RESOURCE**

## Explanation

An ECB-controlled program issued a send-type monitor-request macro, but the destination was a system test vehicle (STV) terminal on an SLC link.

## System action

ALCS terminates the entry.

## User response

Check the ALCS communication generation. Ensure that SLC resources are not specified as STV resources. Correct the programming error.

## Module

DXCSLCSN

---

**00030A CMD - TEST MESSAGE TEXT IS TOO LONG**

## Explanation

There is an internal logic error in an ALCS routine. ALCS could not generate a test message requested by a ZLTST command.

## System action

ALCS bypasses the test message and continues to process the command.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CMDC, CMDD

---

**00030B RESUME/STOP RCVD FOR NONEXISTENT CHANNEL**

## Explanation

ALCS received a resume or stop link control block (LCB) on an SLC link and the LCB referred to a link channel number that was out of range of valid channel numbers for the link.

## System action

ALCS discards the LCB.

## User response

This is an SLC protocol error. Check that the ALCS communication generation correctly defines the SLC link. If the problem persists, use (for example) the ALCS SLC link trace facility to discover the exact sequence of blocks transmitted on the link.

## Module

DXCSLCIN

---

**00030C SUBSEQUENT ENQ - NOT IN ENQ PROCEDURE**

## Explanation

There is an internal logic error in an ALCS routine. ALCS detected an error in the internal SLC procedure (subsequent ENQ requested, channel not in ENQ procedure).

## System action

ALCS ignores the error.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CMC4, DXCSLCIN

---

<b>000313</b>	<b>ERROR ON FILING PSEUDO LINK BLOCK</b>
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## Explanation

ALCS detected an error when filing a pool record. The error occurred while ALCS was preparing to retransmit a multiblock message.

## System action

ALCS does not retransmit the message.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CMCY, CMC1

---

<b>000314</b>	<b>SLC PROTOCOL ERROR - ACK FOR UNUSED LABEL</b>
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## Explanation

ALCS received a positive acknowledgment link control block (LCB) that completely acknowledged an SLC multiblock message, but the associated message label was not in use.

## System action

ALCS ignores the LCB.

## User response

This is an SLC protocol error. If the problem persists, use (for example) the ALCS SLC link trace facility to discover the exact sequence of blocks transmitted on the link.

## Module

DXCSLCIN

---

<b>000315</b>	<b>SLC OUTPUT MESSAGE FIND ERROR</b>
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## Explanation

ALCS detected an error when reading a pool file record. The error occurred while ALCS was preparing to retransmit an SLC multiblock message as a possible duplicate message.

## System action

ALCS does not retransmit the message.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CMC1

---

<b>000316</b>	<b>SLC OUTPUT MESSAGE FILE ERROR</b>
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## Explanation

ALCS detected an error when filing a pool file record. The error occurred while ALCS was preparing to retransmit an SLC multiblock message as a possible duplicate message.

## System action

ALCS does not retransmit the message.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CMC1

---

<b>000317</b>	<b>SLC LOGIC ERROR - INVALID INPUT CRI</b>
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## Explanation

There is an internal logic error in an ALCS routine.

## System action

ALCS discards the input message.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSLCIP

---

**000318 SLC LINK ENVELOPE FORMAT ERROR**

## Explanation

ALCS detected an error in the contents of the link envelope for a message received on an SLC link.

## System action

ALCS discards the input message.

## User response

This is an SLC protocol error. Check that the ALCS communication generation correctly defines the SLC link. If the problem persists, use (for example) the ALCS SLC link trace facility to discover which SLC link envelope flags were in error.

## Module

DXCSLCIP

---

**00031E DXCCOMT - INVALID INPUT MESSAGE DISCARDED**

## Explanation

ALCS detected an invalid character (x'00') in an ALC format input message.

## System action

ALCS discards the input message.

## User response

Ensure that ALC format messages do not contain invalid characters.

## Problem determination

At the time of the system error dump, general register 1 points to the invalid character and general register 5 points to the base of the input message block.

## Module

DXCCOMT

---

**00031F module - INVALID APPLICATION NAME**

## Explanation

ALCS detected an invalid destination application name for a message received on an SLC link.

## System action

ALCS discards the input message.

## User response

Check that the remote ALC terminal or SLC link is routed to a valid ALCS application.

## Module

DXCSLCIP, DXCCOMT

---

**000320 CSMS CALLED WITH NO MESSAGE**

## Explanation

An ECB-controlled program called the ALCS SMTP message sender program, CSMS, with no output message block attached on storage level 0 (D0).

## System action

ALCS terminates the entry.

## Programmer response

Correct the program that called CSMS.

## Module

CSMS

---

**000321 EMAIL LOGIC ERROR - BAD RETURN FROM CSO1**

## Explanation

While processing an outbound e-mail SMTP message, ALCS detected a logic error in the e-mail support.

## System action

ALCS discards the e-mail message.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

CSMS

---

**000322 ERROR FINDING SMTP MESSAGE BLOCK****Explanation**

ALCS detected an error when trying to read a data base record which contains part or all of an e-mail SMTP message. This may be caused by either an invalid record-id or an invalid file address.

**System action**

ALCS terminates the entry. The SMTP message is lost.

**System programmer response**

Ensure that the record has not been illegally modified by an application program. If it has not, inform your IBM programming support representative.

**Module**

CSI1

---

**000323 SMTP HEADER LINE TOO LONG****Explanation**

While analyzing an inbound e-mail SMTP message, ALCS detected that the message contained a header line which was longer than the maximum (1024 characters) which ALCS supports.

**System action**

ALCS terminates the entry. The SMTP message is lost.

**Module**

CSI1

---

**000324 SMTP HEADER FIELD TOO LONG****Explanation**

While analyzing an inbound e-mail SMTP message, ALCS detected that the message contained a header field which was longer than the maximum (1024 characters) which ALCS supports.

**System action**

ALCS terminates the entry. The SMTP message is lost.

**Module**

CSI1

---

**000325 INVALID MIME HEADER****Explanation**

While analyzing an inbound e-mail SMTP message, ALCS detected that the message contained a header that was not in the correct format (RFC 822).

**System action**

ALCS terminates the entry. The SMTP message is lost.

**Module**

CSI1

---

**000326 EMAIL CONVERSION TO BASE64 FAILED****Explanation**

An ECB-controlled program called the ALCS SMTP message sender program, CSMS, and the body of the message was not in EBCDIC. ALCS could not convert the message body into base64 code because it is too large.

**System action**

ALCS discards the e-mail message.

**Programmer response**

Correct the program that called CSMS.

**Module**

CSMS

---

**000327 E-MAIL ERROR RETRIEVING MESSAGE RECORD****Explanation**

ALCS was unable to process the outbound e-mail message queue because it was unable to retrieve a message record.

**System action**

If the condition occurs during ZMAIL QUEUE, PURGE command processing, ALCS sends an error response, otherwise ALCS terminates the entry. ALCS discards any messages on the outbound e-mail message queue.

**System programmer response**

Ensure that the record type #KPTRI (system keypoint record) ordinal number 13 has not been illegally modified by a user application program. (The hash

(#) character is represented differently by some equipment; it is the EBCDIC X'7B' character.) If it has not, then inform your IBM programming support representative.

## Module

CSMB, CSMM

---

**000328 E-MAIL ERROR RETRIEVING  
KEYPOINT RECORD**

## Explanation

ALCS was unable to access the outbound e-mail message queue because it was unable to retrieve the keypoint record.

## System action

If the condition occurs during ZMAIL QUEUE command processing, ALCS sends an error response. Otherwise ALCS terminates the entry and if processing an outbound e-mail SMTP message (in transfer vector CSMA), the e-mail message is lost.

## System programmer response

Ensure that the record type #KPTRI (system keypoint record) ordinal number 13 has not been illegally modified by a user application program. (The hash (#) character is represented differently by some equipment; it is the EBCDIC X'7B' character.) If it has not, then inform your IBM programming support representative.

## Module

CSMB, CSMM

---

**000329 E-MAIL KEYPOINT RECORD  
INITIALIZED**

## Explanation

While processing the outbound e-mail message queue, ALCS was unable to access the queue due to an ID (record identifier) or RCC (record code check) mismatch when retrieving the keypoint record.

## System action

ALCS initializes the keypoint record. Any outbound e-mail messages on the queue are discarded. The status of the outbound e-mail message queue is **started**.

## System programmer response

If this is the first time the outbound e-mail message queue is used, this message is normal. At any other time, ensure that the record type #KPTRI (system keypoint record) ordinal number 13 has not been illegally modified by a user application program. (The hash (#) character is represented differently by some equipment; it is the EBCDIC X'7B' character.) If it has not, then inform your IBM programming support representative.

## Module

CSMB, CSMM

---

**00032A CSMS CALLED WITH INVALID  
STORAGE BLOCK SIZE**

## Explanation

An ECB-controlled program called the ALCS SMTP message sender program, CSMS, with an output message block attached on storage level 0 (D0). This block is not large enough to contain the message in the format defined by the DXCSMTM macro.

## System action

ALCS terminates the entry.

## Programmer response

Correct the program that called CSMS.

## Module

CSMS

---

**00032B E-MAIL ERROR RETRIEVING  
OPERATING VALUES**

## Explanation

ALCS was unable to process the outbound e-mail message queue because it was unable to retrieve the e-mail operating values using the SOCKC monitor-request macro.

## System action

ALCS terminates the entry and stops processing the outbound e-mail message queue.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

CSMB

---

**000330 E-MAIL OUTBOUND MESSAGE  
QUEUE CORRUPTED**

### Explanation

ALCS detected corruption of the fields it uses to manage the outbound e-mail message queue.

### System action

ALCS initializes the control fields in the keypoint record. Any outbound e-mail messages on the queue are discarded.

### System programmer response

Ensure that the record type #KPTRI (system keypoint record) ordinal number 13 has not been illegally modified by a user application program. (The hash (#) character is represented differently by some equipment; it is the EBCDIC X'7B' character.) If it has not, then inform your IBM programming support representative.

## Module

CSMB, CSMM

---

**000333 COMIC -- UNEXPECTED  
CONDITION**

### Explanation

While retrieving data from the communication tables, ALCS detected that they are corrupted.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Module

DXCCOMM

---

**000334 COMMUNICATION LOGIC ERROR -  
type**

## Explanation

While updating the communication tables, ALCS detected that they are corrupted.

### System action

ALCS ends abnormally.

### Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

### System programmer response

Depends on *type*:

#### COMCC

If this error occurs inform your IBM programming support representative.

#### TABLE UPDATE

Check that all stages of the communication generation have been carried out correctly and without error. If there are no errors in the communication generation, then inform your IBM programming support representative.

## Module

DXCCOMM

---

**000335 UNKNOWN LDTYPE IN COMMS  
CONFIG LOAD MODULE**

### Explanation

During the online loading of a communication load module, the ALCS monitor routines detected an unknown LDTYPE. The LDTYPE is specified on the COMDEF macro in the communication stage 1 generation.

### System action

ALCS ends abnormally.

### System programmer response

Check that all stages of the communication generation have been carried out correctly and without error. If there are no errors in the communication generation then inform your IBM programming support representative.

## Module

DXCCOMM

---

### 000341 CAN NOT COPY DATA

## Explanation

During the resource control record (RCR) housekeeping processing, program CQS2 could not copy data from a message block to an output block.

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CQS2

---

### 000343 CAN NOT UPDATE *indicator*

## Explanation

ALCS detected an error while updating the communication table entry for a terminal, during a housekeeping activity. The *indicator* is one of:

PFKEY INDICATOR  
SCROLL INDICATOR  
RCR CHECKED INDICATOR  
REQUEST PRINTER INDICATOR  
SCROLL LOG INDICATOR  
RETRIEVE ACTIVE INDICATOR  
REDIRECTION INDICATOR  
SHADOWING INDICATOR

## System action

ALCS ignores the error and continues.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CQS6

---

### 000344 CAN NOT UPDATE SCROLL INDICATOR

## Explanation

During the resource control record (RCR) housekeeping processing, program CQS2 was unable to set the COMMS table indicator which indicates one or more scrollable output files exist for a terminal.

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CQS2

---

### 000345 CAN NOT UPDATE TRANSACTION ACTIVE INDICATOR

## Explanation

Resetting the transaction active bit in the COMMS table failed.

## System action

ALCS exits the ECB and continues.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CUM2

---

### 000346 INVALID CRI SPECIFIED

## Explanation

An application program issued a ROUTC with the UMSG indicator set, but the CRI in the routing control parameter list is not valid.

## System action

ALCS exits the ECB and continues.

## User response

Check the calling program. Make sure the application sets up a correct RCPL before issuing the ROUTC.

## Module

CUM5

---

**000347 CAN NOT PROCESS**

## Explanation

An application program issued a ROUTC with the UMSG indicator set, but an internal error occurred. The creation of a ZSNDU command line failed.

## System action

ALCS exits the ECB and continues processing.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CUM5

---

**000348 INVALID ZSNDU PARAMETERS**

## Explanation

Program CUM1 issued a ROUTC with the UMSG indicator set, but there was an error in the ZSNDU parameters - probably a wrong time-out value in the installation-wide exit AUM3.

## System action

ALCS exits the ECB and continues processing.

## User response

If the installation-wide exit caused the error, correct it. Otherwise, ask your system programmer to inform your IBM programming support representative.

## Module

CUM5

---

**000351 RESOURCE IS NOT APPC**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to an APPC resource, but ALCS found that the resource type was not valid.

## System action

ALCS terminates the entry.

## Programmer response

This error should not occur. If it does, ask your system programmer to inform your IBM programming representative.

## Module

DXCCOLI

---

**000352 APPC RESOURCE IS INACTIVE**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to an APPC resource, but the destination resource was not active.

## System action

ALCS terminates the entry.

## Programmer response

Use the COMIC monitor-request macro to determine if the destination APPC resource is active before calling ROUTC.

## Module

DXCCOLI

---

**000353 APPC SEND CONVERSATION NOT ALLOCATED**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to an APPC resource, but there was no conversation allocated for sending the data.

## System action

ALCS terminates the entry.

## Programmer response

This error should not occur. If it does, ask your system programmer to inform your IBM programming representative.

## Module

DXCCOLI

---

**000354 SEND TO TYPE3 APPC RESOURCE NOT SUPPORTED**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to an APPC resource, but the destination resource is defined as COMDEF PRTCOL=TYPE3 in the communication generation.

## System action

ALCS terminates the entry.

## User response

Check that the resource is correctly defined in the communication generation.

## Module

DXCCOLI

---

**000360 CWW1 - UNKNOWN ORIGINATOR**

## Explanation

The ALCS Web server received input with an unknown originator CRI.

## User response

This error should not occur. If it does, contact your IBM programming representative.

---

**000361 CWW1 - ORIGINATOR NOT TCP/IP**

## Explanation

The ALCS Web server received input with an originator CRI that is not defined as a TCP/IP resource.

## User response

This error should not occur. If it does, contact your IBM programming representative.

---

**000362 CWW1 - HFS UNUSABLE**

## Explanation

The ALCS Web server was not able to access the ALCS hierarchical file system (HFS).

## Operator response

Notify your system programmer. The ALCS Web server is unusable.

## System programmer response

You may be able to recover the ALCS HFS by restoring the record #KPTRI ordinal 9 from the ALCS database update log.

Alternatively, you can reinitialize the ALCS HFS by resetting the record ID of #KPTRI(9) to binary zeros, using the ZAFIL command. This deletes the entire contents of the ALCS HFS - you must reload all your files from your PC copies.

Alternatively, restore the ALCS real-time database.

---

**000363 CWW3 - UNABLE TO READ HFS OBJECT**

## Explanation

The ALCS Web server was not able to access an object in the ALCS hierarchical file system (HFS).

## Operator response

Notify your system programmer.

## System programmer response

Reload the object from your PC copy.

---

**000364 CWW5 - INVALID ECB LEVEL SPECIFIED**

## Explanation

A program entered module CWW5, but the data level specified in general register 14 is invalid.

## System action

The ALCS web server sends an error response.

## Programmer response

Correct the programming error.

---

**000365 CWW5 - STORAGE LEVEL NOT IN USE**

## Explanation

A program entered module CWW5, but the level specified in general register 14 is not in use.

## System action

The ALCS web server sends an error response.

## Programmer response

Correct the programming error.

---

**000366 CWW5 - INVALID RECORD ID**

---

**Explanation**

A Web program entered program CWW5, but the storage block attached at the specified ECB level does not contain a record belonging to the ALCS output file (created by DISPC ADD macro).

**System action**

The ALCS Web server sends an error response.

**Programmer response**

Correct the programming error.

---

**000367 CWW5 - NO LINES IN OUTPUT FILE**

---

**Explanation**

A Web program entered module CWW5, but no DISPC ADD calls were issued to add one or more HTML text lines to the ALCS output file.

**System action**

The ALCS Web server sends an error response.

**Programmer response**

Correct the programming error.

---

**000368 CWW5 - CANNOT RETRIEVE OUTPUT MSG RECORD**

---

**Explanation**

A find error occurred on the retrieval of an ALCS output message record while building a Web server Sender data record.

**System action**

The ALCS Web server sends an error response.

**System programmer response**

Examine the system error dump and determine the cause of the error.

If it is due to a record ID error, check whether the database is corrupted (for example, because of pool problems).

If it is due to a hardware error, get the unit serviced.

---

**000369 CWW1 - INCORRECT RETURN CONDITIONS FROM WEB PROGRAM**

---

**Explanation**

A Web program returned to program CWW1 using BACKC in order to select a Web page, but the return conditions were incorrect.

**System action**

The ALCS Web server sends an error response.

**Programmer response**

Correct the Web program to ensure the correct conditions are set up before you return to CWW1 using BACKC.

---

**00036A CWW1 - LOOP DETECTED IN DYNAMIC PAGE SELECTION**

---

**Explanation**

A Web program returned to program CWW1 using BACKC in order to select a Web page, but the maximum number of nested Web programs selected has been reached. ALCS assumes an unrecoverable loop has occurred.

**System action**

The ALCS Web server sends an error response.

**System programmer response**

You may only dynamically select up to a maximum of five nested Web programs. Check your Web programs to ensure that no more than five nested Web programs are selected. Check also that your Web program is not selecting itself.

---

**00036B CWW6 - UNABLE TO READ HFS OBJECT**

---

**Explanation**

The ALCS Web server was not able to access an object in the ALCS hierarchical file system (HFS).

**Operator response**

Notify your system programmer.

**System programmer response**

Reload the object from your PC copy.

---

**00036C CWW6 - HFS UNUSABLE**

---

**Explanation**

The ALCS Web server was not able to access the ALCS hierarchical file system (HFS).

**Operator response**

Notify your system programmer. The ALCS Web server is unusable.

**System programmer response**

You may be able to recover the ALCS HFS by restoring the record #KPTRI ordinal 9 from the ALCS database update log.

Alternatively, you can reinitialize the ALCS HFS by resetting the record ID of #KPTRI(9) to binary zeros, using the ZAFIL command. This deletes the entire contents of the ALCS HFS - you must reload all your files from your PC copies.

Alternatively, restore the ALCS real-time database.

---

**00036D CWW6 - LOOP DETECTED IN SSI PROCESSING**

---

**Explanation**

Web pages may include the text of another file by using the #include SSI directive. This file may also include the text of another file. This is known as nesting. ALCS has detected more than 5 levels of nesting. ALCS assumes an unrecoverable loop has occurred.

**System action**

The ALCS Web server sends an error response.

**System programmer response**

Correct your Web pages. Ensure that no more than 5 levels of #include nesting is present in your pages. Check also that your pages do not #include themselves.

---

**00036E UNABLE TO READ HFS STATE CONTROL BLOCK**

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**Explanation**

ALCS could not read the hierarchical file system (HFS) state control block for a resource.

**System action**

ALCS allocates a new HFS state control record and continues.

---

**00036F CWW2 - OUTPUT MESSAGE NOT ATTACHED**

---

**Explanation**

A Web program entered program CWW2, but there is no OMSG block attached at ECB storage level D0.

**System action**

ALCS terminates the entry and closes the originating Web connection.

**Programmer response**

Correct the programming error.

---

**000370 UNABLE TO READ HFS DIRECTORY**

---

**Explanation**

ALCS was not able to access a directory in the ALCS hierarchical file system (HFS).

---

**000371 LOGIC ERROR - WILDC WORK AREA TOO SMALL**

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**Explanation**

An internal error occurred in ALCS hierarchical file system (HFS) processing. The work area provided to WILDC was too small.

**System action**

ALCS terminates the entry.

**System programmer response**

This error should not occur. If it does, contact your IBM programming representative.

---

**000373 UNABLE TO OPEN HFS**

---

**Explanation**

ALCS was not able to open the ALCS hierarchical file system (HFS).

**System action**

ALCS terminates the entry.

## System programmer response

You may be able to recover the ALCS HFS by restoring the record #KPTRI ordinal 9 from the ALCS data base update log. Alternatively, you can reinitialize the ALCS HFS by resetting the record ID of #KPTRI(9) to binary zeros, using the ZAFIL command. This deletes the entire contents of the ALCS HFS - you must reload all your files from your PC copies. Alternatively, restore the ALCS real-time data base.

## Module

CHFC

---

<b>000374</b>	<b>UNABLE TO READ HFS LONG-NAME</b>
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## Explanation

ALCS was not able to access the component of the ALCS hierarchical file system (HFS) that contains the full name of an object with a long name.

## System action

ALCS terminates the entry.

## System programmer response

Inform your IBM programming support representative.

## Module

CHFC

---

<b>00037A</b>	<b>FILE TRANSFER - UNEXPECTED INPUT</b>
---------------	---

## Explanation

The terminal (PC) which initiated the file transfer transmitted data to ALCS which does not conform to the IBM 3270-PC file transfer protocol.

## System action

ALCS terminates the file transfer.

## User response

Inform your PC administrator. If this PC is able to transfer files successfully to other IBM host systems such as VM/CMS or MVS/TSO, then ask your system programmer to inform your IBM programming support representative.

## Module

CHFP

---

<b>00037B</b>	<b>FILE TRANSFER - NOT DDN TERMINAL</b>
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## Explanation

The terminal (PC) which initiated the file transfer does not support the 3270 Distributed Data Management DDN protocol.

## System action

ALCS terminates the file transfer.

## User response

Inform your PC administrator. If this PC is able to transfer files successfully to other IBM host systems such as VM/CMS or MVS/TSO, then ask your system programmer to inform your IBM programming support representative.

## Module

CHFP

---

<b>0003B0</b>	<b>ROUTC/SENDC/SPOCC - NO SUITABLE MATIP SESSION</b>
---------------	--

## Explanation

An ECB-controlled program issued a ROUTC, SENDC, or SPOCC monitor-request macro to send a message to an ALC display or printer terminal connected through the TCP/IP network. The current TCP/IP connection for this terminal is defined as MATIP Type A, but the MATIP session is stopped or reconfiguring or it does not include this terminal.

## System action

ALCS terminates the entry.

## Module

DXCSOCA

---

<b>0003B1</b>	<b>ROUTC/SENDC/SPOCC - NO TCP/IP CONNECTION</b>
---------------	---

## Explanation

An ECB-controlled program issued a ROUTC, SENDC, or SPOCC monitor-request macro to send a message to an ALC display or printer terminal connected through

the TCP/IP network. There is no current TCP/IP connection for this terminal.

### System action

ALCS terminates the entry.

### Module

DXCSOCA

---

<b>0003B2</b>	<b>ROUTC/SENDC/SPOCC - TCP/IP CONNECTION IS INACTIVE</b>
---------------	--

### Explanation

An ECB-controlled program issued a ROUTC, SENDC, or SPOCC monitor-request macro to send a message to an ALC display or printer terminal connected through the TCP/IP network. The current TCP/IP connection for this terminal is inactive or being inactivated.

### System action

ALCS terminates the entry.

### Module

DXCSOCA

---

<b>0003B6</b>	<b>ROUTC/SENDC/SPOCC - TCP/IP PROTOCOL NOT SUPPORTED</b>
---------------	--

### Explanation

An ECB-controlled program issued a ROUTC, SENDC, or SPOCC monitor-request macro to send a message to an ALC display or printer terminal connected through the TCP/IP network. The current TCP/IP connection for this terminal is not the correct type for terminal traffic.

### System action

ALCS terminates the entry.

### Module

DXCSOCA

---

<b>0003B8</b>	<b>ROUTC/SENDC/SPOCC - NO ROOM FOR MATIP HEADER</b>
---------------	---

### Explanation

An ECB-controlled program issued a ROUTC, SENDC, or SPOCC monitor-request macro to send a message to an ALC display or printer terminal connected through the TCP/IP network. ALCS can not obtain a storage

block that is large enough to contain the output message text plus the MATIP packet header.

### System action

ALCS terminates the entry.

### Module

DXCSOCA

---

<b>0003BC</b>	<b>MATIP - TERMINAL NOT IN THIS SESSION</b>
---------------	---

### Explanation

ALCS received a message from an ALC display or printer terminal connected through the TCP/IP network, using a MATIP session. However the MATIP session does not currently include this terminal address.

### System action

ALCS discards the input message.

### Module

DXCSOCA

---

<b>0003C0</b>	<b>MATIP - NO STORAGE AVAILABLE FOR ASCU LIST</b>
---------------	---

### Explanation

ALCS received a MATIP Session Open or Open Confirm command. ALCS can not obtain space (MVS GETMAIN macro) in which to build the required list of ASCU addresses.

### System action

For Session Open, ALCS rejects the MATIP session. For Open Confirm, ALCS closes the MATIP session.

### Module

DXCSOCA

---

<b>0003C1</b>	<b>MATIP - NO CORRECT ASCUS</b>
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### Explanation

ALCS received a MATIP Session Open command that contains a list of ASCU addresses. None of these addresses is valid.

## System action

ALCS rejects the MATIP session.

## Module

DXCSOCA

---

**0003C2 MATIP - NO CORRECT ASCUS**

## Explanation

ALCS received a MATIP Open Confirm command that contains a list of ASCU addresses. None of these addresses is valid.

## System action

ALCS closes the MATIP session.

## Module

DXCSOCA

---

**000400 ECB LOGIC ERROR**

## Explanation

The ALCS online monitor detected an internal logic error when handling an ECB.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Problem determination

At the time of the system error dump, general register 15 (RDB) identifies the error condition:

R1	Routine	Condition
5		
0	Release ECB	Invalid ECB address
1	Release ECB	Invalid block pointer
2	Release ECB	Invalid block address
3	Release ECB	Storage unit not in use

R1	Routine	Condition
5		
4	Release ECB	Storage unit on queue
5	Release ECB	ECB not in use
6	Release ECB	ECB on queue
7	Release ECB	Overflow SU Type 1 not in use
8	Release ECB	Overflow SU Type 1 on queue
9	Release ECB	Overflow SU Type 2/3 not in use
10	Release ECB	Overflow SU Type 2/3 on queue
11	Add to queue	ECB on queue
12	Add to queue	ECB quarantined
13	Locked dispatcher	ECB not in use
14	Locked dispatcher	ECB not on queue
15	Lockless dispatcher	ECB not in use
16	Lockless dispatcher	ECB not on queue

The system error dump includes two system error dump areas. Area 2 contains information about the failing entry (block descriptor, ECB descriptor, ECB prefix, and ECB). Area 3 contains the nucleus save area for each CPU loop.

The ECB descriptor contains additional information which may be useful for problem determination. This includes the value of the TOD clock at the time the error was detected, and events during the entry's life.

## Module

DXCNUC, DXCSTM

---

**000401 IOCB LOGIC ERROR**

## Explanation

The ALCS online monitor detected an internal logic error when handling an I/O control block (IOCB).

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCNUC, DXCSTM, DXCDSP

---

**000402**            **ENTRY ACTIVATED AFTER FORCE REQUEST**

## Explanation

An entry resumed processing after it was purged by a ZPURG Force command.

## System action

ALCS terminates the entry, and continues. ALCS marks the storage unit containing the ECB for the entry, together with any storage units that are chained from it, as *quarantined*. This ensures that the storage unit(s) will not be dispensed again until ALCS is restarted.

## Operator response

Inform the application owner.

## Module

DXCNUC

---

**000403**            **ECB CONSISTENCY ERROR**

## Explanation

ALCS detected corruption of an ECB. This is most likely caused by the application working through data and storing outside the ECB work areas.

## System action

A system dump is taken and the entry continues processing. If the error is occurring frequently, only one dump is taken each minute.

## Programmer response

Correct the programming error.

## Module

DXCSTM

---

**000409**            **Error return from IFAUSAGE macro -- ACTION=REGISTER REQUEST=functionbegin or REQUEST=functionend**

## Explanation

An error occurred when ALCS executed the IFAUSAGE macro to register for, to begin, or to end Measured Usage Licensing Charge recording.

This error can only occur at initialization or during a Recoup run. The return code is in register 15.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCMULC

---

**000410**            **ENTRY STORAGE LIMIT EXCEEDED**

## Explanation

An ECB-controlled program issued a GETCC or implied get storage monitor-request macro that exceeded the entry storage limit. The ALCS generation specifies two entry storage limits; the entry can use the SLIMC monitor-request macro to reset one, but the other is fixed. This error occurs if the entry exceeds either limit.

## System action

ALCS terminates the entry.

## User response

If the entry exceeded the limit that SLIMC can reset, and if the entry genuinely needs a large amount of storage, then include a SLIMC monitor-request macro in the application to increase the entry storage limit for this type of entry.

## Module

DXCSTM

---

**000411**            **GETCC - INVALID GET STORAGE BLOCK TYPE**

## Explanation

An ECB-controlled program issued a GETCC monitor-request macro with an invalid storage block type code. Valid block type codes are L0 (value hexadecimal 11), L1 (value hexadecimal 21), and so on.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

<b>000412</b>	<b>GETCC - INVALID GET STORAGE RECORD ID</b>
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## Explanation

An ECB-controlled program issued a GETCC monitor-request macro with an unknown record identifier (ID).

## System action

ALCS terminates the entry.

## User response

Check the record ID that the application specifies against the record IDs in the ALCS generation.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

<b>000413</b>	<b>GETCC - INVALID GET STORAGE RECORD SIZE</b>
---------------	--

## Explanation

An ECB-controlled program issued a GETCC monitor-request macro, but there is no storage block with a user size large enough to contain the size requested.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

<b>000414</b>	<b>INVALID GET STORAGE BLOCK TYPE</b>
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## Explanation

An ECB-controlled program issued an implied get storage monitor-request macro with an invalid storage block type code. Valid block type codes are L0 (value hexadecimal 11), L1 (value hexadecimal 21), and so on.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTM

---

<b>000415</b>	<b>NO AVAILABLE IOCBS</b>
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## Explanation

ALCS needs an I/O control block (IOCB). All except one of the IOCBs are in use (ALCS cannot dispense the last IOCB).

## System action

If there is an active entry, then ALCS terminates it and continues. If there is no active entry, then ALCS ends abnormally.

## Operator response

If ALCS goes catastrophic then activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Check the system error dump to see why the IOCBs are in use. The shortage of IOCBs can indicate, for example:

- The ALCS generation specified entry write limits that are too high. This can allow entries to request I/O faster than the I/O devices can respond.
- An I/O device is not working correctly, or requires too many error recovery retries.
- An exceptional amount or type of work requires extra IOCBs.
- The ALCS generation did not specify enough IOCBs.

## Module

DXCSTM

---

**000416 NO AVAILABLE STORAGE UNITS**

## Explanation

ALCS needs to create a new entry or an existing entry requires more storage. All except one of the storage units are in use (ALCS cannot dispense the last storage unit).

## System action

If there is an active entry, then ALCS terminates it and continues. If there is no active entry, then ALCS ends abnormally.

## Operator response

If ALCS goes catastrophic then activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Check the system error dump to see why the storage units are in use. The shortage of storage units can indicate, for example:

- The ALCS generation or command specified unsuitable activity control values. This can allow ALCS to start processing too many entries for the available number of storage units.
- An exceptional amount or type of work requires extra storage units.
- The ALCS generation did not specify enough storage units.

## Module

DXCGTC, DXCSTM

---

**000417 NO STORAGE FOR LIST SERVICE**

## Explanation

There is a deadlock. ALCS cannot complete processing for existing entries and it cannot start processing for new entries.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Examine the dump to find the cause of the high level of ECB activity. Unless it is caused by a programming error, consider allocating more storage.

## Module

DXCDSP

---

**000418 GET STORAGE ERROR - SU STORAGE CONTROL CORRUPTED**

## Explanation

During get storage processing ALCS detected corruption of fields it uses to manage storage for the entry. Most likely caused by the application working through data and stepping outside a storage block.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTM

---

**000419 SAVEC - INCORRECT USE OF MACRO**

## Explanation

An ECB-controlled program issued a SAVEC monitor-request macro, but the program does not use a local program work area.

## System action

ALCS terminates the entry.

## Programmer response

Specify LPW=YES on the BEGIN macro or do not issue SAVEC in this program.

## Module

DXCSTG

---

**000420 REHKA - BLOCK ALREADY ATTACHED**

## Explanation

An ECB-controlled program issued a REHKA monitor-request macro, but a storage block is already present on the ECB level specified by the LEVEL parameter.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

**000421 REHKA - FIXCEL DATA INVALID**

## Explanation

An ECB-controlled program issued a REHKA monitor-request macro, but the data contained in the 8-byte field specified by the FIXCEL parameter is invalid.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

**000422 REHKA - HOOK DATA LEVEL CORRUPTED**

## Explanation

An ECB-controlled program issued a REHKA monitor-request macro, but ALCS has found that control data is corrupted. This may be caused by one of the following:

- An application program illegally modifying ALCS control data.
- An ALCS internal logic error.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error. If the error is not caused by an application program, then ask your system programmer to inform your IBM programming support representative.

## Module

DXCSTG

---

**000423 REHKA - HOOK ECB CHAIN INVALID**

## Explanation

An ECB-controlled program issued a UNHKA monitor-request macro, but ALCS has found that control data is corrupted.

This may be caused by:

- An application program illegally modifying ALCS control data, or
- An ALCS internal logic error.

## System action

ALCS ends abnormally.

## Module

DXCSTG

---

**000424 REHKA - HOOK LEVEL COUNT INVALID**

## Explanation

An ECB-controlled program issued a UNHKA monitor-request macro, but ALCS has found that control data is corrupted.

This may be caused by:

- An application program illegally modifying ALCS control data, or

- An ALCS internal logic error.

### System action

ALCS ends abnormally.

### Module

DXCSTG

---

**000425**                    **REHKA - INVALID FIXCEL ADDRESS**

### Explanation

An ECB-controlled program issued a REHKA monitor-request macro, but the address of an 8-byte field specified by the FIXCEL parameter is invalid.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**000426**                    **REHKA - INVALID LEVEL**

### Explanation

An ECB-controlled program issued a REHKA monitor-request macro, but the storage level specified is invalid.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**000427**                    **REHKA - NO DATA AVAILABLE**

### Explanation

An ECB-controlled program issued a REHKA monitor-request macro, but the storage block specified by the FIXCEL parameter has never been unhooked by the UNHKA monitor-request macro.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**000428**                    **UNHKA - COUNT AND IN-USE INCONSISTENT**

### Explanation

An ECB-controlled program issued a UNHKA monitor-request macro, but ALCS has found that control data is corrupted.

This may be caused by:

- An application program illegally modifying ALCS control data, or
- An ALCS internal logic error.

### System action

ALCS ends abnormally.

### Module

DXCSTG

---

**000429**                    **UNHKA - INVALID FIXCEL ADDRESS**

### Explanation

An ECB-controlled program issued an UNHKA monitor-request macro, but the address of an 8-byte field specified by the FIXCEL parameter is invalid.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCSTG

---

**00042A**                    **UNHKA - INVALID LEVEL OR BLOCK**

## Explanation

An ECB-controlled program issued an UNHKA monitor-request macro, but either the storage level specified is invalid or the storage level contains invalid data.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

**00042B UNHKA - NO BLOCK ATTACHED**

## Explanation

An ECB-controlled program issued an UNHKA monitor-request macro, but there is no storage block on the ECB level specified by the LEVEL parameter.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSTG

---

**00043E KEYUC - GLOBLOAD - SYNCHRONIZABLE GLOBALS OVERLAP**

## Explanation

A KEYUC GLOBLOAD macro has been issued and the main storage address of the synchronizable global field overlaps the main storage address range of an entry already in the synchronization table.

## System action

ALCS ignores this FIELD\_SYNCH request so this global field is not synchronizable.

## System programmer response

Check that your global load definition programs do not contain global field synchronization requests for fields that overlap.

## Module

DXCKPM

---

**00043F KEYUC - GLOBLOAD - SYNCH TABLE FULL**

## Explanation

A KEYUC GLOBLOAD macro has been issued and is attempting to place an additional item in a monitor table which is already full.

## System action

ALCS terminates the entry.

## System programmer response

Inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

**000440 KEYUC - GLOBLOAD - KEYPOINTING ENABLED**

## Explanation

ALCS detected a serious error while loading the global area by means of KEYUC.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

**000441 KEYUC - NOT AUTHORIZED FOR GLOBLOAD**

## Explanation

A message originating from a terminal other than prime CRAS has caused a KEYUC GLOBLOAD macro.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

<b>000442</b>	<b>KEYUC - GLOBLOAD ADDRESS OR LENGTH INVALID</b>
---------------	---

## Explanation

A KEYUC GLOBLOAD macro has been asked to copy to the global area some data for which ALCS does not have read/write access.

## System programmer response

Check that your global load control programs assembled without error; if any errors were reported, correct them and reassemble the programs.

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

<b>000443</b>	<b>KEYUC - GLOBLOAD FILE ADDRESS INVALID</b>
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## Explanation

A KEYUC GLOBLOAD macro has been given an invalid file address for a record to be loaded into the global area.

## System programmer response

Check that your global load control programs assembled without error; if any errors were reported, correct them and reassemble the programs.

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

<b>000444</b>	<b>KEYUC - GLOBLOAD DIRECTORY NUMBER INVALID</b>
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## Explanation

A KEYUC GLOBLOAD macro has been given an invalid global area directory number for a record to be loaded into the global area.

## System programmer response

Check that your global load control programs assembled without error; if any errors were reported, correct them and reassemble the programs.

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

<b>000445</b>	<b>KEYUC - GLOBLOAD - KEYPOINT TABLE FULL</b>
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## Explanation

A KEYUC GLOBLOAD macro has been issued and is attempting to place an additional item in a monitor table which is already full.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

<b>000446</b>	<b>KEYUC - GLOBLOAD HEADER STRIP LEN INVALID</b>
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## Explanation

A KEYUC GLOBLOAD macro has been issued and the parameter list contains an invalid header strip length.

## System programmer response

Check that your global load control programs assembled without error; if any errors were reported, correct them and reassemble the programs.

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This function of KEYUC is not intended for application programs. If you have used it, replace the call; otherwise inform your system programmer.

## Module

DXCKPM

---

<b>000447</b>	<b>KEYUC - GLOBLOAD FILE ADDRESS ALREADY IN TABLE</b>
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## Explanation

The KEYUC macro has been issued and the file address of the keypointable global is already in the monitor table.

## System action

ALCS loads the global but it is not keypointable.

## System programmer response

Check that your global load control programs do not contain any duplicate fixed file types/ordinals for keypointable global records.

## Module

DXCKPT

---

<b>000448</b>	<b>KEYPOINT FAILURE - CTKB FILE ADDR INVALID</b>
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## Explanation

ALCS was unable to keypoint (write to DASD) the ALCS monitor keypoint record, CTKB.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCKPT

---

<b>000449</b>	<b>KEYPOINT FAILURE - FILE ADDRESS INVALID</b>
---------------	--

---

## Explanation

ALCS was unable to keypoint (write to DASD) a keypointable global record because the file address in the global area directory was invalid.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCKPT

---

<b>00044A</b>	<b>KEYPOINT FAILURE - RECORD ID MISMATCH</b>
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## Explanation

ALCS was unable to keypoint (write to DASD) a keypointable global record because the record ID of the record in the global area did not match the record ID of the record at the time ALCS loaded it from DASD.

This error indicates that an application program has corrupted the application global area.

## System action

ALCS will either end abnormally or produce a dump. Normally ALCS will terminate abnormally, however if installation-wide-exit USRGIDC is installed then ALCS may produce a dump. See *ALCS Installation and Customization* for an explanation of installation-wide-exit USRGIDC.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## Programmer response

Identify the program which corrupted the global area and correct it.

## Problem determination

You may be able to use the MVS SLIP command to help identify the offending program.

*ALCS Installation and Customization* discusses the use of SLIP with ALCS.

## Module

DXCKPT

---

**00044B            KEYPOINT FAILURE - EXIT  
                  REJECTED KEYPOINT**

## Explanation

Installation-wide-exit USRGUPD has detected that the contents of a global record is corrupt.

## System action

Either ALCS will terminate abnormally or will issue a dump. This depends on how the installation-wide-exit has been coded. See *ALCS Installation and Customization* for an explanation of installation-wide-exit USRGUPD.

## Programmer response

Identify the program which corrupted the global area and correct it.

## Module

DXCKPT

---

**000450            CSQLC - INVALID PARAMETER**

## Explanation

An ECB-controlled program issued an SQL request that specified an invalid parameter.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error. Or, if the error is in an IBM-supplied program, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSQL

---

**000451            CSQLC - DB2 NOT SUPPORTED**

## Explanation

An ECB-controlled program issued an SQL request, but this ALCS system does not support communication with DB2.

## System action

ALCS terminates the entry.

## Operator response

Activate an ALCS system that supports communication with DB2.

## User response

If you intend to run programs which issue SQL requests you must install DB2 on the same MVS image and generate ALCS with DB2 support. Otherwise, either do not run these programs, or remove any SQL statements from them.

## Module

DXCSQL

---

**000454 CSQLC - TERMINATION  
REQUESTED BY INST EXIT****Explanation**

An ECB-controlled program issued an SQL request, but the ALCS SQL installation-wide exit has determined that the entry should be terminated.

**System action**

ALCS terminates the entry.

**System programmer response**

If the application and/or end user is allowed to issue this SQL request then you must modify your ALCS SQL installation-wide exit routine accordingly.

**User response**

This may be an accidental or deliberate security violation. We advise you to investigate and take action to prevent any security violation.

**Module**

DXCSQL

---

**000455 CSQLC - SQL SUBTASK FOR THIS  
ENTRY ABENDED****Explanation**

An ECB-controlled program issued an SQL request, but the attached subtask that it was using has ended abnormally. ALCS automatically reattaches the subtask.

**System action**

ALCS terminates the entry.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCSQL

---

**000456 CSQLC - PROGRAM NOT FOUND****Explanation**

An ECB-controlled program issued an SQL request, but ALCS could not locate the active program name in the program control table.

**System action**

ALCS terminates the entry.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCSQL

---

**000457 CSQLC - PROGRAM NOT LOADED****Explanation**

An ECB-controlled program issued an SQL request, but ALCS found that the active program is not loaded.

**System action**

ALCS terminates the entry.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCSQL

---

**000458 CSQLC - NOT STATE CHANGE  
ENTRY****Explanation**

An ECB-controlled program issued a CSQLC RESTART monitor-request macro, but it was not the state change entry.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSQL

---

**000459 CSQLC - ERROR RETURN FROM DB2**

## Explanation

An ECB-controlled program issued an SQL request which resulted in an error return from DB2.

## System action

ALCS issues message DXC2907E (see “DXC2907E” on page 167) or DXC2909E (see “DXC2909E” on page 167) and then terminates the entry. These messages contain the return code and the reason code from DB2.

## User response

Respond to the return code and reason code from DB2.

## Module

DXCSQL

---

**00045A SQL SUBTASK ABEND**

## Explanation

One of the subtasks that ALCS attaches to process SQL requests ended abnormally.

## System action

ALCS terminates any entry that was using the subtask. ALCS automatically reattaches the subtask.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCSQL

---

**00045B DB2 CONNECTION SUBTASK ABEND**

## Explanation

The subtask that ALCS attaches to process DB2 connection and disconnection requests has ended abnormally.

## System action

ALCS terminates any entry that was using the subtask. ALCS automatically reattaches the subtask.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in an 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCSQL

---

**00045C CSQLC - SQL PARAMETER LIST NOT ACCESSIBLE**

## Explanation

An ECB-controlled program issued an SQL request that specified a parameter list in storage that the application program did not have write (store) access to.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSQL

---

**00045E CSQLC - SQL SUBTASK FOR THIS ENTRY UNAVAILABLE**

## Explanation

An ECB-controlled program was issuing SQL requests, but the subtask it was using cannot continue. Possible reasons are:

- DB2 has stopped

- The ALCS operator issued ZCSQL DISCONNECT, FORCE.

### System action

ALCS terminates the entry.

### User response

Examine the system log to determine why DB2 stopped.

### Module

DXCSQL

---

**000460                    ROUTC - NO END OF MESSAGE**

### Explanation

An ECB-controlled program issued a ROUTC monitor-request macro, but the message is not correctly terminated with an end-of-message character.

### System action

ALCS terminates the entry.

### Programmer response

Correct the programming error.

### Module

DXCCOMQ

---

**000461                    ROUTC - NO LINK AVAILABLE**

### Explanation

An ECB-controlled program issued a ROUTC monitor-request macro, but there is no communication path between this ALCS and the system that owns the destination resource.

### System action

ALCS detaches the message block from the ECB and returns control to the entry.

### Operator response

Check that the destination of the data is correct, and that the communication generation correctly specifies the paths between this ALCS system and any remote systems.

Start a communication link between the two systems.

### Module

DXCCOMQ

---

**000462                    ROUTC - INVALID DESTINATION IN RCPL**

### Explanation

An ECB-controlled program issued a ROUTC monitor-request macro, but the destination specified in the routing control parameter list does not exist in the communication tables.

### System action

ALCS terminates the entry.

### User response

Check that the destination of the data is correct, and that the communication generation correctly specifies all the communication resources.

### Programmer response

Correct the programming error.

### Module

DXCCOMQ

---

**000463                    ROUTC - INVALID ORIGIN IN RCPL**

### Explanation

An ECB-controlled program issued a ROUTC monitor-request macro, but the origin specified in the routing control parameter list does not exist in the communication tables.

### System action

ALCS terminates the entry.

### User response

Check that the origin of the data is correct and that the communication generation correctly specifies all the communication resources.

### Programmer response

Correct the programming error.

### Module

DXCCOMQ

---

**000464 ROUTC - INACTIVE DESTINATION  
IN RCPL****Explanation**

An ECB-controlled program issued a ROUTC monitor-request macro, but the destination specified in the routing control parameter list is marked as inactive in the communication tables.

**System action**

ALCS detaches the message block from the ECB and returns control to the entry.

**Operator response**

If the destination resource is owned by this system, start the resource. If the destination resource is owned by another system, start the link to the system that owns the resource.

**Problem determination**

Check that the destination of the data is correct.

**Module**

DXCCOMQ

---

**000465 ROUTC - PATH LOOP DETECTED****Explanation**

Both the origin and destination are controlled by this ALCS, but the message has been received from a link between two systems.

**System action**

ALCS terminates the entry.

**User response**

Check the routing definitions of all connected systems and correct any circular definitions. Check that the paths between all connected systems are correct.

**Module**

DXCCOMQ

---

**000466 ROUTC - COMMS LOGIC ERROR -  
DXCRIT CORRUPT****Explanation**

An error has occurred while trying to obtain the CRI of a resource owned by another system.

**System action**

ALCS terminates the entry.

**User response**

The communication table DXCRIT is corrupted. Examine any installation-wide exits to ensure that they do not corrupt the table. If it is not a user error, then ask your system programmer to inform your IBM programming support representative.

**Module**

DXCCOMQ

---

**000467 ROUTC - NO MATCH FOUND FOR  
OTHER-SYSTEM ID****Explanation**

A message has been received from another system, but the other-system identification (OSID) of the origin resource is not defined in this system's communication tables.

**System action**

ALCS terminates the entry.

**User response**

Check the communication generation in both systems and ensure that they are compatible.

**Module**

DXCCOMQ

---

**000468 ROUTC - NO CSID SPECIFIED FOR  
TERMINAL****Explanation**

An ECB-controlled program issued a ROUTC monitor-request macro, but the destination resource does not have an other-system terminal identifier defined for it.

**System action**

ALCS terminates the entry.

**User response**

Check the communication generation to ensure that the resource is correctly defined. The CSID parameter of the COMDEF generation macro defines the other-system terminal identifier. ALCS substitutes this value

for the CRI when it sends a message to another system.

## Module

DXCCOMQ

---

**000469 ROUTC - INVALID DESTINATION RESOURCE TYPE**

---

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro, but the destination resource type was invalid. The destination resource must be an ALCS supported non-WTTY terminal or an application. A ROUTC issued to a user device must be processed by a communication installation-wide exit.

## System action

ALCS terminates the entry.

## User response

Check the communication generation to ensure that the resource is correctly defined.

## Programmer response

Correct the programming error.

## Module

DXCCOMQ

---

**00046A ROUTC - RCPL AREA NOT ACCESSIBLE**

---

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro, but the routing control parameter list was in a storage area that the application program did not have write (store) access to.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOMQ

---

**00046B ROUTC - DESTINATION DOES NOT SUPPORT LARGE MESSAGES**

---

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro with a routing control parameter list indicating that the message is extended format, but the destination is neither an ALC terminal that connects to ALCS through TCP/IP, nor a TCP/IP connection.

## User response

Check that the destination of the data is correct, and that the communication generation correctly specifies all the communication resources.

## Module

DXCCOMQ

---

**00046C ROUTC - INVALID TRANSLATE CODE FOR PPMMSG**

---

## Explanation

ALCS received a message on a message router path. ALCS cannot convert the message from PPMMSG format because the translate code is invalid.

## System action

ALCS discards the message.

## User response

Check that the ALCS communication generation correctly defines the message router path, and that the path correctly connects the two host systems. General register 6 (RGE) points to the message block in PPMMSG format, before any required translation.

## Module

DXCCOMQ

---

**000470 MESSAGE TOO SHORT**

---

## Explanation

A program entered the ALCS ECB-controlled program CVIA to send a message, but the length specified for the message is too small for the message to contain any data that can be sent to the resource.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative

## Programmer response

If you have called CVIA, correct the program; otherwise inform your system programmer.

## Module

CVIA

---

**000471           INVALID CRI IN MESSAGE**

## Explanation

A program entered the ALCS ECB-controlled program CVIA to send a message, but the CRI in the message is not known to the system.

This system error could occur when the CRI in the message is the symbolic CRAS CRI for RO CRAS (000000) but there is no RO CRAS defined.

## System action

ALCS terminates the entry.

## User response

Check that the message is being sent to the correct resource, and that all resources are defined in the communication generation.

## Module

CVIA

---

**000472           DESTINATION NOT ACTIVE**

## Explanation

A program entered the ALCS ECB-controlled program CVIA to send a message; the CRI specified in the message is known to the system but it is not available for communication.

## System action

ALCS terminates the entry.

## User response

Check that:

- The message is being sent to the correct resource
- All resources are defined with the correct status in the communication generation

- All required communication resources are active.

## Module

CVIA

---

**000473           DESTINATION NOT PRINTER OR DISPLAY**

## Explanation

A program entered the ALCS ECB-controlled program CVIA to send a message, but the destination resource is not a printer or a display.

## System action

ALCS terminates the entry.

## User response

Check that the message is being sent to the correct resource, and that the resource is correctly defined in the communication generation.

## Module

CVIA

---

**000474           INVALID MESSAGE FORMAT**

## Explanation

A program entered the ALCS ECB-controlled program CVIA to send a message, but the last character in the message is not #EOM.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM supplied program inform your IBM programming support representative

## Programmer response

If you have called CV1A correct the program otherwise inform your IBM programming support representative

## Module

CVIA

---

**00047F           RCR FILE ERROR - CRN-*crn***

## Explanation

ALCS was unable to write (FILE error) a resource control record (RCR).

## System action

ALCS marks the resource as unusable in the communication table and terminates the entry, unless the calling program indicated that a return is always needed.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CQS1

---

**000480**      **RCR FACE ERROR - CRN-*crn***  
*optional\_extension*

## Explanation

ALCS was unable to calculate the file address (FACE error) while trying to read a resource control record (RCR).

*Optional\_extension:* - ROC SWITCHED (if trying to read the RCR for RO CRAS).

## System action

ALCS marks the resource as unusable in the communication table and terminates the entry, except if the calling program indicated that return is always needed.

## User response

Check that there are at least as many #CPRCR records defined in the DASD generation of ALCS as there are items in the communication table. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.)

## Module

CQS1

---

**000481**      **RCR FIND ERROR - CRN-*crn***  
*optional\_extension*

## Explanation

ALCS was unable to read (FIND error) a resource control record (RCR).

*Optional\_extension:* - ROC SWITCHED (if trying to read the RCR for RO CRAS).

## System action

ALCS marks the resource as unusable in the communication table and terminates the entry, except if the calling program indicated that return is always needed.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CQS1

---

**000482**      **RCR COMIC ERROR - CRI-*cri***

## Explanation

The CRI as passed by the calling program to retrieve the resource control record (RCR) cannot be found in the ALCS communication table.

## System action

ALCS terminates the entry, except if the calling program indicated that return is always needed.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## User response

Check the source of the CRI. If the program calling the ALCS function is user-written, correct it. If the error is in ALCS, inform your system programmer.

## Module

CPQI, CQS1

---

**000483**      **RCR RONIC ERROR - CRN-*crn***

## Explanation

There are no #CPRCR records defined in the system. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.)

## System action

ALCS terminates the entry, except if the calling program indicated that return is always needed.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CQS1

---

**000484 RCR ID CHECK ERROR - CRN-*crn***

## Explanation

When ALCS verified the status of the resource control record (RCR) it just retrieved, it encountered the wrong ID inside the record.

## System action

ALCS re-initializes the record according to the resource definition in the ALCS communication generation.

## User response

Check if the error was caused by:

- User corruption of the resource control record (RCR)
- Hardware problem.

If not, then ask your system programmer to inform your IBM programming support representative.

## Module

CQS1

---

**000485 CAN NOT UPDATE SHADOWING INDICATOR**

## Explanation

A ZACOM SHADOW command was issued, but the program CPQP was unable to set the communication table indicator, which indicates printer shadowing.

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CPQP

---

**000486 ERROR READING MESSAGE *type* [-CRN-*crn*]**

## Explanation

An error occurred reading a message record from a resource control record (RCR) queue. *Type* indicates which type of record as follows:

### FIQ

First (or only) block of the first message on the queue being processed.

### LIQ

First (or only) block of the last message on the queue being processed.

### NXB

Second or subsequent block of a message.

### LMT

A block of the last message transmitted.

The CRN is omitted if the dump header message DXC2021 (see “DXC2021E” on page 126) has already provided it.

## System action

ALCS reconstructs the queue. One or more messages (or parts of messages) will be lost.

## User response

Check if the error was caused by:

- User corruption of the resource control record (RCR)
- User corruption of the message record
- Hardware problem.

If not, then ask your system programmer to inform your IBM programming support representative.

## Module

CBQC, CBQS, CBQX, CBQZ, CLQP, CLQQ, CLQS, CLQX, CPQP, CPQQ, CPQS, CPQX, CQS2, CSQC, CUM2

---

**000487 INVALID DESTINATION IN RCPL**

## Explanation

A message to an LU 6.1 link is being returned to the originating application, but either the application no longer exists, or the routing control parameter list contains an invalid destination when the ROUTC macro is issued.

### System action

ALCS terminates the entry.

### User response

If the error was not caused by user programming then ask your system programmer to inform your IBM programming support representative.

### Module

CLQR, CLQS

---

**000488**                    **INVALID STATUS CODE VALUE**

### Explanation

A program entered the ALCS ECB-controlled program with incorrect entry conditions.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

CBQS, CLQC, CPQC, CPQS, CSQC, CQS7

---

**000489**                    **SEND - MESSAGE TOO SHORT**

### Explanation

The message contains no data to be transmitted.

### System action

ALCS ignores the message.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

CPQX

---

**00048A**                    **ACK RECEIVED FOR UNUSED RCR  
QUEUE ITEM**

### Explanation

The ALCS ECB-controlled program CSQC was called with incorrect entry conditions. The RCR queue item number does not refer to a message on queue.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

CSQC

---

**00048B**                    **INVALID LINE NUMBER**

### Explanation

The ALCS ECB-controlled program CSQC was called with incorrect entry conditions. The SLC line number contained in the ECB work area does not exist.

### System action

ALCS terminates the entry.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CSQC

---

<b>00048C</b>	<b>INVALID RCR QUEUE ITEM NUMBER</b>
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## Explanation

The ALCS ECB-controlled program CSQC was called with incorrect entry conditions. The resource control record (RCR) queue item number is out of range.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CSQC

---

<b>00048D</b>	<b>APPLICATION NAME NOT FOUND - CRN-<i>crn</i></b>
---------------	--

## Explanation

The printer acknowledgment is routed to an application that no longer exists. If ALCS receives any answerbacks from the printer and if they are to be processed by a user application, then ALCS tries to pass them to the application that is indicated in the message.

## System action

ALCS discards the acknowledgment to the application and continues processing normally.

## User response

Check the communication generation tables. If the application is still defined, ask your system

programmer to inform your IBM programming support representative.

## Module

CPQX

---

<b>00048E</b>	<b>CAN NOT UPDATE REDIRECTION INDICATOR</b>
---------------	---

## Explanation

A ZACOM REDIRECT command was issued, but the program CPQP was unable to set the communication table indicator, which indicates printer redirection.

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CPQP

---

<b>00048F</b>	<b>NOT VIRTUAL SLC LINK</b>
---------------	-----------------------------

## Explanation

An ECB-controlled program invoked BATAP via ENTRC. The symbolic line number provided by the calling program does not represent a virtual SLC link.

## System action

ALCS terminates the entry.

## User response

Check the ALCS communication generation and correct the program which issued this monitor-request macro. If the symbolic line number is correct, or the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

## Module

CBQS

---

<b>000490</b>	<b>INVALID CRI IN MESSAGE - CRI-<i>cri</i></b>
---------------	--

## Explanation

An ECB-controlled program issued a CRASC, SENDC L, SLMTC, or SENDC K monitor-request macro to send a message, or invoked BATAP via ENTRC. The CRI contained in the message does not exist. These monitor-request macros generate an ENTRC to an ECB-controlled monitor program as follows:

### CPQS

Message to a display or printer terminal that ALCS owns

### CBQS/CBQX

Message to a BATAP link (Type 2 X.25 permanent virtual circuit (PVC) or MATIP Type B TCP/IP resource).

## System action

One of:

### CPQS

ALCS terminates the entry

### CBQS/CBQX

ALCS terminates the entry, BATAP is unusable for this session.

## User response

Check the ALCS communication generation and correct the program which issued this monitor-request macro. If the CRI is correct or the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

### CBQS

Also terminate and re-establish the session after correcting the problem.

## Module

CBQS, CBQX, CPQS

---

<b>000491</b>	<b>INVALID MESSAGE LENGTH - CRN- crn</b>
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## Explanation

An ECB-controlled program issued a CRASC, SENDC L, SLMTC, SENDC K, or ROUTC monitor-request macro to send a message, or invoked BATAP via ENTRC. The message length is not within the limits as required by ALCS. These monitor-request macros generate an ENTRC to an ECB-controlled monitor program as follows:

### CPQS

Message to a display or printer terminal that ALCS owns

### CBQS

Message to a BATAP link (Type 2 X.25 permanent virtual circuit (PVC) or MATIP Type B TCP/IP resource).

### CLQS

Message to an LU 6.1 link

## System action

One of:

### CPQS

ALCS terminates the entry

### CBQS

ALCS discards the message and returns to the calling program

### CLQS

ALCS terminates the entry

## User response

Check the message length with *ALCS Application Programming Guide* and correct. If the message length is correct or the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

## Module

CBQS, CLQS, CPQS

---

<b>000492</b>	<b>NO EOM CHARACTER IN MESSAGE - CRN-crn</b>
---------------	--

## Explanation

An ECB-controlled program issued a CRASC, SENDC L, or SLMTC monitor-request macro to send a message to an ALCS printer or display terminal. The message did not have an end-of-message (EOM) character in the correct place at the end of the message. These monitor-request macros generate an ENTRC to an ECB-controlled monitor program CPQS.

## System action

ALCS terminates the entry.

## User response

Check the message format for the correct position of the EOM character. If the message format is correct or the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

## Module

CPQS

---

**000493**      **FORWARD CHAIN FIND ERROR -  
CRN-*crn***

### Explanation

An ECB-controlled program issued a SENDC L or ROUTC monitor-request macro to send a message. The CRI contained in the message does not exist. These monitor-request macros generate an ENTRC to an ECB-controlled monitor program as follows:

#### CPQS

Message to a display or printer terminal that ALCS owns

#### CLQS

Message to an LU 6.1 link.

### System action

ALCS terminates the entry.

### User response

Check the message is properly chained with the correct record ID. If the message chain is correct or the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

## Module

CLQS, CPQS

---

**000495**      **INVALID PRIORITY IN MESSAGE -  
CRN-*crn***

### Explanation

An ECB-controlled program issued a CRASC, SENDC L, or SLMTC monitor-request macro to send a message to an ALCS printer or display terminal. These monitor-request macros generate an ENTRC to an ECB-controlled monitor program CPQS. The message priority is incorrect. It should be priority 0 (SLMTC) or priority 1 - 16 (SENDC L, CRASC).

### System action

ALCS terminates the entry.

### User response

Check the message priority is correct. If the message priority is correct or the calling program is an ALCS

program, ask your system programmer to inform your IBM programming support representative.

## Module

CPQS

---

**000496**      **RESOURCE IS NOT A PRINTER -  
CRN-*crn***

### Explanation

An ECB-controlled program issued a SLMTC monitor-request macro to send a message to an ALCS printer. This monitor-request macro generates an ENTRC to an ECB-controlled monitor program CPQS. However, the resource CRI that was passed in the message is not defined in the ALCS communication generation as a printer.

### System action

ALCS terminates the entry.

### User response

Check the ALCS communication generation and correct the program which issued this monitor-request macro. If the CRI is a printer or the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

## Module

CPQS

---

**000497**      **APPLICATION NAME NOT FOUND -  
CRN-*crn***

### Explanation

An ECB-controlled program issued a SENDC L monitor-request macro to send a message to an ALCS printer or display terminal with the ACK=app1 parameter. This monitor-request macro generates an ENTRC to an ECB-controlled monitor program CPQS. The application in the ACK= parameter is not defined in the ALCS communication generation.

### System action

ALCS terminates the entry.

### User response

Check the ALCS communication generation and correct the program which issued this monitor-request macro. If the application does exist or the calling program is an ALCS program, ask your system

programmer to inform your IBM programming support representative.

## Module

CPQS

---

**000498**                    **APPLICATION NOT ACTIVE - CRN-  
crn**

## Explanation

An ECB-controlled program issued a SENDC L monitor-request macro to send a message to an ALCS printer or display terminal with the ACK=app1 parameter. This monitor-request macro generates an ENTRC to an ECB-controlled monitor program CPQS. The application in the ACK= parameter does exist in the ALCS communication generation, but it is not active.

## System action

ALCS terminates the entry.

## User response

Verify why the application is not active and correct. If the application is active or the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

## Module

CPQS

---

**000499**                    **PREVIOUS SLMTC OUTSTANDING**

## Explanation

An ECB-controlled program issued a SLMTC monitor-request macro to send a message to an ALCS printer. This monitor-request macro generates an ENTRC to an ECB-controlled monitor program CPQS. However, the previous SLMTC macro issued to this printer has not yet been completed or has timed out.

For ALC type printers, the next SLMTC macro cannot be executed before the previous SLMTC transmitted message is completed or timed out. For non- ALC type printers there is no time-out.

## System action

ALCS terminates the entry.

## User response

Correct the program which issued this monitor-request macro. If the previous SLMTC message was already completed or should have been timed out, or if the calling program is an ALCS program, ask your system programmer to inform your IBM programming support representative.

## Problem determination

For further information, see *ALCS Installation and Customization*.

---

**00049A**                    **INVALID LINE NUMBER IN  
MESSAGE**

## Explanation

An ECB-controlled program issued a SENDC K, TYPE=QUEUE monitor-request macro to send a Type B message on an SLC link. This monitor-request macro generates an ENTRC to the ECB-controlled program CSQS. The SLC link number contained in the message block does not exist.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

CSQS

---

**00049B**                    **SLC LINK NOT STARTED - CRN-  
crn**

## Explanation

An ECB-controlled program issued a SENDC K, TYPE=QUEUE monitor-request macro to send a Type B message on an SLC link. (This monitor-request macro generates an ENTRC to the ECB-controlled program CSQS). The SLC link number contained in the message block is known to the system, but it is not available for communication.

## System action

ALCS terminates the entry.

## Module

CSQS

---

**00049C**                    **EXITn NOT DEFINED**

## Explanation

The relevant resource control record (RCR) is not correctly initialized, where *n* is an integer between 1 and 5.

## System action

ALCS terminates the entry. BATAP is unusable.

## Operator response

Terminate the session, and try to re-establish it. If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CBQC, CBQS, CBQZ

---

<b>00049D</b>	<b>WTOPC --INVALID BUFFER ADDRESS SPECIFIED PROGRAM NAME PN-'name' DISPLACEMENT DSP-'nnnn'</b>
---------------	--

## Explanation

An ECB-controlled program issued a WTOPC monitor-request macro, but the address specified on the BUFFA parameter is not valid.

## System action

ALCS terminates the entry.

## Programmer response

If this error occurs in a user-written program then correct the program. Otherwise ask your system programmer to inform your IBM programming support representative.

## Module

CWTO

---

<b>00049E</b>	<b>WTOPC -- INVALID SUBSTITUTION ADDRESS SPECIFIED</b>
---------------	--

## Explanation

An ALCS monitor routine called WTOPC macro service to send a message, but the address of the storage area containing substitution data could not be accessed.

## System action

ALCS continues to build the message, but does not perform any substitution of the message variables.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCWTO

---

<b>00049F</b>	<b>WTOPC - DESTINATION INVALID OR OMITTED PROGRAM NAME PN-'name' DISPLACEMENT DSP-'nnnn'</b>
---------------	--

## Explanation

An ECB-controlled program issued a WTOPC monitor-request macro that includes message text, but the destination is not a valid CRI.

## System action

ALCS terminates the entry.

## Programmer response

Correct the program to provide a valid destination CRI.

## Module

CWTO

---

<b>0004A0</b>	<b>CMQIC - INVALID PARAMETER</b>
---------------	----------------------------------

## Explanation

An ECB-controlled program issued an MQI request that specified an invalid parameter.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error. Or, if the error is in an IBM-supplied program, ask your system programmer to inform your IBM programming support representative.

## Module

DXCMQI

---

**0004A1**      **CMQIC -- MQSERIES NOT SUPPORTED****Explanation**

An ECB-controlled program issued an MQI request, but this ALCS system does not support communication with MQSeries.

**System action**

ALCS terminates the entry.

**Operator response**

Activate an ALCS system that supports communication with MQSeries.

**User response**

If you intend to run programs which issue MQI requests you must install MQSeries on the same MVS image and generate ALCS with MQSeries support. Otherwise, do not run these programs, or remove any MQI statements from them.

**Module**

DXCMQI

---

**0004A3**      **CMQIC -- TERMINATION REQUESTED BY INST EXIT****Explanation**

An ECB-controlled program issued an MQI request, but the ALCS MQI installation-wide exit has determined that the entry should be terminated.

**System action**

ALCS terminates the entry.

**System programmer response**

If the application or end user is allowed to issue this MQI request then you must modify your ALCS MQI installation-wide exit routine accordingly.

**User response**

This may be an accidental or deliberate security violation. We advise you to investigate and take action to prevent any security violation.

**Module**

DXCMQI

---

**0004A4**      **CMQIC -- NOT STATE CHANGE ENTRY****Explanation**

An ECB-controlled program issued a CMQIC RESTART monitor-request macro, but it was not the state change entry.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

**Module**

DXCMQI

---

**0004A5**      **CMQIC -- CALL PARAMETER LIST NOT ACCESSIBLE****Explanation**

An ECB-controlled program issued an MQI request that specified a parameter list in storage that the application program did not have write (store) access to.

**System action**

ALCS terminates the entry.

**Programmer response**

Correct the programming error.

**Module**

DXCMQI

---

**0004A6**      **CMQIC -- NO IOCB AVAILABLE****Explanation**

An ECB-controlled program issued an MQI request, but ALCS needs an I/O control block (IOCB) to process the request. All except one of the IOCBs are in use (ALCS cannot ispend the last IOCB).

## System action

ALCS terminates the entry.

## Operator response

If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Check the system error dump to see why the IOCBs are in use. The shortage of IOCBs can indicate, for example:

## System programmer response

Check the system error dump to see why the IOCBs are in use. The shortage of IOCBs can indicate, for example:

- The ALCS generation specified entry write limits that are too high. This can allow entries to request I/O faster than the I/O devices can respond.
- An I/O device is not working correctly, or requires too many error recovery retries.
- An exceptional amount or type of work requires extra IOCBs.
- The ALCS generation did not specify enough IOCBs.

## Module

DXCMQI

---

**0004A7**      **CMQIC -- MQM SUBTASK HAS ABENDED**

## Explanation

An ECB-controlled program issued an MQI request, but the attached subtask that it was using has ended abnormally.

## System action

ALCS terminates the entry. ALCS attaches a new subtask for MQI requests when it processes the next MQI request or ZCMQI command.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCMQI

---

**0004A8**

**MQM SUBTASK ABEND**

## Explanation

The subtask that ALCS attaches in order to process MQI requests ended abnormally.

## System action

ALCS terminates any entry that was using the subtask, and disconnects from the MQSeries queue manager. ALCS attaches a new subtask for MQI requests when it processes the next MQI request or ZCMQI command.

## Operator response

Use the ZCMQI command to connect ALCS to the MQSeries queue manager again.

## Problem determination

At the time of the system error dump, general register 14 (RDA) contains the abend completion code. *MVS System Codes* lists abend completion codes. General register 15 (RDB) contains the address of a 72-byte area of storage containing the PSW and general registers 0 through 15 (RAC to RDB) for the time of the abend.

## Module

DXCMQI

---

**0004A9**      **MQM -- INVALID APPLICATION IN TRIGGER MESSAGE**

## Explanation

A trigger message arrived on the MQSeries queue manager initiation queue, but the application name in the trigger message application identifier field is not defined in the ALCS communication generation.

## System action

ALCS discards the trigger message and waits for another.

## System programmer response

Check that the initiation queue is defined correctly in MQSeries, and that it is consistent with the ALCS system generation and the ALCS communication generation.

## Module

DXCMQI

---

**0004B0**      **F.A. LOGIC ERROR -- NO F.A. FOR INDEX****Explanation**

There is an internal logic error in an ALCS routine.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated incident, follow your normal procedure for a non-urgent problem. If this happens repeatedly, inform your system programmer.

**User response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCFFA

---

**0004B1**      **NOT ENOUGH STORAGE FOR F.A. CONVERSION TABLE****Explanation**

An ECB-controlled program, or the ALCS monitor, attempted to use a file address for which ALCS needs conversion tables. ALCS was unable to allocate memory for the tables.

**System action**

ALCS treats the file address as invalid. The record cannot be accessed. Note that this system error does not generate a system error dump.

**System programmer response**

Check if your installation limits the maximum size of a dataspace through the system management facility (SMF) installation-wide exit IEFUSI. If it does then this error indicates that the limit is too restrictive for your ALCS requirements. ALCS must be able to obtain a dataspace of at least  $4*n$  bytes, where  $n$  is the total number of fixed-file and short-term pool file records in your ALCS database, plus an allowance for system fixed file records and for expansion.

If it does not, then this problem should not occur - inform your IBM programming support representative.

**Module**

DXCFFA

---

**0004B2**      **F.A. LOGIC ERROR -- INVALID VFA RETURN****Explanation**

There is an internal logic error in an ALCS routine.

**System action**

ALCS ends abnormally

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

**User response**

If this error occurs, ask your system programmer to inform your IBM programming support representative.

**Module**

DXCFFA, DXCFFC

---

**0004B3**      **F.A. TABLE CORRUPTION -- INVALID *table* F.A.****Explanation**

There is an internal logic error in an ALCS routine. *table* is DIRECTORY or INDEX.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated incident, follow your normal procedure for a non-urgent problem. If this happens repeatedly, inform your system programmer.

**User response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCFFA, DXCFFB

---

**0004B4**      **F.A. LOGIC ERROR -- INVALID INDEX F.A.**

**Explanation**

There is an internal logic error in an ALCS routine.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated incident, follow your normal procedure for a non-urgent problem. If this happens repeatedly, inform your system programmer.

**User response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCFFA, DXCFFC

---

**0004B5**      **F.A. LOGIC ERROR -- INVALID POOL RECORD SIZE**

**Explanation**

There is an internal logic error in an ALCS routine.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated incident, follow your normal procedure for a non-urgent problem. If this happens repeatedly, inform your system programmer.

**User response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCFFA, DXCFFC

---

**0004B6**      **NOT ENOUGH POOL FOR F.A. CONVERSION**

**Explanation**

An ECB-controlled program, or the ALCS monitor, attempted to use a file address for which ALCS needs conversion tables. ALCS was unable to allocate pool records for the tables.

**System action**

ALCS treats the file address as invalid. The record cannot be accessed. This system error does not generate a system error dump.

**Operator response**

Run Recoup

**System programmer response**

Check the ALCS DASD generation to ensure that the allocation for this pool type is adequate. If it is not, then run a new ALCS DASD generation to increase the allocation.

**Module**

DXCFFA, DXCFFB

---

**0004B7**      **NOT ENOUGH POOL FOR RECORD ALLOCATION**

**Explanation**

An ECB-controlled program, or the ALCS monitor, attempted to access a newly-created fixed-file, short-term pool file, or system fixed-file record for the first time. ALCS was unable to allocate a pool record for this purpose.

**System action**

ALCS treats the file address as invalid. The record cannot be accessed. This system error does not generate a system error dump.

**Operator response**

Run Recoup

**System programmer response**

Check the ALCS DASD generation to ensure that the allocation for this pool type is adequate. If it is not, then run a new ALCS DASD generation to increase the allocation.

**Module**

DXCFFA

---

**0004B8**      **DXCFFB LOGIC ERROR - reason****Explanation**

There is an internal logic error in an ALCS routine.

**System action**

Depends on the reason:

**RECORD DELETION**

ALCS ends abnormally.

**TABLE BUILD**

The build process terminates.

**RELOCATE**

The relocate process terminates.

**System programmer response**

This error is an indication that the fixed file tables are corrupted. If it occurs, please inform your IBM programming support representative.

**Module**

DXCFFB

---

**0004B9**      **F.A. TABLE CORRUPTION -  
INVALID IDENTIFIER****Explanation**

The memory copy of a File Address Table record is corrupted.

**System action**

ALCS marks the record as 'not loaded', and continues. If the record is subsequently addressed, it is reloaded from DASD.

**Operator response**

No immediate action is required, but this problem should not occur. Inform your IBM programming representative.

**Module**

DXCFFA

---

**0004C0**      **CONFIG DATA SET RETRIEVAL  
ERROR****Explanation**

An error has occurred in keypointing the status following a ZDASD COMMIT or a ZDASD BACKOUT.

**System action**

ALCS continues processing but it is no longer possible to perform a ZDASD LOAD.

**System programmer response**

Restore a configuration data set and retry the command. If the error occurs again contact your IBM support representative.

**Module**

DXCINTT

---

**0004C1**      **INVALID RETURN FROM  
CDFDELET****Explanation**

An error has occurred in deleting fixed file or short term pool records following a ZDASD COMMIT or a ZDASD BACKOUT.

**System action**

ALCS ends abnormally.

**Operator response**

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated incident, follow your normal procedure for a non-urgent problem. If this happens repeatedly, inform your system programmer.

**Module**

DXCINTT

---

**0004C2**      **ATTENTION - INVALID DASD  
UPDATE IGNORED****Explanation**

An invalid item was discovered in a DASD configuration load module and it was ignored.

**System action**

The ZDASD LOAD completes but without the invalid item.

**Operator response**

Contact your system programmer.

**Module**

DXCINTT

---

**0004D6 MQ BRIDGE - NO MATCH FOR TRIGGER MESSAGE**

---

**Explanation**

The ALCS MQ bridge facility has received a trigger message, but the queue name in the trigger message does not match the input queue defined for any MQ communication resource.

**System action**

ALCS discards the trigger message.

**System programmer response**

Check that the MQ resources are correctly specified in the ALCS communication generation. The input queue name is defined on the INQNAME parameter for COMDEF LDTYPE=MQ. Check that the queue and process objects are correctly specified in MQSeries.

**Module**

DXCMQB

---

**0004D9 MQ BRIDGE - INVALID CRI FOR MESSAGE or WAS BRIDGE - INVALID CRI FOR MESSAGE**

---

**Explanation**

The MQ Bridge or WAS Bridge was invoked for an output message, but the destination is not a terminal connected through MQ Bridge or WAS Bridge.

**System action**

ALCS discards the output message.

**System programmer response**

This error should not occur. If it does, inform your IBM programming support representative.

**Module**

DXCMQB/DXCWSB

---

**0004DA MQ BRIDGE - INACTIVE CRI FOR MESSAGE or WAS BRIDGE - INACTIVE CRI FOR MESSAGE**

---

**Explanation**

The MQ Bridge or WAS Bridge was invoked for an output message, but the destination terminal is not active.

**System action**

ALCS discards the output message.

**System programmer response**

This error should not occur. If it does, inform your IBM programming support representative.

**Module**

DXCMQB/DXCWSB

---

**0004DB MQ BRIDGE - INVALID MQ QUEUE RESOURCE or WAS BRIDGE - INVALID WAS RESOURCE**

---

**Explanation**

The MQ Bridge or WAS Bridge was invoked for an output message, but the destination terminal does not have any owning MQ resource or owning WAS resource.

**System action**

ALCS discards the output message.

**System programmer response**

This error should not occur. If it does, inform your IBM programming support representative.

**Module**

DXCMQB/DXCWSB

---

**0004DC MQ BRIDGE - INACTIVE MQ QUEUE RESOURCE or WAS BRIDGE - INACTIVE WAS RESOURCE**

---

**Explanation**

The MQ Bridge or WAS Bridge was invoked for an output message but the destination terminal has an inactive owning MQ or WAS resource.

**System action**

ALCS discards the output message.

**System programmer response**

This error should not occur. If it does, inform your IBM programming support representative.

## Module

DXCMQB/DXCWSB

---

**0004DD**      **MQ BRIDGE - NO IOCBS  
AVAILABLE FOR MQPUT1 or WAS  
BRIDGE - NO IOCBS AVAILABLE  
FOR SEND**

## Explanation

An ECB-controlled program issued a ROUTC or SEND-type monitor-request macro to send a message to an MQ or WAS destination, but ALCS does not have enough resources to process the message.

## System action

ALCS terminates the entry.

## System programmer response

Increase the total number of I/O control blocks (IOCBs) in the ALCS system. (See the description of the SCTGEN macro NBRIOB parameter in *ALCS Installation and Customization*.)

## Module

DXCMQB/DXCWSB

---

**0004DE**      **WAS BRIDGE - WAS APPLICATION  
INITIALIZATION FAILED**

## Explanation

During activation of a protocol type 2 WAS Bridge the ECB-controlled exit AWA1 terminated abnormally.

## System action

ALCS does not activate the WAS Bridge.

## System programmer response

Investigate the AWA1 system error, Correct and reload AWA1. Activate the WAS Bridge.

## Module

DXCWSB

---

**0004E0**      **SOCKC - INVALID PARAMETER**

## Explanation

An ECB-controlled program issued a TCP/IP sockets request that specified an invalid parameter.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error. Or, if the error is in an IBM-supplied program, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSOCK, DXCSOCL, DXCSOCM

---

**0004E1**      **SOCKC - TCPIP NOT SUPPORTED**

## Explanation

An ECB-controlled program issued a TCP/IP sockets request, but this ALCS system does not support communication with TCP/IP.

## System action

ALCS terminates the entry.

## Operator response

Activate an ALCS system that supports communication with TCP/IP.

## User response

If you intend to run programs that issue TCP/IP sockets requests, you must install TCP/IP on the same MVS image and generate ALCS with TCP/IP support. Otherwise, either do not run these programs or remove any TCP/IP sockets statements from them.

## Module

DXCSOCM

---

**0004E2**      **SOCKC - TCPIP NOT CONNECTED**

## Explanation

An ECB-controlled program issued a TCP/IP sockets request, but this ALCS system is not currently connected to TCP/IP.

## System action

ALCS terminates the entry.

## User response

If you intend to run programs that issue TCP/IP sockets requests, you must connect ALCS to TCP/IP first. Use the ALCS system generation parameters or the ZCTCP command to do this.

## Module

DXCSOCM

---

<b>0004E3</b>	<b>SOCKC - NOT AUTHORIZED BY INST EXIT</b>
---------------	--

## Explanation

An ECB-controlled program issued a TCP/IP sockets request, but the ALCS TCP/IP installation-wide exit has determined that the entry is not authorized.

## System action

ALCS terminates the entry.

## System programmer response

If the application and/or end user is allowed to issue this TCP/IP sockets request, you must modify your ALCS TCP/IP installation-wide exit routine accordingly.

## User response

This may be an accidental or deliberate security violation. IBM recommends that you investigate and take action to prevent any security violation.

## Module

DXCSOCM

---

<b>0004E4</b>	<b>SOCKC - TERMINATION REQUESTED BY INST EXIT</b>
---------------	---

## Explanation

An ECB-controlled program issued a TCP/IP sockets request, but the ALCS TCP/IP installation-wide exit has determined that the entry should be terminated.

## System action

ALCS terminates the entry.

## System programmer response

If the application and/or end user is allowed to issue this TCP/IP sockets request, you must modify your ALCS TCP/IP installation-wide exit routine accordingly.

## User response

This may be an accidental or deliberate security violation. IBM recommends that you investigate and take action to prevent any security violation.

## Module

DXCSOCM

---

<b>0004E5</b>	<b>SOCKC - SOCKETS SUBTASK FOR THIS ENTRY ABENDED</b>
---------------	---

## Explanation

An ECB-controlled program issued a TCP/IP sockets request, but the attached subtask that it was using has ended abnormally.

## System action

ALCS terminates the entry. ALCS automatically reattaches the subtask.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

DXCSOCM

---

<b>0004E6</b>	<b>SOCKC - SOCKETS PARAMETER LIST NOT ACCESSIBLE</b>
---------------	--

## Explanation

An ECB-controlled program issued a TCP/IP sockets request that specified a parameter list in storage that the application program did not have write (store) access to.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSOCM

---

<b>0004E7</b>	<b>SOCKC - SOCKETS CALL IS NOT ALLOWED</b>
---------------	--

## Explanation

An ECB-controlled program issued a TCP/IP sockets request, but ALCS does not allow user-written programs to issue the following TCP/IP sockets requests:

GIVESOCKET  
TAKESOCKET

## System action

ALCS terminates the entry.

## Programmer response

This TCP/IP sockets call is not appropriate for a client or iterative server application. If you are designing a server application, you can use the ALCS TCP/IP concurrent server (ALCS Listener) to wait for connection requests to arrive on a port.

## Module

DXCSOCM

---

<b>0004E8</b>	<b>SOCKC - NOT STATE CHANGE ENTRY</b>
---------------	---------------------------------------

## Explanation

An ECB-controlled program issued a SOCKC RESTART monitor-request macro, but it was not the state change entry.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSOCM

---

<b>0004E9</b>	<b>ASCIC - INVALID PARAMETER</b>
---------------	----------------------------------

## Explanation

An ECB-controlled program issued an ASCIC monitor-request macro with an invalid parameter.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCSOCM

---

<b>0004EA</b>	<b>SOCKETS SUBTASK ABEND</b>
---------------	------------------------------

## Explanation

One of the subtasks that ALCS attaches to process TCP/IP sockets requests has ended abnormally.

## System action

ALCS terminates any entry that was using the subtask. ALCS automatically reattaches the subtask.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in a 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCSOCK

---

<b>0004EB</b>	<b>LISTENER START/STOP SUBTASK ABEND</b>
---------------	--

## Explanation

The subtask that ALCS attaches to process TCP/IP concurrent server start and stop requests has ended abnormally.

## System action

ALCS automatically reattaches the subtask.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in a 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCSOCK

---

**0004EC CHILD SERVER SUBTASK ABEND**

## Explanation

One of the subtasks that ALCS attaches to process TCP/IP child server sockets requests has ended abnormally.

## System action

ALCS terminates any entry that was using the subtask. ALCS automatically reattaches the subtask.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in a 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCSOCK

---

**0004ED TCPIP CONNECTION SUBTASK ABEND**

## Explanation

The subtask that ALCS attaches to process TCP/IP connection and disconnection requests ended abnormally.

## System action

ALCS automatically reattaches the subtask.

## Problem determination

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend codes. General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in a 8-byte field at displacement X'28' into this storage area. The general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

## Module

DXCSOCK

---

**0004F1 ROUTC - DESTINATION IS NOT TCPIP RESOURCE**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to a TCP/IP resource, but ALCS found that the resource type was not valid.

## System action

ALCS terminates the entry.

## Programmer response

This error should not occur. If it does, ask your system programmer to inform your IBM programming representative.

## Module

DXCSOCK

---

**0004F2 ROUTC - NOT ALLOWED TO TCPIP BASE SERVER**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to a TCP/IP resource, but the destination resource was neither a client connection nor a dynamic server connection.

## System action

ALCS terminates the entry.

## Programmer response

Use the COMIC monitor-request macro to determine if the destination TCP/IP resource is a client or dynamic server connection.

## Module

DXCS0C0

---

**0004F3                    ROUTC - TCPIP NOT SUPPORTED**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to a TCP/IP resource, but this ALCS system does not support TCP/IP communication.

## System action

ALCS terminates the entry.

## User response

If you intend to run programs which communicate with TCP/IP resources, you must install z/OS Communications Server IP on the same MVS image and generate ALCS with TCP/IP support.

## Module

DXCS0C0

---

**0004F4                    ROUTC - TCPIP NOT CONNECTED**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to a TCP/IP resource, but there is no connection between ALCS and a TCP/IP address space.

## System action

ALCS terminates the entry.

## Operator response

Use the ZCTCP command to establish a connection between ALCS and a TCP/IP address space.

## Module

DXCS0C0

---

**0004F5                    ROUTC - NO IOCB AVAILABLE FOR TCPIP**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to a TCP/IP resource, but ALCS does not have enough resources to process the message.

## System action

ALCS terminates the entry.

## System programmer response

Increase the total number of I/O control blocks (IOCBs) in the ALCS system. (See the description of the SCTGEN macro NBRIOB parameter in *ALCS Installation and Customization*.)

## Module

DXCS0C0

---

**0004F6                    ROUTC - TCPIP SOCKETS CALL ERROR**

## Explanation

An ECB-controlled program issued a ROUTC monitor-request macro to send a message to a TCP/IP resource, but an error occurred when ALCS issued a TCP/IP SEND sockets call.

## System action

ALCS terminates the entry.

## Problem determination

At the time of the system error dump, general registers 14 and 15 (RDA and RDB) contain the TCP/IP return code and error number. See *Communications Server IP API Guide* for an explanation of the return code and error number.

## Module

DXCS0C0

---

**0004F7 TCP/IP COMMUNICATION  
SUBTASK ABEND****Explanation**

The subtask that ALCS attaches in order to process TCP/IP communication resources ended abnormally.

**System action**

ALCS terminates any entry that was using the subtask, and stops the TCP/IP communication resource associated with the subtask. ALCS attaches a new subtask when the TCP/IP communication resource is started again.

**Operator response**

Use the ZACOM command to start the TCP/IP communication resource again.

**Problem determination**

At the time of the system error dump, general register 14 contains the abend completion code. *MVS System Codes* lists abend completion codes.

General register 1 points to a storage area containing the PSW and general registers at the time of the error. The PSW is in a 8-byte field at displacement X'28' into this storage area.

Bits 32-63 of each of the general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'30' into this storage area.

Bits 0-31 of each of the general registers, starting with general register 0, are in 16 consecutive fullwords at displacement X'70' into this storage area.

**Module**

DXCS0C0

---

**0004F8 UNABLE TO ADD DYNAMIC  
SERVER****Explanation**

A new client attempted to connect to a TCP/IP server connection but ALCS was unable to dynamically create a new communication table entry for this client.

**System action**

ALCS waits for another connection request.

**User response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCS0C0

---

**0004F9 UNABLE TO DELETE DYNAMIC  
SERVER****Explanation**

ALCS was unable to dynamically delete a communication table entry.

**System action**

ALCS continues normally.

**User response**

If this error occurs, inform your IBM programming support representative.

**Module**

DXCS0C0

---

**000600 STVCC - INVALID ACTION VALUE****Explanation**

An ECB-controlled program issued an STVCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

**System action**

ALCS terminates the entry.

**System programmer response**

If the error is in an IBM-supplied program, inform your IBM programming support representative.

**Programmer response**

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

**Module**

DXCSTV

---

**000601 STVCC - INVALID INIT ACTION  
VALUE**

## Explanation

An ECB-controlled program issued an STVCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSTV

---

<b>000602</b>	<b>STVCC - INVALID WRITE ACTION CODE</b>
---------------	--

## Explanation

An ECB-controlled program issued an STVCC monitor-request macro, but the parameter bytes following the monitor-request macro linkage instructions were not valid.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSTV

---

<b>000603</b>	<b>STVCC - INVALID LEVEL SPECIFIED</b>
---------------	--

## Explanation

An ECB-controlled program issued an STVCC monitor-request macro that specified a storage level or data level. The level reference was invalid. Valid level references are D0 (value 0), D1 (value 8), and so on up to DF (value decimal 120).

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSTV

---

<b>000604</b>	<b>STVCC - NO BLOCK ATTACHED</b>
---------------	----------------------------------

## Explanation

An ECB-controlled program issued an STVCC monitor-request macro with no block attached at the specified level.

## System action

ALCS terminates the entry.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This macro is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

DXCSTV

---

<b>000605</b>	<b>I/O ERROR ON TUT FILE</b>
---------------	------------------------------

### Explanation

An I/O error other than a short length record occurred on the TUT file.

### System action

ALCS cancels the test; it does not process any more messages from the TUT.

### User response

If the input data set was a TUT and if STC did not report any errors, then ask your system programmer to inform your IBM programming support representative.

### Problem determination

Check that the input data set was a TUT that STC created. Check and correct any errors that STC reported.

### Module

CSV1

---

<b>000606</b>	<b>FIRST TUT FILE RECORD NOT RUNID</b>
---------------	--

### Explanation

The first record read from a TUT file was not a RUNID record.

### System action

ALCS cancels the test; it does not process any messages from the TUT.

### User response

If the input data set was a TUT and if STC did not report any errors, then ask your system programmer to inform your IBM programming support representative.

### Problem determination

Check that the input data set was a TUT that STC created. Check and correct any errors that STC reported.

### Module

CSV1

---

<b>000607</b>	<b>LOGIC ERROR</b>
---------------	--------------------

### Explanation

There is an internal logic error in an ALCS routine.

### System action

ALCS terminates the entry.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

CSV1

---

<b>000CC0</b>	<b>EDCXSTRL NOT LINKED - MODULE UNUSABLE</b>
---------------	--

### Explanation

A load module containing programs written in the C language has been linked incorrectly.

### System action

ALCS terminates the entry.

### Programmer response

Relink the module and check that the required library modules have been included.

### Module

DXCBHLL

---

<b>000CC1</b>	<b>OPEN FOR STDIN FAILED - <i>text</i></b>
---------------	--

### Explanation

ALCS was unable to open a memory file for the input message. *text* is additional explanatory message text (if available) from the C runtime environment.

### System action

ALCS terminates the entry.

### System programmer response

Check that you have defined a sufficiently large default storage limit and a suitable storage unit size.

### Programmer response

Check that a valid input message was passed to the program on ECB level 0.

## Module

DXCBSTDI

---

**000CC2**                    **FWRITE TO STDIN FAILED - *text***

## Explanation

ALCS was unable to write the input message into a memory file. *text* is additional explanatory message text (if available) from the C runtime environment.

## System action

ALCS terminates the entry.

## System programmer response

Check that you have defined a sufficiently large default storage limit and a suitable storage unit size.

## Programmer response

Check that a valid input message was passed to the program on ECB level 0.

## Module

DXCBSTDI

---

**000CC3**                    **FREOPEN FOR STDIN FAILED - *text***

## Explanation

ALCS was unable to reopen the memory file containing the input message for input. *text* is additional explanatory message text (if available) from the C runtime environment.

## System action

ALCS terminates the entry.

## System programmer response

Check that you have defined a sufficiently large default storage limit and a suitable storage unit size.

## Programmer response

Check that a valid input message was passed to the program on ECB level 0.

## Module

DXCBSTDI

---

**000CC4**                    **OPEN FOR STDOUT FAILED - *text***

## Explanation

ALCS was unable to open a memory file for output message text. *text* is additional explanatory message text (if available) from the C runtime environment.

## System action

ALCS terminates the entry.

## System programmer response

Check that you have defined a sufficiently large default storage limit and a suitable storage unit size.

## Module

DXCBSTD0

---

**000CC5**                    **FSEEK FOR STDOUT FAILED - *text***

## Explanation

ALCS was unable to seek to the start of the output message text file before outputting the message text using the ALCS scrolling package. *text* is additional explanatory message text (if available) from the C runtime environment.

## System action

ALCS terminates the entry.

## System programmer response

Check that you have defined a sufficiently large default storage limit and a suitable storage unit size.

## Module

DXCBSTD0

---

**000CC6**                    ***reason***

## Explanation

A C language application called the IPRSE\_parse function with one of the following errors (*reason*) in the grammar:

**AN UPPERCASE LETTER CANNOT FOLLOW A  
LOWER CASE LETTER  
GRAMMAR TOO LARGE  
ILLEGAL CHARACTER FOLLOWING WILDCARD  
ILLEGAL CHARACTER FOLLOWING  
PARENTHESIS  
ILLEGAL KEYWORD DELIMITER IN THE  
GRAMMAR  
ILLEGAL USE OF TOKEN IN LIST PARAMETER**

**ILLEGAL WILDCARD CHARACTER IN LIST**  
**INVALID CHARACTER IN GRAMMAR**  
**TOO MANY CHARACTERS IN MANDATORY**  
**PARAMETER LIST**  
**UNEVEN BALANCE OF LEFT BRACES IN THE**  
**GRAMMAR**  
**UNEVEN BALANCE OF LEFT BRACKETS IN THE**  
**GRAMMAR**  
**UNMATCHED PARENTHESIS IN GRAMMAR**  
**A PLUS MUST BE FOLLOWED BY A PLUS OR A**  
**TOKEN DELIMITER**  
**A POSITIONAL PARAMETER WAS FOUND AFTER**  
**A KEYWORD PARAMETER**

Or, there was an error on the IPRSE\_parse call:

**INVALID OPTION VALUE PASSED TO PARSER**  
**EOM CODED AND NO EOM IN STRING**

### System action

ALCS terminates the entry.

### Programmer response

Correct the grammar or the call to IPRSE\_parse.

### Module

DXCBPRSE

---

**000CC7                   HEAP STORAGE EXHAUSTED**

### Explanation

The parser is unable to allocate sufficient heap storage to complete its processing.

### System action

ALCS terminates the entry.

### System programmer response

Determine why the ECB heap storage was depleted.

### Module

DXCBPRSE

---

**000CC8                   INVALID FUNCTION CODE - CODE**  
**IN R02**

### Explanation

While debugging an ECB-controlled C program, the ALCS Debug Tool system services adapter received a request from Debug Tool with an invalid function code.

### System action

ALCS ignores the request and continues normally.

### System programmer response

If this error occurs, inform your IBM programming support representative.

### Module

DXC100SM

---

**000CC9                   UNSUPPORTED FUNCTION - CODE**  
**IN R02**

### Explanation

While debugging an ECB-controlled C program, the ALCS Debug Tool system services adapter received a request from Debug Tool with a function code that the adapter does not support.

### System action

ALCS ignores the request and continues normally.

### System programmer response

If this error occurs, inform your IBM programming support representative.

### Module

DXC100SM

---

**000CCC                   C RUNTIME ABEND/REASON**  
**CODES IN R03/R04**

### Explanation

An abend condition occurred while running an ECB-controlled C program. This abend may be generated by the C system programming environment, the LE library environment, or MVS. This error can occur if your program requests an excessive amount of memory during initialization or if there is a shortage of memory for stack storage during execution.

### System action

ALCS terminates the entry.

### System programmer response

Check that a suitable storage unit size has been defined. Also check that the LE runtime library is available to ALCS in the runtime JCL as STEPLIB or DXCHLIB.

## Problem determination

Depending on the environment generating the abend, see:

1. *C/C++ Programming Guide*
2. *Language Environment Debugging Guide and Run-Time Messages*
3. *MVS System Codes*

for a description of the abend code, and (1) or (2) for the reason code.

Check also the MVS console.

## Module

DXCBHLL

---

**000CD0 CEEPIPI COULD NOT BE LOADED**

## Explanation

ALCS was unable to load the CEEPIPI module.

## System action

ALCS terminates the entry.

## System programmer response

Ensure that the LE runtime library is specified in DXCHLIB or STEPLIB in the ALCS runtime JCL.

## Module

DXCBHLLLE

---

**000CD1 CEEPIPI TERMINATE FAILED**

## Explanation

ALCS was unable to terminate the high level language environment.

## System action

ALCS terminates the entry.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCBHLLLE

---

**000CD2 CEEPIPI CALLMAIN FAILED**

## Explanation

ALCS was unable to execute the high level language environment.

## System action

ALCS terminates the entry.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCBHLLLE

---

**000CD3 CEEPIPI ADDENTRY FAILED**

## Explanation

ALCS was unable to add DXCBHLLF to the PIPi table.

## System action

ALCS terminates the entry.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCBHLLLE

---

**000CD4 CEEPIPI INITMAIN FAILED**

## Explanation

ALCS was unable to activate the PIPi environment.

## System action

ALCS terminates the entry.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

DXCBHLLLE

---

**000CD5 CEEPIPI INITSUBDP FAILED**



## Problem determination

First check for corruption of the load dump keypoint. If this is correct then format the dump on the diagnostic file to detect which relocate table record is in error.

### Module

CBXQ

---

<b>000CE3</b>	<b>RELOCATE TABLE READ ERROR - CLEAR CONTINUES</b>
---------------	--

### Explanation

The ZRELO CLEAR command processor was unable to read a record from one of the relocate tables.

### System action

The ZRELO CLEAR continues.

## Problem determination

Format the dump on the diagnostic file to detect which relocate table record is in error.

### Module

CBXS

---

<b>000CE4</b>	<b>RELOCATE TABLE READ ERROR - RELOC CONTINUES</b>
---------------	--

### Explanation

The ZRELO RELOCATE command processor was unable to read a record from one of the relocate tables.

### System action

The ZRELO RELOCATE continues, but one or more imbedded addresses will not be relocated.

### Operator response

Inform your system programmer.

### System programmer response

Either correct the table by manual intervention and rerun the job or clear the relocate table by ZRELO CLEAR before running both the ZRELO LOAD and the ZRELO RELOCATE.

## Problem determination

First check for corruption of the load dump keypoint. If this is correct then format the dump on the diagnostic file to detect which relocate table record is in error.

### Module

CRC5

---

<b>000CE5</b>	<b>CBXM - INTERNAL LOGIC ERROR</b>
---------------	------------------------------------

### Explanation

The ZDATA DUMP utility calls the data base scan function to scan the data base for records to dump. The return code from the data base scan function indicates that an error has occurred.

### System action

ALCS terminates the ZDATA DUMP utility.

### User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

### Module

CBXM

---

<b>000CE6</b>	<b>CBXM - SEQUENTIAL FILE I/O ERROR IN ZDATA DUMP</b>
---------------	---

### Explanation

An I/O error occurred while attempting to write to the sequential file when running the ZDATA DUMP utility.

### System action

ALCS issues message DXC2650E and terminates the ZDATA DUMP utility.

## Problem determination

Refer to message DXC2650E.

### Module

CBXM

---

<b>000CE7</b>	<b>LOGGING TIME STAMP SEQUENCE ERROR</b>
---------------	--

### Explanation

The ZRSTR command processor read a record from the input data set, but the record is not in the correct time

sequence. The time stamp indicates that the record was logged (written to the log) *before* records that precede it on the log.

### System action

The ZRSTR command processor cancels the restore function.

### User response

Check that the input data set is an log. If it is, then check that the data set was correctly closed. If the data set was not correctly closed then this error can occur for records that follow the last valid record on the data set; in this case the restore has completed and it is safe to ignore this error.

### Module

CBXN

---

**000CE8            MAXIMUM BLOCK SIZE TOO  
                  SMALL FOR TPFDBR TAPE**

### Explanation

A TPF database reorg tape requires a minimum block size of 10944 bytes. The largest block size on the system is less than 10944 bytes.

### System action

The load of the TPFDBR tape is not performed.

### User response

Perform a new ALCS generation with a larger maximum block size.

### Module

CBXN

---

**000CE9            CBXF - VALID ENTRY CONDITIONS  
                  FORCED**

### Explanation

A program entered the ALCS ECB-controlled program CBXF with incorrect entry conditions.

### System action

CBXF forces valid entry conditions. Then ALCS continues processing normally.

### System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

### Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

### Module

CBXF

---

**000CF0            ZPDAR COMMAND - INTERNAL  
                  ERROR**

### Explanation

ALCS detected an internal error while processing a ZPDAR command.

### System action

ALCS terminates the entry.

### Operator response

Inform your system programmer.

### System programmer response

This problem should not occur. If it does, contact your IBM programming support representative.

### Module

CPDR

---

**000D13            ZAFIL - CAN NOT READ RECORD**

### Explanation

The ZAFIL command processor detected an unrecoverable I/O error or other error that prevented reading the record that the ZAFIL command specified.

### System action

The ZAFIL command processor sends an error response message.

### Module

CVAE

---

**000D15            CVAG - INVALID ENTRY  
                  CONDITIONS**

## Explanation

A program entered the ALCS ECB-controlled program CVAG with incorrect entry conditions.

## System action

CVAG builds and sends an error message to RO CRAS. Then ALCS continues processing normally.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CVAG

---

**000D16 CVFG - INTERNAL LOGIC ERROR**

## Explanation

There is an internal logic error in an ALCS routine.

## System action

ALCS continues processing normally.

## User response

If this error occurs, ask your system programmer to inform your IBM programming support representative.

## Module

CVFG

---

**000DB0 SEND - END OF LINE OR MESSAGE IN DBCS TEXT**

## Explanation

There is a new-line (#CHAR) character after a DBCS SO character and before any DBCS SI character. (The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.) Alternatively, there may be a DBCS SI character matching a DBCS SO character before the end of the message.

This is an application error. The output datastream is not correctly created by the application. The DBCS SO and SI characters must occur in pairs. There must be

no new-line (#CHAR) character between the DBCS SO and SI characters.

## System action

A dump is taken and the DBCS SO character is replaced with the "?" character.

## Programmer response

Correct the programming error.

## Module

DXCCOM3

---

**000DB1 SEND - INVALID DBCS CHARACTER**

## Explanation

An invalid DBCS character has been detected after a DBCS SO character and before any DBCS SI character.

This is an application error. The output datastream is not correctly created by the application. Ensure that the DBCS data, delimited by the DBCS SO and SI characters, contains only valid DBCS characters.

## System action

A dump is taken and the DBCS SO character is replaced with the "?" character.

## Programmer response

Correct the programming error.

## Module

DXCCOM3

---

**000DB2 SEND - INVALID DBCS CONTROL CHARACTER**

## Explanation

An invalid DBCS control character has been detected after a DBCS SO character and before any DBCS SI character.

This is an application error. The output datastream is not correctly created by the application.

## System action

A dump is taken and the DBCS SO character is replaced with the "?" character.

## Programmer response

Correct the programming error.

## Problem determination

Ensure that the DBCS data, delimited by the DBCS SO and SI characters contains only valid DBCS characters.

## Module

DXCCOM3

---

<b>000DB3</b>	<b>SEND - ODD NUMBER OF DBCS CHARACTERS</b>
---------------	---

---

## Explanation

There is an odd (not a multiple of 2) number of characters between the DBCS SO and SI characters.

This is an application error. The output datastream is not correctly created by the application.

## System action

A dump is taken and the DBCS SO and SI characters are replaced with the "?" character.

## Programmer response

Correct the programming error.

## Module

DXCCOM3

---

<b>000DB4</b>	<b>SEND - #SI NOT PRECEDED BY #SO</b>
---------------	---------------------------------------

---

## Explanation

(The hash (#) character is represented differently by some equipment and it is the EBCDIC X"7B" character.) A DBCS SI character has been detected, but there is no corresponding DBCS SO character preceding it in the data stream.

This is an application error. The output datastream is not correctly created by the application.

## System action

A dump is taken and the DBCS SI character is replaced with the "?" character.

## Programmer response

Correct the programming error.

## Problem determination

The DBCS SO and SI characters must occur in pairs and the DBCS SO character must come before the DBCS SI character.

## Module

DXCCOM3

---

<b>000E02</b>	<b>STORAGE LEVEL FOR OUTPUT MESSAGE IN USE</b>
---------------	--

---

## Explanation

A program entered the ALCS ECB-controlled program CRC9 with incorrect entry conditions. The storage level for the Recoup message was in use.

## System action

ALCS continues processing normally.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CRC9

---

<b>000E03</b>	<b>PROGRAM <i>program</i> NOT FOUND - RECOUP ABANDONED</b>
---------------	--

---

## Explanation

Recoup cannot proceed because the ECB-controlled program *program* is unknown to ALCS; *program* is one of:

### BZ00

This program contains the names of the Recoup descriptor programs.

### CZ01

This is the Recoup descriptor program for ALCS pool records.

## System action

Recoup ends abnormally.

## User response

Ensure the programs BZ00 and CZ01 are both loaded and rerun Recoup.

## Module

CRC2

---

### 000E04      INVALID METHOD IN PRIME GROUP - RECOUP ABEND

## Explanation

Recoup cannot process a prime group because the descriptor program contains an invalid code that describes the method.

## System action

Recoup ends abnormally.

## Operator response

These errors may reduce pool integrity. Inform your system programmer.

## System programmer response

Ensure rapid fixing of these errors and rerunning of Recoup.

## User response

Check if there were any assembly errors or MNOTEs from the assembly of the Recoup descriptor. Correct the coding of the Recoup descriptor program and rerun Recoup.

If the Recoup descriptor program is coded correctly and there were no assembly errors or MNOTEs, then ask your system programmer to inform your IBM programming support representative.

## Module

CRC3

---

### 000E06      FACE ERROR IN PRIME GROUP - RECORD IGNORED

## Explanation

Recoup could not calculate the file address of a record in the application global area; there was a FACE error calculating the file address. The Prime group descriptor specified METHOD=STOR. Either there are no records of type #GLOBL, or the ordinal number in an entry in one of the global load programs (GOA0, GOA1, and so on) was invalid. (The hash (#) character

is represented differently by some equipment and it is the EBCDIC X"7B" character.)

## System action

Recoup ignores the entry in the global load program and proceeds with the next entry.

## Operator response

These errors may reduce pool integrity. Inform your system programmer.

## System programmer response

Ensure rapid fixing of these errors and rerunning of Recoup.

## User response

Check if there were any assembly errors or MNOTEs from the assembly of the Recoup descriptor. Correct the coding of the Recoup descriptor program and rerun Recoup.

If the Recoup descriptor program is coded correctly and there were no assembly errors or MNOTEs, then ask your system programmer to inform your IBM programming support representative.

## Module

CRC3

---

### 000E07      INVALID FILE ADDRESS

## Explanation

Recoup detected an invalid file address during fixed mode chain chase. Either the file address of the first record in a group or the forward or backward chain file address of a record was invalid.

## System action

Recoup processes the invalid file address as the end of the group (the end of the chain of records) and proceeds with the next group.

## Operator response

These errors may reduce pool integrity. Inform your system programmer.

## System programmer response

Ensure rapid fixing of these errors and rerunning of Recoup.

## User response

Check if there were any assembly errors or MNOTEs from the assembly of the Recoup descriptor. Correct the coding of the Recoup descriptor program and rerun Recoup.

If the Recoup descriptor program is coded correctly and there were no assembly errors or MNOTEs, then ask your system programmer to inform your IBM programming support representative.

## Module

CRC4

---

**000E08**            *parameter* **INVALID IN INDEX  
DSECT**

## Explanation

There is an error in an index in a Recoup descriptor program. The index contains an invalid parameter. Note that this error occurs because the index is invalid, not because the record (that the index describes) contains invalid data. The parameter in error is *parameter*, one of:

### ITEM COUNT

Number of items in the record. Items are table entries or logical records within the record. Each item can contain one reference to another group, or it can contain several references (in sub-items).

### ITEM LENGTH

Size (length in bytes) of items.

### SUB-ITEM COUNT

Number of sub-items that an item contains.

### SUB-ITEM LENGTH

Size (length in bytes) of sub-items.

### REFERENCE LENGTH

Size (length in bytes) of a field that contains a reference (for example a file address) to another group.

All the parameters above can be invalid if, for example, the index specifies that the item is in a zero length field.

### REFERENCE METHOD

Reference method (type of reference). This parameter is invalid if the reference method is not one of:

- File address
- Fixed record ordinal number
- Terminal address (CRI)
- User-converted reference.

## System action

Recoup ignores this index. If there are more indexes for the same record then Recoup processes them. Otherwise Recoup proceeds with the next record in the group.

## Operator response

These errors may reduce pool integrity. Inform your system programmer.

## System programmer response

Ensure rapid fixing of these errors and rerunning of Recoup.

## User response

Check if there were any assembly errors or MNOTEs from the assembly of the Recoup descriptor. Correct the coding of the Recoup descriptor program and rerun Recoup.

If the Recoup descriptor program is coded correctly and there were no assembly errors or MNOTEs, then ask your system programmer to inform your IBM programming support representative.

## Module

CRC5

---

**000E09**            **INVALID FILE ADDRESS - RECOUP  
CONTINUES**

## Explanation

There is a logic error in Recoup.

## System action

Recoup ignores the invalid address and continues.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Module

CRC7

---

**000E0A**            **INST EXIT INVALID ITEM -  
RECOUP CONTINUES**

## Explanation

Installation-wide exit program ARC7 has returned an invalid length for user data.

## System action

Recoup uses the default length instead of the invalid length.

## System programmer response

Correct your installation-wide exit program.

## Module

CRC7

---

<b>000E0B</b>	<b>CRC7 - BAD ENTRY - STORAGE LEVEL IN USE</b>
---------------	--

## Explanation

A program entered the ALCS ECB-controlled program CRC7 with incorrect entry conditions. The storage level for the Recoup message was in use.

## System action

ALCS continues processing normally.

## System programmer response

If the error is in an IBM-supplied program, inform your IBM programming support representative.

## Programmer response

This program is not intended to be called by user-written programs. If you have called it, replace the call; otherwise inform your system programmer.

## Module

CRC7

---

<b>000E0C</b>	<b>DIRECTORY BUILD START ERROR LnLT POOL</b>
---------------	--

## Explanation

The monitor is unable to create a new directory for a long-term pool.

## System action

Recoup continues. If the pool is an existing pool ALCS continues using the existing directory. If the pool is a new pool ALCS is unable to use this pool.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Problem determination

At the time of the system error dump, general register 15 (RDB) contains the return code from a GFSCC RECOUP, DIRBUILD, START, POOLID monitor-request macro; general register 14 (RDA) contains the address of the data set information from a DASCC DISPLAY, DATASET monitor-request macro, or zero if there are no data sets of this size.

## Module

CRC8

---

<b>000E0D</b>	<b>DIRECTORY BUILD END ERROR LnLT POOL</b>
---------------	--

## Explanation

The monitor is unable to write out new long-term pool directories to the database following directory build.

## System action

Recoup continues. If the pool is an existing pool ALCS continues using the existing directory. If the pool is a new pool ALCS is unable to use this pool.

## System programmer response

If this error occurs, inform your IBM programming support representative.

## Problem determination

At the time of the system error dump, general register 15 (RDB) contains the return code from a GFSCC RECOUP, DIRBUILD, END, POOLID monitor-request macro.

## Module

CRC8

---

<b>000E0E</b>	<b>GF-000 ERROR - QUICK RECOUP TERMINATED</b>
---------------	---

## Explanation

Recoup is unable to write out the file addresses of the in-use records to the Recoup general file, GF-000. This could be due to an I/O error, or the file is full or offline. Because ZRECP QUICK does not timestamp all the records, it is unsafe to build new directories, therefore the command terminates.

## System action

Recoup is terminated.

## System programmer response

Determine why the Recoup general file is not available and make it available. Retry the command.

## Module

CRC1, CRC7

---

**000EE0**      *macro - LOGIC ERROR IN ALCS  
HEAP STORAGE SUPPORT*

## Explanation

An ECB-controlled program issued an assembler MALOC, FREEC, RALOC, or CALOC monitor-request macro, but there is an internal logic error in ALCS.

## System action

ALCS terminates the entry.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCSTH

---

**000EE1**      *macro - SIZE IS NOT A VALID  
POSITIVE VALUE*

## Explanation

An ECB-controlled program issued an assembler MALOC, RALOC, or CALOC monitor-request macro, but the the requested size is not a positive value.

## System action

ALCS continues processing normally, but the storage request fails.

## Programmer response

Correct the programming error.

## Module

DXCSTH

---

**000EE2**      *macro - SIZE EXCEEDS TYPE 3  
STORAGE UNIT SIZE*

## Explanation

An ECB-controlled program issued an assembler MALOC, RALOC, or CALOC monitor-request macro, but

the requested size exceeds the type 3 storage unit size. Register 14 contains the requested size (in bytes).

## System action

ALCS continues processing normally, but the storage request fails.

## System programmer response

If this is not an application error, then increase the type 3 storage unit size in the ALCS generation.

## Programmer response

Inform your system programmer if the ECB-controlled program genuinely needs the storage. Otherwise correct the programming error.

## Module

DXCSTH

---

**000EE3**      *macro - INVALID STORAGE  
ADDRESS*

## Explanation

An ECB-controlled program issued an assembler FREEC or RALOC monitor-request macro, but the address is invalid.

## System action

ALCS continues processing normally, but the storage request fails.

## Programmer response

Correct the programming error.

## Module

DXCSTH

---

**000EE4**      *macro - ENTRY STORAGE LIMIT  
EXCEEDED*

## Explanation

An ECB-controlled program issued an assembler MALOC, RALOC, or CALOC monitor-request macro, but the requested size exceeds the total entry storage limit.

## System action

ALCS continues processing normally, but the storage request fails.

## Programmer response

If the entry genuinely requires a large amount of storage, include a SLIMC monitor-request macro in the application.

## Module

DXCSTH

---

**000EE5**            *macro - NO AVAILABLE TYPE 3 STORAGE UNITS*

## Explanation

An ECB-controlled program issued an assembler MALOC, RALOC, or CALOC monitor-request macro, but all the type 3 storage units are in use.

## System action

ALCS continues processing normally, but the storage request fails.

## System programmer response

Check to see why the storage units are in use. The shortage of storage units can indicate for example:

- The ALCS generation did not specify enough type 3 storage units.
- An exceptional amount or type of work requires extra type 3 storage units.

## Module

DXCSTH

---

**000EE6**            *macro - NO TYPE 3 STORAGE UNITS DEFINED*

## Explanation

An ECB-controlled program issued an assembler MALOC, FREEC, RALOC, or CALOC monitor-request macro, but there are no type 3 storage units defined.

## System action

ALCS terminates the entry.

## System programmer response

Define type 3 storage units in the ALCS generation.

## Module

DXCSTH

---

**000EE7**            *macro - INVALID HEAP STORAGE*

## Explanation

An ECB-controlled program issued a ROUTC or SENDC X monitor-request macro, but either the level is invalid, or the data level points to an incorrect heap storage area.

## System action

ALCS terminates the entry.

## Programmer response

Correct the programming error.

## Module

DXCCOMQ, DXCSND

---

**000EE8**            **SENDCX - DEVICE DOES NOT SUPPORT LARGE MESSAGES**

## Explanation

An ECB-controlled program issued a SENDC X monitor-request macro, but the destination of the message is not an ALC terminal that connects to ALCS through TCP/IP.

## User response

Check that the destination of the data is correct, and that the communication generation correctly specifies all the communication resources.

## Module

DXCXND

---

**000EEA**            **COMTC - ERROR DURING LOAD OR BACKOUT PROCESSING**

## Explanation

ALCS failed to build an on-line communication table entry during COMTC LOAD or COMTC BACKOUT processing.

## System action

ALCS returns control to the ECB-controlled program which issued the COMTC macro with a return code of COMTC\_R\_ERROR and a reason code of COMTC\_S\_LOAD in register 15.

## Operator response

Inform your system programmer.

## System programmer response

The on-line communication table may contain an incomplete communications entry. Do not use COMTC CONFIRM to confirm this communication table update, but schedule an ALCS restart to rebuild the on-line communication table. After the restart, either remove the update by a COMTC CANCEL or load it again by a COMTC LOAD. A COMTC LOAD or BACKOUT error can occur when the number of available resource ordinal numbers is running low. If additional ordinal numbers are required, increase the ordinal number range in the ALCS communication generation COMGEN macro parameter, MAXORD. If the problem persists, inform your IBM programming support representative.

## Module

DXCOCTM

---

<b>000EEB</b>	<b>COMTC - ERROR OCCURRED DURING COMMUNICATIONS RESTART</b>
---------------	---

## Explanation

During ALCS restart, program COTA issues the COMTC START macro to initiate the building of communication table entries from the Online Communication Table Maintenance (OCTM) database. An error has occurred during the building of the communications table entries, therefore COTA has received a non-zero return code from COMTC START.

## System action

ALCS terminates the state change entry. Another system error (000EF1 or 000EF2) may also occur immediately prior to this system error.

## Operator response

Inform your system programmer.

## System programmer response

Restore the Online Communication Table Maintenance (OCTM) database using the online ZOCTM RESTORE function. If this does not correct the problem, inform your IBM programming support representative.

## Module

COTA

---

<b>000EEC</b>	<b>OCTM - LOGIC ERROR WHILE CHECKING L3LT POOL RECORDS</b>
---------------	--

## Explanation

ALCS detected a logic error while checking the number of available L3 long-term pool records.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCOCTM

---

<b>000EED</b>	<b>OCTM - UNABLE TO READ/WRITE TO SEQUENTIAL FILE</b>
---------------	---

## Explanation

The ALCS operator activated the Online Communication Table Maintenance (OCTM) BACKUP or RESTORE functions, but ALCS was unable to perform any I/O to the OCTM sequential file.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Verify that the OCTM sequential file is correctly defined in the ALCS system (see the description of the SEQGEN generation macro in *ALCS Installation and Customization*).

## Module

COTA

---

<b>000EEE</b>	<b>OCTM - INVALID CHANGE RECORD ON OCTM DATABASE</b>
---------------	--

## Explanation

During ALCS restart, while ALCS was loading the on-line communication table from the Online Communication Table Maintenance (OCTM) database, it detected an invalid CHANGE record on the OCTM database.

## System action

ALCS continues with the restart (an invalid CHANGE record does not impact the integrity of the on-line communication table).

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCOCTM

---

<b>000EF0</b>	<b>COMTC - INVALID ACTION PARAMETER</b>
---------------	---

## Explanation

An ECB-controlled program issued a COMTC macro that specified an invalid action parameter.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Review the object code in the ECB-controlled program which issued the COMTC macro. An invalid action parameter should be detected when an ECB-controlled program is assembled, therefore the expansion of the COMTC macro may be incorrect. Alternatively, contact your IBM programming support representative for assistance.

## Module

DXCOCTM

---

<b>000EF1</b>	<b>OCTM - LOGIC ERROR DURING COMMUNICATIONS RESTART</b>
---------------	---

## Explanation

ALCS detected a logic error while loading communication resources from the Online Communication Table Maintenance (OCTM) database during system restart.

## System action

ALCS continues with the restart, however the communications restart will not finish normally. System error 000EEB may also occur.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Restore the OCTM database using the online ZOCTM RESTORE function. If this does not correct the problem, inform your IBM programming support representative.

## Module

DXCOCTM

---

<b>000EF2</b>	<b>OCTM - FIND ERROR ON OCTM DATABASE</b>
---------------	---

## Explanation

ALCS is unable to read records on the Online Communication Table Maintenance (OCTM) database during communications restart.

## System action

ALCS continues with the restart, however the communications restart will not finish normally. System error 000EEB may also occur.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Restore the OCTM database using the online ZOCTM RESTORE function. If this does not correct the problem, inform your IBM programming support representative.

## Module

DXCOCTM

---

**000EF3            OCTM - CANNOT OBTAIN EXTRA  
                  OCTM DATABASE RECORDS**

## Explanation

An error occurred when ALCS attempted to expand the size of the Online Communication Table Maintenance (OCTM) database.

## System action

ALCS disables access to the OCTM database.

## Operator response

Inform your system programmer.

## System programmer response

At the time of the system error, general register 15 contains one of the following reason codes:

**4**

There are insufficient spare ordinal numbers for communication resources.

Increase the range of ordinal numbers defined on the MAXORD parameter of the ALCS communication generation COMGEN macro and rebuild the initial communication configuration load module.

**8**

There are insufficient (less than 500) size L3 long-term pool records available.

Run Recoup. If not enough size L3 long-term pool records are returned by Recoup, then increase the number of available size L3 long-term pool records by expanding the database.

## Module

DXCOCTM

---

**000EF4            COMTC - UNABLE TO OBTAIN  
                  POOL FILE ADDRESS**

## Explanation

The COMTC macro has been issued with the ACTION=GROUPS parameter, but ALCS was unable to obtain an L3ST pool file address for a Communications Groups Information record.

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Check your database generation to verify that an L3ST pool is defined. If it is, verify that the L3ST pool is still active.

## Module

DXCOCTM

---

**000EF5            COMTC - LOGIC ERROR DURING  
                  COMTC MACRO PROCESSING**

## Explanation

An ECB-controlled program issued a COMTC macro but an error occurred in DXCOCTM while the macro was being processed.

## System action

ALCS returns control to the ECB-controlled program which issued the COMTC macro with a return code of COMTC\_R\_SYSERR in register 15.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCOCTM

---

**000EF6            OCTM - LOAD ERROR DURING  
                  ALCS RESTART**

## Explanation

ALCS failed to build an on-line communication table entry during restart.

## System action

ALCS continues with the restart, however the communications restart will not finish normally. System error 000EEB may also occur.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Restore the Online Communication Table Maintenance (OCTM) database using the online ZOCTM RESTORE function. If this does not correct the problem, inform your IBM programming support representative.

## Module

DXCOCTM

---

<b>000EF7</b>	<b>COMTC - UNABLE TO RETRIEVE COMTC GROUPS RECORD</b>
---------------	---

---

## Explanation

ALCS was processing the COMTC macro with the ACTION=GROUPS parameter, but was unable to retrieve the Communications Groups Information record (which is built by ALCS for the ECB-controlled program that issued the COMTC macro).

## System action

ALCS terminates the entry.

## Operator response

Inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

COTC, COTG

---

<b>000EF8</b>	<b>OCTM - NO IOCB AVAILABLE FOR BUILD OR RESTORE FUNCTIONS</b>
---------------	--

---

## Explanation

The ALCS operator activated the Online Communication Table Maintenance (OCTM) BUILD or RESTORE function, but ALCS does not have enough IOCB resources to process the request.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Increase the total number of I/O control blocks (IOCBs) in the ALCS system (see the description of the NBRIOB parameter on the SCTGEN generation macro in *ALCS Installation and Customization*).

## Module

DXCOCTM

---

<b>000EF9</b>	<b>OCTM - LOGIC ERROR WHILE BUILDING INITIAL OCTM DATABASE</b>
---------------	--

---

## Explanation

ALCS detected a logic error while building the initial Online Communication Table Maintenance (OCTM) database.

## System action

ALCS ends abnormally.

## Operator response

Activate the alternate ALCS if there is one, or restart ALCS. If this is an isolated instance, follow your normal procedure for a non-urgent problem. If it happens repeatedly, inform your system programmer.

## System programmer response

Inform your IBM programming support representative.

## Module

DXCOCTM

---

<b>000EFA</b>	<b>TPPDF - PROGRAM NOT AMODE 31</b>
---------------	-------------------------------------

---

## Explanation

A TPDFDF program is not an AMODE 31 program. Register R03 points to the name of the program.

## System action

ALCS terminates the entry.

### Programmer response

Ask your system programmer to inform your IBM programming support representative.

### Module

DXCDFS, DXCDFT

---

**000EFB**                    **TPFDF - INVALID MACRO CALL**

### Explanation

An ECB-controlled program issued an invalid TPFDF macro call. Register R14 contains the incorrect value in the TPFDF macro call.

### System action

ALCS terminates the entry.

### Programmer response

Ask your system programmer to inform your IBM programming support representative.

### Module

DXCDFS

---

**000EFC**                    **TPFDF - PROGRAM NOT LOADED**

### Explanation

A TPFDF program is not loaded. Register R03 points to the name of the program.

### System action

ALCS terminates the entry.

### Programmer response

Ask your system programmer to inform your IBM programming support representative.

### Module

DXCDFS, DXCDFT

---

## Chapter 14. Abnormal termination completion codes

This section lists and describes the completion codes that ALCS issues when it uses the ABEND macro instruction to end abnormally. These are user completion codes; they are decimal numbers. They apply only when the system completion code is hexadecimal 000. Refer to *MVS System Codes* for information about other system completion codes.

---

### 0000

#### Explanation

The ALCS Prime CRAS operator entered a ZASYS HALT command. This command terminates ALCS.

#### System action

ALCS completes pending output operations. Then it ends abnormally.

---

### 0001

#### Explanation

The ALCS system error routine identified an error that is normally catastrophic.

#### System action

The system error routine generates a system error dump. Then it completes pending output operations. Then it ends abnormally.

#### Problem determination

Message DXC250T accompanies this completion code. Refer to the explanation [“DXC250T” on page 40](#) for information about the error condition.

If a system error dump is not available then an MVS SYSABEND or SYSUDUMP contains information that can help with problem determination. In particular, at entry to ABEND, general register 4 contains the address of the MVS recovery and termination management (RTM) system diagnostic work area (SDWA). General register 7 contains the ABEND completion codes in the low order 3 bytes; the first 12 bits are the system completion code, the second 12 bits are the user completion code.

For some error conditions, the ALCS monitor program deliberately provokes a specification exception to request a system error dump. The application system error macros SYSRA and SERRC deliberately provoke specification exceptions in the same way. In these cases, the system and user completion codes in general register 7 are hexadecimal 0C6 and hexadecimal 000 respectively.

---

### 0002

#### Explanation

The ALCS system error routine identified a nested error. That is, a second (nested) error occurred while the system error routine was already processing a system error.

#### System action

The system error routine cancels the system error dump for the original error. Then it completes pending output operations. Then it ends abnormally.

#### Problem determination

Message DXC250T accompanies this completion code. Refer to the explanation [“DXC250T” on page 40](#) for information about the original error condition.

An MVS SYSABEND or SYSUDUMP contains information that can help with problem determination. In particular, at entry to ABEND, general registers 4 and 7 contain the system diagnostic work area (SDWA) address and abend completion codes for the original error, as for completion code 0001 ([“Explanation” on page 445](#)). General registers 2 and 5 contain the SDWA address and abend completion codes for the second error.

---

### 0003

#### Explanation

The ALCS system error routine identified a double nested error. That is, a third (double nested) error occurred while the system error routine was already processing a nested system error.

#### System action

The system error routine ends abnormally, without any attempt to complete pending output operations.

## Problem determination

Message DXC250T accompanies this completion code. Refer to the explanation “DXC250T” on page 40 for information about the original error condition.

An MVS SYSABEND or SYSUDUMP contains information that can help with problem determination. In particular, at entry to ABEND, general registers 4 and 7 contain the system diagnostic work area (SDWA) address and abend completion codes for the original error, as for completion code 0001 (“Explanation” on page 445). General registers 3 and 6 contain the SDWA address and abend completion codes for the second error. General registers 2 and 5 contain the SDWA address and abend completion codes for the third error.

---

**0011**

## Explanation

The ALCS system error routine identified an error that normally terminates the active entry but there is no active entry.

## System action

The system error routine generates a system error dump. Then it completes pending output operations. Then it ends abnormally.

## Problem determination

As for completion code 0001 (“Explanation” on page 445).

---

**0012**

## Explanation

The ALCS system error routine identified an error that normally terminates the active entry but it cannot identify the active entry.

## System action

The system error routine generates a system error dump. Then it completes pending output operations. Then it ends abnormally.

## Problem determination

As for completion code 0001 (“Explanation” on page 445).

---

**0013**

## Explanation

The ALCS system error routine identified an error in an online monitor routine. The routine was executing with incorrect base register contents.

## System action

The system error routine generates a system error dump. Then it completes pending output operations. Then it ends abnormally.

## Problem determination

As for completion code 0001 (“Explanation” on page 445).

---

**0020**

## Explanation

The ALCS system error routine identified an error. The user-written installation-wide system error exit routine requested a catastrophic.

## System action

The system error routine generates a system error dump. Then it completes pending output operations. Then it ends abnormally.

## Problem determination

As for completion code 0001 (“Explanation” on page 445).

---

**0030**

## Explanation

The ALCS system error routine identified an error in an online monitor routine. The online monitor save area chain was corrupted.

## System action

The system error routine generates a system error dump. Then it completes pending output operations. Then it ends abnormally.

## Problem determination

As for completion code 0001 (“Explanation” on page 445).

---

**0031**

## Explanation

The ALCS system error routine identified an error in an online monitor routine. An online monitor subroutine (called an emergency exit routine) returned a non-zero return code.

## System action

The system error routine generates a system error dump. Then it completes pending output operations. Then it ends abnormally.

## Problem determination

As for completion code 0001 ([“Explanation” on page 445](#)).

---

### 0041

## Explanation

The operator replied CANCEL to ALCS message number DXC110R.

## System action

ALCS ends abnormally.

---

### 0042

## Explanation

The ALCS initializer identified an error that prevents successful initialization.

## System action

The initializer may send one or more messages with severity code "T" to the MVS operator console. Then it ends abnormally. The messages describe the reason for the abend. Observe that ALCS does not send messages with severity code "T" when it cannot initialize either the ALCS - WAS interface or the ALCS message trace. In these cases the MVS dump contains additional information indicating the problem.

- When ALCS is not able to initialize the ALCS - WAS interface, general register four in the MVS dump contains either:

#### WAS4

could not allocate storage, or

#### WAS8

could not load one or more of the WAS OLA stub programs.

- When ALCS is not able to initialize the online message trace facility, register four in the MVS dump contains either

#### MGT4

could not allocate the online trace anchor or

#### MGT8

could not allocate the trace buffer area. Note that if your online message trace area is above the bar, then you must specify a proper MEMLIMIT.

## Problem determination

Refer to the MVS console for messages that describe the reason for the abend or refer to the MVS abend.

---

### 0795

## Explanation

The ALCS communication routines identified an error that prevents normal operation. This can be caused by, for example:

- Corruption of one or more of the communication tables
- Incorrect use of an internal communication subroutine from an installation-wide exit
- An internal error.

## System action

The ALCS communication report file generator ends abnormally. No message accompanies this completion code.

## System programmer response

Check that the error is not caused by user-written code being executed in the installation-wide exits. If the error is in ALCS, then inform your IBM programming support representative.

---

### 0796

## Explanation

The ALCS communication routines identified an error that prevents normal operation. This can be caused by, for example:

- Corruption of one or more of the communication tables
- Incorrect use of an internal communication subroutine from an installation-wide exit
- An internal error.

### **System action**

The ALCS communication report file generator ends abnormally. No message accompanies this completion code.

### **System programmer response**

Check that the error is not caused by user-written code being executed in the installation-wide exits. If the error is in ALCS, then inform your IBM programming support representative.

---

**0797**

### **Explanation**

The ALCS communication routines identified an error that prevents normal operation. This can be caused by, for example:

- Corruption of one or more of the communication tables
- Incorrect use of an internal communication subroutine from an installation-wide exit
- An internal error.

### **System action**

The ALCS communication report file generator ends abnormally. No message accompanies this completion code.

### **System programmer response**

Check that the error is not caused by user-written code being executed in the installation-wide exits. If the error is in ALCS, then inform your IBM programming support representative.

---

**0798**

### **Explanation**

The ALCS communication routines identified an error that prevents normal operation. This can be caused by, for example:

- Corruption of one or more of the communication tables
- Incorrect use of an internal communication subroutine from an installation-wide exit
- An internal error.

### **System action**

The ALCS communication report file generator ends abnormally. No message accompanies this completion code.

### **System programmer response**

Check that the error is not caused by user-written code being executed in the installation-wide exits. If the error is in ALCS, then inform your IBM programming support representative.

---

**0799**

### **Explanation**

The ALCS communication routines identified an error that prevents normal operation. This can be caused by, for example:

- Corruption of one or more of the communication tables
- Incorrect use of an internal communication subroutine from an installation-wide exit
- An internal error.

### **System action**

The ALCS communication report file generator ends abnormally. No message accompanies this completion code.

### **System programmer response**

Check that the error is not caused by user-written code being executed in the installation-wide exits. If the error is in ALCS, then inform your IBM programming support representative.

---

**0997**

### **Explanation**

The USRTSK1 exit used by third party software could not be initialized by ALCS.

### **System action**

ALCS ends abnormally. No message accompanies this completion code.

### **System programmer response**

Contact the ALCS Support Group

---

**1000**

### **Explanation**

The ALCS communication report file generator has ended normally.

---

**1001**

## Explanation

The ALCS communication routines identified an error that prevents normal operation. This can be caused by, for example:

- Corruption of one or more of the communication tables
- Incorrect use of an internal communication subroutine from an installation-wide exit
- An internal error.

## System action

The ALCS communication report file generator ends abnormally. No message accompanies this completion code.

## System programmer response

Check that the error is not caused by user-written code being executed in the installation-wide exits. If the error is in ALCS, then inform your IBM programming support representative.

---

### 1002

## Explanation

An ALCS initialization routine failed.

## System action

The ALCS communication report file generator ends abnormally.

---

### 1003

## Explanation

The ALCS communication report file generator was unable to open the output report file.

## System action

The ALCS communication report file generator ends abnormally.

## System programmer response

No message accompanies this completion code. Examine the system log for any message associated with the output report file. Correct the error and resubmit the job.

---

### 1004

## Explanation

The ALCS security routines identified an error.

## System action

The ALCS communication report file generator ends abnormally.

## System programmer response

Examine the system log for any ALCS message with subcomponent code SAF.

---

### 1005

## Explanation

The ALCS communication routines identified an error that prevents normal operation.

## System action

The ALCS communication report file generator ends abnormally.

## System programmer response

Examine the system log for any ALCS message with subcomponent code COM.

---

### 1006

## Explanation

The ALCS communication routines could not open the Online Communication Table Maintenance (OCTM) sequential file (created by the online ZOCTM BACKUP command).

## System action

The ALCS communication report file generator ends abnormally.

## System programmer response

Examine the system log for messages that are associated with the OCTM backup sequential file or the PARM parameter on the JCL. Correct the JCL (and the PARM parameter if required) and resubmit the job.

---

## Chapter 15. Sense codes

ALCS can send the following SNA sense codes over an LU 6.1 link. For any other sense codes refer to the appropriate SNA or VTAM manual.

---

### 081C

#### Explanation

Request Not Executable: The requested function cannot be executed because of a permanent error condition in the receiver.

The following list shows ALCS unique codes that are set as part of sense code 081C.

#### Sense Data

##### Meaning

#### 081C0701

ALCS is unable to obtain an L1 or L3 short-term pool record because L1 or L3 records are not defined to the system.

#### 081C0702

ALCS is unable to obtain an L1 or L3 short-term pool record because there are no L1 or L3 short-term pool records available.

#### 081C0703

ALCS is unable to obtain an L1 or L3 VFA buffer.

#### 081C0704

ALCS is unable to read a pool record that was previously written.

#### 081C0705

The input data is too long to fit in an L3 pool record.

---

## Appendix A. Messages intended for automated operations

The following messages are intended as part of the ALCS General-Use Programming Interface.

The *wording* of messages is not a part of the General-Use Programming Interface.

However, if you wish to use ALCS messages as input to an automated operator, you can do so by making use of:

- The message number, and
- The tokenized variables (if any).

For further information see [“Automated operations” on page viii](#).

### **DXC030E**

TPPDF initialization failed - Not enough storage for DB table

### **DXC031W**

TPPDF initialization failed - Not enough storage for DF statistics

### **DXC040T**

Timer initialization failed - TOD clock error

### **DXC051T**

Sequential file initialization failed - Not enough sequential files available

### **DXC052T**

Can not read seq file configuration table TN-'*name*'

Abend code AC-X'*system\_completion\_code*' Reason code RSC-X'*reason\_code*'

### **DXC054I**

Seq file SEQN-'*name*' Dsname DSN-'*data\_set\_name*' Volume VS-'*volume\_serial*' allocated

### **DXC055I**

Seq file SEQN-'*name*' Dsname DSN-'*data\_set\_name*' Volume VS-'*volume\_serial*' deallocated

### **DXC056E**

Sequential file SEQN-'*name*' allocate/open failed - Return code RC-X'*return\_code*'

### **DXC070E**

Hiperspace initialization failed - Return code RC-X'*return\_code*' Reason code RSC-X'*reason\_code*'

### **DXC071E**

Hiperspace initialization failed - Not enough storage for control block

### **DXC080E**

DB2 initialization failed - Not enough storage

### **DXC081E**

DB2 CAF entry point load failed - Abend code AC-X'*abend\_code*' Reason code RSC-X'*reason\_code*'

### **DXC090E**

APPC/MVS initialization failed - Not enough storage

### **DXC091E**

APPC/MVS initialization failed - Not enough CSA storage

### **DXC092E**

APPC/MVS join failed - Return codes

RC1-X'*join\_return\_code*' RC2-X'*XCF\_return\_code*' RC3-X'*XCF\_reason\_code*'

### **DXC093W**

APPC/MVS identify failed - Return code RC-X'*return\_code*'

### **DXC104T**

Initialization failed - Available storage NR-'*valueK*', minimum required NR2-'*valueK*'

**DXC106T**

Initialization failed - Return code RC-'*return\_code*' from user initialization routine

**DXC107T**

Can not read system configuration table TN-'*table\_name*' -  
Abend code AC-X-'*abend\_code*' Reason code RSC-X-'*reason\_code*'

**DXC108T**

Initialization failed - Parameter format invalid

**DXC109T**

Initialization failed - TCB count parameter not in range 1-32

**DXC110R**

Standby state - Reply with required system state (IDLE, CRAS, MESW, or NORM) or CANCEL

**DXC111I**

Cancel request accepted

**DXC112R**

Can not obtain exclusive control for database - Reply U to proceed

**DXC113E**

Reply invalid - Ignored

**DXC114I**

Initialization complete

**DXC162T**

DASD initialization failed - Not enough storage

**DXC163T**

Can not read DASD configuration table TN-'*name*' -  
Abend code AC-X-'*system\_completion\_code*' Reason code RSC-X-'*reason\_code*'

**DXC164T**

Can not continue - Not enough data sets available for database

**DXC165W**

DYNALLOC (A) Return code 0 Error code EC-X-'*error\_code*' DSN-'*data\_set\_name*'

**DXC166E**

FN-'*function*' Return code RC-X-'*return\_code*' EC-X-'*error\_code*' DSN-'*data\_set\_name*'

**DXC167I**

Data set DSN-'*data\_set\_name*' allocated

**DXC168I**

Data set DSN-'*data\_set\_name*' copy complete

**DXC169E**

Data set DSN-'*data\_set\_name*' copy failed

**DXC170T**

Can not read either copy of control record

**DXC172E**

GETMAIN error - Can not obtain work block for DASD termination

**DXC175W**

DYNALLOC (U) Return code 0 Error code EC-X-'*error\_code*' DSN-'*data\_set\_name*'

**DXC176E**

FN-'*function*' Return code RC-'*return\_code*' EC-X-'*error\_code*' DSN-'*data\_set\_name*'

**DXC177I**

Data set DSN-'*data\_set\_name*' deallocated

**DXC180T**

Initialization failed - Test data set FN-'*function*' Return code RC-'*return\_code*' Reason code RSC-  
X-'*reason\_code*'

**DXC181E**

Test data set FN-'*function*' Return code RC-'*return\_code*' Reason code RSC-X-'*reason\_code*'

**DXC182W**

Test data set FN-'*function*' Return code RC-'*return\_code*' Reason code RSC-X-'*reason\_code*'

**DXC200R**

Open VTAM ACB LUN-'*acbname*' failed, Return code RC-X-'*return\_code*' - Reply U to retry, or C to cancel

**DXC201W**

CRAS CT-'*cras\_type*' CRI-'*cri*' CRN-'*crn*' not available -  
Return code RC-X-'*rr*' FB2-X-'*ff*' SC-X-'*ssmmuuuu*'

**DXC202W**

CRAS CT-'*cras\_type*' CRI-'*cri*' CRN-'*crn*' not acquired - Device type not supported

**DXC203T**

Initialization failed - No VTAM network available - Return code RC-X-'*rr*' FDBK2 FB2-X-'*ff*'

**DXC204A**

VTAM operator has issued halt - Halt ALCS with 'ZASYS HALT' command

**DXC206T**

Initialization failed - No fallback available for CRAS CT-'*cras\_type*'

**DXC207I**

CRAS CT-'*cras\_type*' is CRI-'*cri*' CRN-'*crn*'

**DXC208I**

CRAS CT-'*cras\_type*' CRI-'*cri*' CRN-'*crn*' acquired

**DXC209E**

Resource CRN-'*crn*' not defined - Can not be deleted or replaced

**DXC210E**

Resource CRN-'*crn*' already defined - Can not be added

**DXC212E**

Resource CRN-'*crn*' is a different device type from replace entry - Entry cannot be replaced

**DXC213E**

Resource CRN-'*crn*' has duplicate other-system identification specified - Entry cannot be processed

**DXC214E**

Resource CRN-'*crn*' - No room in DXCRIT table to add other-system identification

**DXC215E**

Resource CRN-'*crn*' has duplicate HEX/TCID/IA/TA specified - Entry cannot be processed

**DXC216E**

Resource CRN-'*crn*' - No room in DXCSLCTB table to add HEX/TCID/IA/TA

**DXC217E**

Resource CRN-'*crn*' has duplicate name specified - Entry cannot be added

**DXC218E**

Resource CRN-'*crn*' - No room in table DXCNHT to add entry

**DXC219E**

Resource CRN-'*crn*' specifies an unknown terminal type

**DXC220E**

SLC link CRN-'*crn*' not replaced/deleted - At least one terminal still accessed through it

**DXC221E**

LU 6.1 link CRN-'*crn*' not found

**DXC222E**

Resource CRN-'*crn*' has no DXCREI table defined for its LDI type

**DXC224T**

Invalid communication load module MODN-'*name*'

**DXC225T**

Too many resources specified

**DXC226T**

Too many SLCLINK and WTTY resources specified

**DXC227T**

Unknown LDTYPE specified

**DXC228E**

SLC link CRN-'*crn*' not found

**DXC229E**

ALCI LU CRN-'*crn*' not found

**DXC230T**

Can not read communication load module MODN-'*name*' -  
Abend code AC-X'*system\_completion\_code*' Reason code RSC-X'*reason\_code*'

**DXC231W**

Associated resource ACRN-'*crn1*' not found for resource CRN-'*crn2*'

**DXC232E**

Logical unit presentation services profile NR-X'*profile\_number*' not supported for resource CRN-'*crn*'

**DXC233I**

SLC line allocation - Unit address AD-'*address*' Ddname DDN-'*name*'

**DXC234I**

SLC line deallocation - Ddname DDN-'*name*'

**DXC235W**

SLC line allocation failure -  
Unit address AD-'*address*' Error code EC-X'*error\_code*' Reason code RSC-X'*reason\_code*'

**DXC236W**

SLC line deallocation failure -  
Ddname DDN-'*name*' Error code EC-X'*error\_code*' Reason code RSC-X'*reason\_code*'

**DXC237W**

Device is not suitable for SLC - Ddname DDN-'*name*' UCBTYP UCBT-X'*ucbtype\_code*'

**DXC238W**

SLC line DCB open failure - Ddname DDN-'*name*'

**DXC239E**

Resource CRN-'*crn*' has duplicate LEID specified - Entry cannot be processed

**DXC240E**

Resource CRN-'*crn*' - No room in DXCLEID table to add LEID

**DXC241E**

LU 6.1 CRN-'*crn*' not replaced/deleted - At least one parallel session still defined

**DXC242E**

Resource CRN-'*crn*' - No room in table DXCREI to add entry

**DXC243E**

X.25 PVC XCRN-'*crn*' not found

**DXC244E**

X.25 PVC XCRN-'*crn*' not replaced/deleted - At least one terminal still accessed through it

**DXC245E**

Type 2/3 X.25 PVC XCRN-'*X.25\_crn*' not found for SLC link CRN-'*crn*'

**DXC246I**

CRAS CRI-'*cri*' NetView CRN-'*crn*' acquired

**DXC247R**

Reply invalid - Reply U to retry or C to cancel

**DXC248T**

Can not continue - Not enough storage available for communication table

**DXC249T**

Load of communication load module MODN-'*name*' failed - Resource CRN-'*crn*' in use

**DXC250T**

ALCS system failure - SERRC-*error\_description*

**DXC251W**

Global area corruption - Not all global area dumped

**DXC260W**

Load of module MODN-'*name*' failed - Unrecognizable application CSECT at offset OFS-X-'*offset*'

**DXC261W**

Load of module MODN-'*name*' failed - *reason\_message*

**DXC262W**

MODN-'*name*' failed - Error during module load, Abend code AC-X-'*system\_completion\_code*' Reason code RSC-X-'*reason\_code*'

**DXC263T**

Load of program config table TN-'*name*' failed -  
Abend code AC-X-'*system\_completion\_code*' Reason code RSC-X-'*reason\_code*'

**DXC264T**

Can not load/build internal table TN-'*name*' -  
Abend code AC-X-'*system\_completion\_code*' Reason code RSC-X-'*reason\_code*'

**DXC266T**

Can not load all ALCS entry controlled monitor programs

**DXC270T**

Can not read CTKB

**DXC280T**

GETMAIN for DCB failed -  
Abend code AC-X-'*system\_completion\_code*' Reason code RSC-X-'*reason\_code*'

**DXC281T**

Can not open DCB DDN-'*ddname*' - Return code RC-X-'*return\_code*'

**DXC2000E**

Logic error - Invalid message number or prefix EC-'*cccnnn*'

**DXC2001E**

Logic error - Invalid message parameters

**DXC2003I**

ALCS state change from SS1-'*state1*' to SS2-'*state2*' starting

**DXC2004I**

ALCS in SS-'*state*' state

**DXC2005E**

Invalid global load message index NR-'*number*'

**DXC2006I**

Global record load complete

**DXC2007E**

Invalid global record type/ordinal - Slot SN-'*slot\_number*' Directory DN-'*directory\_number*'

**DXC2008E**

Can not read global record - Fixed file type FT-'*filetype*' Ordinal ORD-'*ordinal*'  
Slot SN-'*slot\_number*' Directory DN-'*directory\_number*'

**DXC2009E**

Can not find global load program PN-'*name*'

**DXC2010I**

Global record load starting

**DXC2011E**

Invalid directory slot number - Slot SN-'*slot\_number*' Directory DN-'0'

**DXC2012E**

Not enough space in global area AN-'*area\_number*' -  
Slot SN-'*slot\_number*' Directory DN-'*directory\_number*'

**DXC2014E**

Invalid header strip request for keypointable record -  
Slot SN-'*slot\_number*' Directory DN-'*directory\_number*'

**DXC2015E**

Global load only allowed in idle state

**DXC2016E**

No ALCS globals defined - Check CGAF

**DXC2020E**

Check entry and retry - If problem persists call supervisor  
Problem reference information follows  
SE-*number* {CTL|OPR}-*code* PROG-*name* OFFSET-*listing\_address* CRN-*crn*  
VOLUME *volume\_serial* DSNAME *data\_set\_name*  
MSG-*message*

**DXC2021E**

SE-*number* CTL-*code* PROG-*name* OFFSET-*listing\_address* CRN-*crn*  
VOLUME *volume\_serial* DSNAME *data\_set\_name*  
MSG-*message*

**DXC2022E**

SE-*number* OPR-*code* PROG-*name* OFFSET-*listing\_address* CRN-*crn*  
VOLUME *volume\_serial* DSNAME *data\_set\_name*  
MSG-*message*

**DXC2401W**

Application *name* does not exist

**DXC2402W**

Application *name* not active

**DXC2403W**

Not routed to an application

**DXC2404W**

Request not processed - System restricted

**DXC2405W**

Logon rejected from LU CRN-'*crn*' - Unknown LU name

**DXC2406W**

Logon rejected from LU CRN-'*crn*' - Unsupported PS profile

**DXC2407W**

Logon rejected from LU CRN-'*crn*' - Display width not 80 columns

**DXC2408W**

Logon rejected from LU CRN-'*crn*' - Requested by installation exit

**DXC2409W**

Logon rejected from LU CRN-'*crn*' - Incompatible PS profile

**DXC2410W**

Logon rejected from LU CRN-'*crn*' - No session available

**DXC2411W**

Logon rejected from LU CRN-'*crn*' - Response bind unacceptable

**DXC2412W**  
X25PVC XCRN-'*crn*' unknown terminal address TA-'*ta*'

**DXC2413W**  
SLC link CRN-'*crn*' unknown HEX-'*hex*' TCID-'*tcid*' IA-'*ia*' TA-'*ta*'

**DXC2414W**  
ALCI LU CRN-'*crn*' unknown LEID-'*leid*'

**DXC2415W**  
APPC/MVS re-identify failure

**DXC2416I**  
APPC/MVS APPC-LU LUN-'*luname*' deactivated

**DXC2417I**  
APPC/MVS APPC-LU LUN-'*luname*' activated

**DXC2418E**  
APPC/MVS define TP-ID failure

**DXC2419E**  
VTAM request to release LU LUN-'*luname*' rejected - LU not VTAM 3270 printer

**DXC2420E**  
VTAM request to release LU LUN-'*luname*' rejected - Unknown LU name

**DXC2421E**  
LU LUN-'*luname*' logged off - Timeout expired

**DXC2422W**  
NetView unknown CRN-'*crn*'

**DXC2490I**  
CT-'*cras\_type*' CRAS is now on CRN-'*crn*' CRI-'*cri*'  
CRAS status was CT2-'*old\_cras\_type*' - Changed by ALCS

**DXC2501E**  
No fallback available for Prime CRAS CRN-'*crn*'

**DXC2502W**  
CRI-'*cri*' CRN-'*crn*' RC-'*rr*' FB2-'*ff*' SC-'*ssmmuuuu*' - Negative response received

**DXC2503W**  
CRI-'*cri*' CRN-'*crn*' RC-'*rr*' FB2-'*ff*' SC-'*ssmmuuuu*' - Non-zero RTNCD/FDBK2 received

**DXC2504W**  
CRI-'*cri*' CRN-'*crn*' RC-'*rr*' FB2-'*ff*' SC-'*ssmmuuuu*' - Non-zero RTNCD/FDBK2 received

**DXC2505W**  
CRI-'*cri*' CRN-'*crn*' RC-'*rr*' FB2-'*ff*' SC-'*ssmmuuuu*' - Non-zero RTNCD/FDBK2 received

**DXC2508W**  
CRI-'*cri*' CRN-'*crn*' RC-'*rr*' FB2-'*ff*' SC-'*ssmmuuuu*' - Non-zero RTNCD/FDBK2 received

**DXC2510W**  
CRI-'*cri*' CRN-'*crn*' RC-'*rr*' FB2-'*ff*' SC-'*ssmmuuuu*' - Non-zero RTNCD/FDBK2 received

**DXC2511W**  
CRI-'*cri*' CRN-'*crn*' SC-'*ssmmuuuu*' LEID-'*leid*' - ALCI - Sense data received

**DXC2512W**  
CRI-'*cri*' CRN-'*crn*' RC-'*rr*' FB2-'*ff*' SC-'*ssmmuuuu*' - Non-zero RTNCD/FDBK2 received

**DXC2513W**  
CRI-'*cri*' BATAP retry limit exceeded

**DXC2514E**  
CRI-'*cri*' BATAP lockout

**DXC2515I**  
CRI-'*cri*' BATAP connected

**DXC2516W**  
CRI-'*cri*' BATAP disconnected

**DXC2517I**  
CRN-'*crn*' KCN-'*kcn*' line out of service

**DXC2518I**  
CRN-'*crn*' link in control state - Data suspended

**DXC2519W**  
CRN-'*crn*' lost AML for message label LBL-'*mm*' type MT-'*t*'

**DXC2520W**  
CRN-'*crn*' KCN-'*kcn*' LCB received with illogical or reset ATSI

**DXC2521I**  
CRN-'*crn*' KCN-'*kcn*' line in service

**DXC2522I**  
CRN-'*crn*' data transmission restarted

**DXC2523I**  
CRN-'*crn*' stop all received

**DXC2524I**  
CRN-'*crn*' KCN-'*kcn*' stop received

**DXC2525I**  
CRN-'*crn*' link down

**DXC2528I**  
CRN-'*crn*' resume all received

**DXC2529W**  
CRN-'*crn*' block found after block with last block set - Type MT-'*t*'

**DXC2530W**  
CRN-'*crn*' incomplete type MT-'*t*' message received

**DXC2531W**  
CRN-'*crn*' type MT-'*t*' output MBI exhaustion

**DXC2532W**  
CRN-'*crn*' KCN-'*kcn*' invalid LCB received - LSI-'*lsi*'

**DXC2533W**  
CRN-'*crn*' KCN-'*kcn*' lost ETB

**DXC2534W**  
CRN-'*crn*' KCN-'*kcn*' lost DLE

**DXC2535W**  
CRN-'*crn*' message received with invalid MBI - MBI-'*mbi*'

**DXC2536W**  
CRN-'*crn*' KCN-'*kcn*' line in loop

**DXC2537I**  
CRN-'*crn*' all channels non-functioning - Cycled down

**DXC2538W**  
CRN-'*crn*' KCN-'*kcn*' EIB-'*eib*' received on LCB

**DXC2539W**  
CRN-'*crn*' KCN-'*kcn*' short block received - X'*hex\_data*'

**DXC2540W**  
CRN-'*crn*' KCN-'*kcn*' AML received for unused MBI-'*mm*'

**DXC2543W**  
CRN-'*crn*' KCN-'*kcn*' block received not LCB or LDB - X'*hex\_data*'

**DXC2544W**  
CRN-'*crn*' KCN-'*kcn*' repeated NAK received and discarded - X'*hex\_data*'

**DXC2545I**

CRN-'*crn*' no messages received during previous 15 mins

**DXC2546I**

CRN-'*crn*' no messages sent during previous 15 mins

**DXC2547I**

SLC send side error - Recovered - KCN-'*kcn*' LINK CRN-'*crn*' OP-'*oo*' SC-'*ss*' CC-'*cc*' CSW-'*csw*'

**DXC2548W**

SLC send side error - Line closed - KCN-'*kcn*' LINK CRN-'*crn*' OP-'*oo*' SC-'*ss*' CC-'*cc*' CSW-'*csw*'

**DXC2549I**

SLC receive side error - Recovered - KCN-'*kcn*' LINK CRN-'*crn*' OP-'*oo*' SC-'*ss*' CC-'*cc*' CSW-'*csw*'

**DXC2550W**

SLC receive side error - Line closed - KCN-'*kcn*' LINK CRN-'*crn*' OP-'*oo*' SC-'*ss*' CC-'*cc*' CSW-'*csw*'

**DXC2551E**

Invalid action code ACT-'*x*' in emergency exit

**DXC2552E**

No response from link CRN-'*crn*'

**DXC2553E**

No response from printer CRN-'*crn*'

**DXC2554A**

VTAM operator has issued halt - Halt ALCS with 'ZASYS HALT' command

**DXC2555I**

Test message - Please ignore

**DXC2650E**

Sequential file *seq* I/O error  
*dev,ty,ddname,operation,error,address,BSAM*  
DSN-'*data\_set\_name*'  
VS-'*volume\_serial*'

**DXC2750W**

Attempted access to unavailable general file NR-'*gf\_number*' - Program PN-'*name*'

**DXC2751I**

DASD data set allocated,  
Volume VS-'*volume\_serial*',  
DSN-'*data\_set\_name*'

**DXC2752I**

DASD data set copy complete,  
Volume VS-'*volume\_serial*',  
DSN-'*data\_set\_name*'

**DXC2753E**

DASD data set copy failed - Data set offline,  
Volume VS-'*volume\_serial*',  
DSN-'*data\_set\_name*'

**DXC2754E**

DASD data set copy failed - I/O error,  
Volume VS-'*volume\_serial*',  
DSN-'*data\_set\_name*'

**DXC2755E**

DASD data set deallocated - Too many I/O errors,  
Volume VS-'*volume\_serial*',  
DSN-'*data\_set\_name*'

**DXC2756I**

DASD data set deallocated - ZDASD VARY request,  
Volume VS-'*volume\_serial*',

DSN-'*data\_set\_name*'

**DXC2757E**

DASD *operation* error, FA-'*file\_address*', ID-'*record\_id*',  
RRN-'*relative\_record\_number*',  
RBA-'*relative\_byte\_address*',  
CCHHR-'*cylinder/head/record*',  
Volume VS-'*volume\_serial*',  
DSN-'*data\_set\_name*'

**DXC2758W**

PT-'*pool\_type*' pool dispense rate is NR-'*number\_of\_records*' per second

**DXC2759W**

PT-'*pool\_type*' pool recycled HH-'*hhh*' hours MM-'*mm*' minutes before recycle due

**DXC2760W**

PT-'*pool\_type*' pool will be depleted within HH-'*hh*' hours

**DXC2875W**

CTKB replaced - *reason*

**DXC2900I**

ALCS connected to DB2 subsystem SBS-'*ssnm*'

**DXC2901I**

ALCS disconnected from DB2 subsystem SBS-'*ssnm*'

**DXC2902I**

MVS operator has started DB2 subsystem

**DXC2903I**

MVS operator has stopped DB2 subsystem

**DXC2904E**

DB2 subsystem has terminated abnormally

**DXC2905E**

DB2 connection failure -  
Subsystem SBS-'*ssnm*' Return code RC-'*X'return\_code*' Reason code RSC-'*X'reason\_code*'

**DXC2906E**

DB2 disconnection failure -  
Subsystem SBS-'*ssnm*' Return code RC-'*X'return-code*' Reason code RSC-'*X'reason-code*'

**DXC2907E**

DB2 open failure -  
Application plan PLN-'*plan*' Return code RC-'*X'return-code*' Reason code RSC-'*X'reason-code*'

**DXC2908E**

DB2 close failure -  
Application plan PLN-'*plan*' Return code RC-'*X'return-code*' Reason code RSC-'*X'reason-code*'

**DXC2909E**

DB2 SQL call failure - Return code RC-'*X'return\_code*' Reason code RSC-'*X'reason\_code*'

**DXC9000I**

Task TSK-'*task\_id*' - DXCPPI active

**DXC9001W**

Task TSK-'*task\_id*' - DXCPPI terminated

**DXC9002I**

Task TSK-'*task\_id*' - DXCPPI initialized

**DXC9003E**

Task TSK-'*task\_id*' - Request type RQT-'*request\_type*' failed with return code RC-'*return\_code*'

**DXC9004E**

Task TSK-'*task\_id*' - Generic alert was lost with return code RC-'*return\_code*'

**DXC9005E**

Task TSK-'*task\_id*' - DXCPPI internal logic error

**DXC9006E**

Task TSK-'*task\_id*' - AMOTLIST omitted or invalid

**DXC9007E**

Task TSK-'*task-id*' - Message for TA-'*ta*' was lost with return code RC-'*return\_code*'

# Acronyms and abbreviations

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The following acronyms and abbreviations are used in books of the ALCS Version 2 library. Not all are necessarily present in this book.

**AAA**

agent assembly area

**ACB**

VTAM access method control block

**ACF**

Advanced Communications Function

**ACF/NCP**

Advanced Communications Function for the Network Control Program, usually referred to simply as "NCP"

**ACF/VTAM**

Advanced Communications Function for the Virtual Telecommunication Access Method, usually referred to simply as "VTAM"

**ACK**

positive acknowledgment (SLC LCB)

**ACP**

Airline Control Program

**AID**

IBM 3270 attention identifier

**AIX®**

Advanced Interactive eXecutive

**ALC**

airlines line control

**ALCI**

Airlines Line Control Interconnection

**ALCS/MVS/XA**

Airline Control System/MVS/XA

**ALCS/VSE**

Airline Control System/Virtual Storage Extended

**ALCS V2**

Airline Control System Version 2

**AML**

acknowledge message label (SLC LCB)

**AMS**

access method services

**AMSG**

AMSG application message format

**APAR**

authorized program analysis report

**APF**

authorized program facility

**API**

application program interface

**APPC**

advanced program-to-program communications

**ARINC**  
Aeronautical Radio Incorporated

**ASCU**  
agent set control unit (SITA), a synonym for "terminal control unit"

**AT&T**  
American Telephone and Telegraph Co.

**ATA**  
Air Transport Association of America

**ATSN**  
acknowledge transmission sequence number (SLC)

**BATAP**  
Type B application-to-application program

**BSC**  
binary synchronous communication

**C**  
C programming language

**CAF**  
Call Attach Facility

**CCW**  
channel command word

**CDPI**  
clearly differentiated programming interface

**CEC**  
central electronic complex

**CEUS**  
communication end-user system

**CI**  
VSAM control interval

**CICS**  
Customer Information Control System

**CLIST**  
command list

**CMC**  
communication management configuration

**CML**  
clear message label (synonym for AML)

**COBOL**  
COmmon Business Oriented Language

**CPI - C**  
Common Programming Interface - Communications

**CPU**  
central processing unit

**CRAS**  
computer room agent set

**CRI**  
communication resource identifier

**CRN**  
communication resource name

**CSA**  
common service area

**CSECT**  
control section

**CSID**  
cross system identifier

**CSW**  
channel status word

**CTKB**  
Keypoint record B

**CTL**  
control system error

**CUA**  
Common User Access

**DASD**  
direct access storage device

**DBCS**  
double-byte character set

**DBRM**  
DB2 database request module

**DB2**  
IBM DB2 for z/OS (refers to DB2)

**DCB**  
data set control block

**DECB**  
ALCS data event control block

**DF**  
delayed file record

**DFDSS**  
Data Facility Data Set Services

**DFHSM**  
Data Facility Hierarchical Storage Manager

**DFP**  
Data Facility Product

**DFSMS**  
Data Facility Storage Management Subsystem

**DFT**  
distributed function terminal

**DIX**  
delete item index

**DRIL**  
data record information library

**DSI**  
direct subsystem interface

**DSECT**  
dummy control section

**DTP**  
ALCS diagnostic file processor

**EBCDIC**  
extended binary-coded decimal interchange code

**ECB**  
ALCS entry control block

**EIB**  
error index byte

**EID**  
event identifier

**EJB**  
Enterprise Java Bean

**ENQ**  
enquiry (SLC LCB)

**EOF**  
end of file

**EOM**  
end of message

**EOI**  
end of message incomplete

**EOP**  
end of message pushbutton

**EOU**  
end of message unsolicited

**EP**  
Emulation Program

**EP/VS**  
Emulation Program/VS

**ETX**  
end of text

**EvCB**  
MVS event control block

**EXCP**  
Execute Channel Program

**FACE**  
file address compute

**FIFO**  
first-in-first-out

**FI**  
file immediate record

**FM**  
function management

**FMH**  
function management header

**GB**  
gigabyte (1 073 741 824 bytes)

**GDS**  
general data set

**GFS**  
get file storage (called pool file storage in ALCS)

**GMT**  
Greenwich Mean Time

**GTF**  
generalized trace facility (MVS)

**GUPI**  
general-use programming interface

**HEN**  
high-level network entry address

**HEX**  
high-level network exit address

**HFS**  
Hierarchical File System

**HLASM**  
High Level Assembler

**HLL**  
high-level language

**HLN**  
high-level network

**HLS**  
high-level system (for example, SITA)

**HTTP**  
Hypertext Transfer Protocol

**IA**  
interchange address

**IASC**  
International Air Transport Solution Centre

**IATA**  
International Air Transport Association

**IATA5**  
ATA/IATA transmission code 5

**IATA7**  
ATA/IATA transmission code 7

**ICF**  
integrated catalog facility

**ICSF**  
Integrated Cryptographic Service Facility

**ID**  
identifier

**ILB**  
idle (SLC LCB)

**IMA**  
BATAP acknowledgement

**IMS**  
Information Management System

**IMSG**  
IMSG input message format

**I/O**  
input/output

**IOCB**  
I/O control block

**IP**  
Internet Protocol

**IPARS**  
International Programmed Airlines Reservation System

**IPCS**  
Interactive Problem Control System

**IPL**  
initial program load

**ISA**  
initial storage allocation

**ISC**  
intersystem communication

**ISO/ANSI**  
International Standards Organization/American National Standards Institute

**ISPF**  
Interactive System Productivity Facility

**ISPF/PDF**  
Interactive System Productivity Facility/Program Development Facility

**ITA2**  
International Telegraph Alphabet number 2

**JCL**  
job control language

**JES**  
job entry subsystem

**JNDI**  
Java Naming and Directory Interface

**JSON**  
JavaScript Object Notation

**KB**  
kilobyte (1024 bytes)

**KCN**  
link channel number (SLC)

**KSDS**  
VSAM key-sequenced data set

**LAN**  
local area network

**LCB**  
link control block (SLC)

**LDB**  
link data block (SLC)

**LDI**  
local DXCREI index

**LEID**  
logical end-point identifier

**LE**  
Language Environment

**LICRA**  
Link Control - Airline

**LMT**  
long message transmitter

**LN**  
line number (ALCS/VSE and TPF terminology)

**LN/ARID**  
line number and adjusted resource identifier (ALCS/VSE terminology)

**LSET**  
Load set

**LSI**  
link status identifier (SLC)

**LU**  
logical unit

**LU 6.2**  
Logical Unit 6.2

**MATIP**  
Mapping of airline traffic over IP

**MB**  
megabyte (1 048 576 bytes)

**MBI**  
message block indicator (SLC)

**MCHR**  
module/cylinder/head/record

**MESW**  
message switching

**MNOTE**  
message note

**MQI**  
Message Queueing Interface

**MQM**  
Message Queue Manager

**MSNF**  
Multisystem Networking Facility

**MVS**  
Multiple Virtual Storage (refers to MVS) (refers to both MVS/XA and MVS/ESA, and also to OS/390 and z/OS)

**MVS/DFP**  
Multiple Virtual Storage/Data Facility Product

**MVS/ESA**  
Multiple Virtual Storage/Enterprise System Architecture

**MVS/XA**  
Multiple Virtual Storage/Extended Architecture

**NAB**  
next available byte

**NAK**  
negative acknowledgment (SLC LCB)

**NCB**  
network control block (SLC)

**NCP**  
Network Control Program (refers to ACF/NCP)

**NCP/VS**  
Network Control Program/Virtual Storage.

**NEF**  
Network Extension Facility

**NEF2**  
Network Extension Facility 2

**NPDA**  
Network Problem Determination Application

**NPSI**  
Network Control Program packet switching interface

**NTO**  
Network Terminal Option

**OCR**  
one component report

**OCTM**  
online communication table maintenance

**OLA**  
optimized local adapters

**OMSG**  
OMSG output message format

**OPR**  
operational system error

**OSID**  
other-system identification

**OS/2**  
IBM Operating System/2®

**PARS**  
Programmed Airlines Reservation System

**PDF**  
parallel data field (refers to NCP)

**PDM**  
possible duplicate message

**PDS**  
partitioned data set

**PDSE**  
partitioned data set extended

**PDU**  
pool directory update

**PER**  
program event recording

**PFDR**  
pool file directory record

**PL/I**  
programming language one

**PLM**  
purge long message (name of ALCS/VSE and TPF general tape)

**PLU**  
primary logical unit

**PNL**  
passenger name list

**PNR**  
passenger name record

**PP**  
IBM program product

**PPI**  
program-to-program interface

**PPMSG**  
program-to-program message format

**PPT**  
program properties table

**PR**  
permanently resident record

**PRC**  
prime computer room agent set

**PRDT**  
physical record (block) descriptor table

**PRPQ**  
programming request for price quotation

**PR/SM**  
Processor Resource/Systems Manager

**PS**  
VTAM presentation services

**PSPI**  
product sensitive programming interface

**PSW**  
program status word

**PTF**  
program temporary fix

**PTT**  
Post Telephone and Telegraph Administration

**PU**  
physical unit

**PVC**  
permanent virtual circuit

**QSAM**  
queued sequential access method

**RACF**  
resource access control facility

**RB**  
request block

**RBA**  
relative byte address

**RCC**  
record code check

**RCPL**  
routing control parameter list

**RCR**  
resource control record

**RCS**  
regional control center

**RDB**  
Relational Database

**RDBM**  
Relational Database Manager

**REI**  
resource entry index

**RLT**  
record locator table

**RMF**  
Resource Measurement Facility

**RO CRAS**  
receive-only computer room agent set

**RON**  
record ordinal number

**RPL**  
VTAM request parameter list

**RPQ**  
request for price quotation

**RSM**  
resume (SLC LCB)

**RTM**  
recovery and termination management

**RU**  
request unit

**SAA**  
Systems Application Architecture®

**SAL**  
system allocator list (TPF terminology)

**SAM**  
sequential access method

**SDLC**  
Synchronous Data Link Control

**SDMF**  
standard data and message file

**SDSF**  
System Display and Search Facility

**SDWA**  
system diagnostic work area

**SI**  
DBCS shift in

**SITA**  
Société Internationale de Télécommunications Aéronautiques

**SLC**  
ATA/IATA synchronous link control

**SLIP**  
serviceability level indication processing

**SLN**  
symbolic line number

**SLR**  
Service Level Reporter

**SLU**  
secondary logical unit

**SMP/E**  
System Modification Program Extended

**SNA**  
Systems Network Architecture

**SO**  
DBCS shift out

**SON**  
system ordinal number

**SQA**  
system queue area

**SQL**  
Structured Query Language

**SQLCA**  
SQL Communication Area

**SQLDA**  
SQL Descriptor Area

**SRB**  
service request block

**SRG**  
statistical report generator

**SRM**  
System Resource Manager

**STC**  
system test compiler

**STP**  
stop (SLC LCB)

**STV**  
system test vehicle

**SWB**  
service work block

**SYN**  
character synchronization character

**TA**  
terminal address

**TAS**  
time available supervisor

**TCB**  
task control block

**TCID**  
terminal circuit identity

**TCP/IP**  
Transmission Control Protocol / Internet Protocol

**TI**  
time-initiated record

**TOD**  
time of day

**TPF**  
Transaction Processing Facility

**TPF/APPC**  
Transaction Processing Facility/Advanced Program to Program Communications

**TPF/DBR**  
Transaction Processing Facility/Data Base Reorganization

**TPFDF**  
TPF Database Facility

**TPF/MVS**  
Transaction Processing Facility/MVS (alternative name for ALCS V2)

**TP\_ID**  
transaction program identifier

**TSI**  
transmission status indicator

**TSN**  
transmission sequence number

**TSO**  
time-sharing option

**TSO/E**  
Time Sharing Option Extensions

**TUT**  
test unit tape (sequential file)

**UCB**  
unit control block

**UCTF**  
Universal Communications Test Facility

**VFA**  
virtual file access

**VIPA**  
virtual IP address

**VM**  
virtual machine

**VM/CMS**  
virtual machine/conversational monitor system

**VS**  
virtual storage

**VSAM**  
virtual storage access method

**VSE**  
Virtual Storage Extended

**VSE/AF**  
Virtual Storage Extended/Advanced Function

**VSE/VSAM**  
Virtual Storage Extended/Virtual Storage Access Method

**VTAM**  
Virtual Telecommunications Access Method (refers to

**VTOC**  
volume table of contents

**WAS**  
WebSphere Application Server (refers to WebSphere)

**WSF**  
Write Structured Field

**WTTY**  
World Trade Teletypewriter

**XMSG**  
XMSG message switching message format

**XREF**  
ALCS cross referencing facility

# Glossary

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## Notes:

1. Acronyms and abbreviations are listed separately from this Glossary. See [“Acronyms and abbreviations”](#) on page 462.
2. For an explanation of any term not defined here, see the IBM *Dictionary of Computing*.

## A

### **AAA hold**

See terminal hold.

### **abnormal end of task (abend)**

Termination of a task before its completion because of an error condition that cannot be resolved by recovery facilities while the task is executing.

### **access method services (AMS)**

A utility program that defines VSAM data sets (or files) and allocates space for them, converts indexed sequential data sets to key-sequenced data sets with indexes, modifies data set attributes in the catalog, facilitates data set portability between operating systems, creates backup copies of data sets and indexes, helps make inaccessible data sets accessible, and lists data set records and catalog entries.

### **activity control variable**

A parameter that ALCS uses to control its workload. The system programmer defines activity control variables in the ALCS system configuration table generation.

### **Advanced Communications Function for the Network Control Program (ACF/NCP)**

An IBM licensed program that provides communication controller support for single-domain, multiple-domain, and interconnected network capability.

### **Advanced Program-to-Program Communications (APPC)**

A set of inter-program communication services that support cooperative transaction processing in an SNA network. APPC is the implementation, on a given system, of SNA's logical unit type 6.2 (LU 6.2). See APPC component and APPC transaction scheduler.

### **Aeronautical Radio Incorporated (ARINC)**

An organization which provides communication facilities for use within the airline industry.

### **agent assembly area (AAA)**

A fixed-file record used by IPARS applications. One AAA record is associated with each terminal and holds data that needs to be kept beyond the life of an entry. For example, to collect information from more than one message.

### **agent set**

Synonym for communication terminal.

### **agent set control unit (ASCU)**

Synonym for terminal interchange.

### **Airline Control Program (ACP)**

An earlier version of the IBM licensed program Transaction Processing Facility (TPF).

### **Airline Control System (ALCS)**

A transaction processing platform providing high performance, capacity, and availability, that runs specialized (typically airline) transaction processing applications.

### **Airline Control System/Multiple Virtual Storage/Extended Architecture (ALCS/MVS/XA)**

An ALCS release designed to run under an MVS/XA operating system.

### **Airline Control System Version 2 (ALCS V2)**

An ALCS release designed to run under a z/OS operating system.

**Airline Control System/Virtual Storage Extended (ALCS/VSE)**

An ALCS release designed to run under a VSE/AF operating system.

**airlines line control (ALC)**

A communication protocol particularly used by airlines.

**Airlines Line Control Interconnection (ALCI)**

A feature of Network Control Program (NCP) that allows it to manage ALC networks in conjunction with a request for price quotation (RPQ) scanner for the IBM 3745 communication controller.

**Airline X.25 (AX.25)**

A discipline conforming to the ATA/IATA AX.25 specification in the ATA/IATA publication *ATA/IATA Interline Communications Manual*, ATA/IATA document DOC.GEN 1840. AX.25 is based on X.25 and is intended for connecting airline computer systems to SITA or ARINC networks.

**ALCS command**

A command addressed to the ALCS system. All ALCS commands start with the letter Z (they are also called "Z messages") and are 5 characters long.

These commands allow the operator to monitor and control ALCS. Many of them can only be entered from CRAS terminals. ALCS commands are called "functional messages" in TPF.

**ALCS data collection file**

A series of sequential data sets to which ALCS writes performance-related data for subsequent processing by the statistical report generator or other utility program. See also data collection and statistical report generator.

**ALCS diagnostic file**

A series of sequential data sets to which the ALCS monitor writes all types of diagnostic data for subsequent processing by the diagnostic file processor.

**ALCS diagnostic file processor**

An offline utility, often called the "post processor", that reads the ALCS diagnostic file and formats and prints the dump, trace, and system test vehicle (STV) data that it contains.

**ALCS entry dispatcher**

The ALCS online monitor's main work scheduler. Often called the "CPU loop".

**ALCS offline program**

An ALCS program that runs as a separate MVS job (not under the control of the ALCS online monitor).

**ALCS online monitor**

The part of ALCS that performs the services for the ECB-controlled programs and controls their actions.

**ALCS trace facility**

An online facility that monitors the execution of application programs. When it meets a selected monitor-request macro, it interrupts processing and sends selected data to an ALCS display terminal, to the ALCS diagnostic file, or to the system macro trace block. See also instruction step.

The ALCS trace facility also controls tracing to the MVS generalized trace facility (GTF), for selected VTAM communication activity, and controls tracing of input and output messages to a (wrap around) online trace area for selected communication resources.

**ALCS update log file**

A series of sequential data sets in which the ALCS monitor records changes to the real-time database.

**ALCS user file**

A series of sequential data sets to which you may write all types of diagnostic data for subsequent processing by an offline processor. You write the data from an installation-wide monitor exit using the callable service UWSEQ.

**allocatable pool**

The ALCS record class that includes all records on the real-time database. Within this class, there is one record type for each DASD record size.

The allocatable pool class is special in that ALCS itself can dispense allocatable pool records and use them for other real-time database record classes. For example, all fixed-file records are also allocatable pool records (they have a special status of "in use for fixed file").

When ALCS is using type 2 long-term pool dispense, ALCS satisfies requests for long-term pool by dispensing available allocatable pool records.

See DASD record, real-time database, record class, and record type.

**alternate CRAS**

A computer room agent set (CRAS) that is not Prime CRAS or receive only CRAS. See computer room agent set, Prime CRAS, and receive only CRAS.

**alternate CRAS printer**

A CRAS printer that is not receive only CRAS. See CRAS printer and receive only CRAS.

**answerback**

A positive acknowledgement (ACK) from an ALC printer.

**APPC component**

The component of MVS that is responsible for extending LU 6.2 and SAA CPI Communications services to applications running in any MVS address space. Includes APPC conversations and scheduling services.

**APPC transaction scheduler**

A program such as ALCS that is responsible for scheduling incoming work requests from cooperative transaction programs.

**application plan**

See DB2 application plan.

**application**

A group of associated application programs that carry out a specific function.

**application global area**

An area of storage in the ALCS address space containing application data that any entry can access.

The application global area is subdivided into keypointable and nonkeypointable records. Keypointable records are written to the database after an update; nonkeypointable records either never change, or are reinitialized when ALCS restarts.

C programs refer to global records and global fields within the application global area.

**application program**

A program that runs under the control of ALCS. See also ECB-controlled program.

**application program load module**

In ALCS, a load module that contains one or more application programs.

**application queue**

In message queuing with ALCS, any queue on which application programs put and get messages using MQI calls.

**assign**

Allocate a general sequential file to an entry. The TOPNC monitor-request macro (or equivalent C function) opens and allocates a general sequential file. The TASNC monitor-request macro (or equivalent C function) allocates a general sequential file that is already open but not assigned to an entry (it is reserved).

**associated resource**

Some ALCS commands generate output to a printer (for example, ZDCOM prints information about a communication resource). For this type of command the printed output goes to the associated resource; that is, to a printer associated with the originating display. There is also a response to the originating display that includes information identifying the associated resource.

**asynchronous trace**

One mode of operation of the ALCS trace facility. Asynchronous trace is a conversational trace facility to interactively trace entries that do not originate from a specific terminal.

**automatic storage block**

A storage block that is attached to an entry, but is not attached at a storage level. An assembler program can use the ALASC monitor-request macro to obtain an automatic storage block and BACKC monitor-request macro to release it. C programs cannot obtain automatic storage blocks.

**B****backward chain**

The fourth fullword of a record stored on the ALCS database, part of the record header. See chaining of records.

When standard backward chaining is used, this field contains the file address of the previous record in the chain, except that the first record contains the file address of the last record in the chain. (If there is only one record, the backward chain field contains zeros.)

**balanced path**

A path where no single component (channel, DASD director or control unit, head of string, and internal path to the DASD device) is utilized beyond the limits appropriate to the required performance.

**bar**

In the MVS 64-bit address space, a virtual line called the bar marks the 2-gigabyte address. The bar separates storage below the 2-gigabyte address, called **below the bar**, from storage above the 2-gigabyte address, called **above the bar**.

**BATAP**

Type B application-to-application program

**Binary Synchronous Communication (BSC)**

A form of telecommunication line control that uses a standard set of transmission control characters and control character sequences, for binary synchronous transmission of binary-coded data between stations.

**bind**

See DB2 bind

**BIND**

In SNA, a request to activate a session between two logical units (LUs). The BIND request is sent from a primary LU to a secondary LU. The secondary LU uses the BIND parameters to help determine whether it will respond positively or negatively to the BIND request.

**binder**

The program that replaces the linkage editor and batch loader programs that were provided with earlier versions of MVS.

**BIND image**

In SNA, the set of fields in a BIND request that contain the session parameters.

**block**

See storage block.

**C****catastrophic**

A type of system error that results in the termination of ALCS.

**chain-chase**

See Recoup.

**chaining of records**

One record can contain the file address of another (usually a pool-file record). The addressed record is said to be chained from the previous record. Chains of records can contain many pool-file records. See forward chain and backward chain.

**class**

See record class.

**clearly differentiated programming interfaces (CDPI)**

A set of guidelines for developing and documenting product interfaces so that there is clear differentiation between interfaces intended for general programming use (GUPIs) and those intended for other specialized tasks.

**close**

Close a sequential file data set (MVS CLOSE macro) and deallocate it from ALCS. For general sequential files this is a function of the TCLSC monitor-request macro (or equivalent C function). ALCS automatically closes other sequential files at end-of-job.

**command**

See ALCS command.

**command list (CLIST)**

A sequential list of commands, control statements, or both, that is assigned a name. When the name is invoked the commands in the list are executed.

**commit**

An operation that terminates a unit of recovery. Data that was changed is now consistent.

**common entry point (CEP)**

A function in the Transaction Processing Facility Database Facility (TPPDF) product that provides common processing for all TPDF macro calls issued by ALCS application programs. It also provides trace facilities for TPDF macro calls.

**Common Programming Interface - Communications (CPI-C)**

The communication element of IBM Systems Application Architecture (SAA). CPI-C provides a programming interface that allows program-to-program communication using the IBM SNA logical unit 6.2.

**Common User Access**

Guidelines for the dialog between a user and a workstation or terminal.

**communication management configuration (CMC)**

A technique for configuring a network that allows for the consolidation of many network management functions for the entire network in a single host processor.

**communication resource**

A communication network component that has been defined to ALCS. These include each terminal on the network and other network components that ALCS controls directly (for example, SLC links). Resources can include, for example:

- SNA LUs (including LU 6.1 links)
- ALC terminals
- SLC and WTTY links
- Applications.

**communication resource identifier (CRI)**

A 3-byte field that uniquely identifies an ALCS communication resource. It is equivalent to the LN/IA/TA in TPF and the LN/ARID in ALCS/VSE. ALCS generates a CRI for each resource.

**communication resource name (CRN)**

A 1- to 8-character name that uniquely identifies an ALCS communication resource. For SNA LUs, it is the LU name. The system programmer defines the CRN for each resource in the ALCS communication generation.

**communication resource ordinal**

A unique number that ALCS associates with each communication resource. An installation can use the communication resource ordinal as a record ordinal for a particular fixed-file record type. This uniquely associates each communication resource with a single record.

For example, IPARS defines a fixed-file record type (#WAARI) for AAA records. Each communication resource has its own AAA record - the #WAARI record ordinal is the communication resource ordinal. See also record ordinal and agent assembly area.

**compiler**

A program that translates instructions written in a high level programming language into machine language.

**computer room agent set (CRAS)**

An ALCS terminal that is authorized for the entry of restricted ALCS commands.

Prime CRAS is the primary terminal that controls the ALCS system. Receive Only CRAS (RO CRAS) is a designated printer or NetView operator identifier to which certain messages about system function and progress are sent.

**configuration data set**

(1) A data set that contains configuration data for ALCS. See also configuration-dependent table .

(2) The ALCS record class that includes all records on the configuration data set. There is only one record type for this class. See record class and record type.

**configuration-dependent table**

A table, constructed by the ALCS generation process, which contains configuration-dependent data. Configuration-dependent tables are constructed as conventional MVS load modules. In ALCS V2, there are separate configuration-dependent tables for:

- System data
- DASD data
- Sequential file data
- Communication data
- Application program data.

See also configuration data set.

**control byte**

The fourth byte of a record stored on the ALCS database, part of the record header. ALCS ignores this byte; some applications, however, make use of it.

**control interval (CI)**

A fixed-length area of direct access storage in which VSAM stores records. The control interval is the unit of information that VSAM transmits to or from direct access storage.

**control transfer**

The process that the ALCS online monitor uses to create a new entry and to transfer control to an ECB-controlled program.

**conversation\_ID:**

An 8-byte identifier, used in Get\_Conversation calls, that uniquely identifies a conversation. APPC/MVS returns a conversation\_ID on the CMINIT, ATBALLOC, and ATBGETC calls; a conversation\_ID is required as input on subsequent APPC/MVS calls.

**CPU loop**

See ALCS entry dispatcher.

**CRAS printer**

A computer room agent set (CRAS) that is a printer terminal. See computer room agent set.

**CRAS display**

A computer room agent set (CRAS) that is a display terminal. See computer room agent set.

**CRAS fallback**

The automatic process that occurs when the Prime CRAS or receive only CRAS becomes unusable by which an alternate CRAS becomes Prime CRAS or receive only CRAS. See also Prime CRAS, receive only CRAS, and alternate CRAS.

**create service**

An ALCS service that enables an ALCS application program to create new entries for asynchronous processing. The new ECBs compete for system resources and, once created, are not dependent or connected in any way with the creating ECB.

### **cycling the system**

The ALCS system can be run in one of four different system states. Altering the system state is called cycling the system. See SLC link for another use of the term "cycling".

## **D**

### **DASD record**

A record stored on a direct access storage device (DASD). ALCS allows the same range of sizes for DASD records as it allows for storage blocks, except no size L0 DASD records exist.

### **data collection**

An online function that collects data about selected activity in the system and sends it to the ALCS data collection file, if there is one, or to the ALCS diagnostic file. See also statistical report generator.

### **database request module (DBRM)**

A data set member created by the DB2 precompiler that contains information about SQL statements. DBRMs are used in the DB2 bind process. See DB2 bind.

### **data-collection area**

An ECB area used by the ALCS online monitor for accumulating statistics about an entry.

### **data event control block (DECB)**

An ALCS control block, that may be acquired dynamically by an entry to provide a storage level and data level in addition to the 16 ECB levels. It is part of entry storage.

The ALCS DECB is independent of the MVS control block with the same name.

### **Data Facility Storage Management Subsystem (DFSMS)**

An MVS operating environment that helps automate and centralize the management of storage. It provides the storage administrator with control over data class, management class, storage group, and automatic class selection routine definitions.

### **Data Facility Sort (DFSORT)**

An MVS utility that manages sorting and merging of data.

### **data file**

A sequential data set, created by the system test compiler (STC) or by the ZDATA DUMP command, that contains data to be loaded on to the real-time database. (An ALCS command ZDATA LOAD can be used to load data from a data file to the real-time database.) A data file created by STC is also called a "pilot" or "pilot tape".

### **data level**

An area in the ECB or a DECB used to hold the file address, and other information about a record. See ECB level and DECB level.

### **data record information library (DRIL)**

A data set used by the system test compiler (STC) to record the formats of data records on the real-time system. DRIL is used when creating data files.

### **DB2 application plan**

The control structure produced during the bind process and used by DB2 to process SQL statements encountered during program execution. See DB2 bind.

### **DB2 bind**

The process by which the output from the DB2 precompiler is converted to a usable control structure called a package or an application plan. During the process, access paths to the data are selected and some authorization checking is performed.

### **DB2 Call Attach Facility (CAF)**

An interface between DB2 and batch address spaces. CAF allows ALCS to access DB2.

### **DB2 for z/OS**

An IBM licensed program that provides relational database services.

### **DB2 host variable**

In an application program, an application variable referenced by embedded SQL statements.

**DB2 package**

Also called application package. An object containing a set of SQL statements that have been bound statically and that are available for processing. See DB2 bind.

**DB2 package list**

An ordered list of package names that may be used to extend an application plan.

**DECB level**

When an application program, running under ALCS, reads a record from a file, it must "own" a storage block in which to put the record. The address of the storage block may be held in an area of a DECB called a storage level.

Similarly, there is an area in a DECB used for holding the 8-byte file address, record ID, and record code check (RCC) of a record being used by an entry. This is a data level.

The storage level and data level in a DECB, used together, are called a DECB level.

See also ECB level.

**diagnostic file**

See ALCS diagnostic file.

**dispatching priority**

A number assigned to tasks, used to determine the order in which they use the processing unit in a multitasking situation.

**dispense (a pool-file record)**

To allocate a long-term or short-term pool-file record to a particular entry. ALCS performs this action when requested by an application program. See release a pool-file record.

**double-byte character set**

A set of characters in which each character is represented by 2 bytes. Languages such as Japanese, Chinese, and Korean, which contain more symbols than can be represented by 256 code points, require double-byte character sets.

Because each character requires 2 bytes, entering, displaying, and printing DBCS characters requires hardware and supporting software that are DBCS-capable.

**duplex**

A communication link on which data can be sent and received at the same time. Synonymous with full duplex. Communication in only one direction at a time is called "half-duplex". Contrast with simplex transmission.

**duplex database**

Synonym for duplicated database.

**duplicated database**

A database where each data set is a mirrored pair. In ALCS, you can achieve this using either ALCS facilities or DASD controller facilities (such as the IBM 3990 dual copy facility). See mirrored pair.

**dynamic program linkage**

Program linkage where the connection between the calling and called program is established during the execution of the calling program. In ALCS dynamic program linkage, the connection is established by the ALCS ENTER/BACK services. Contrast with static program linkage.

**dynamic SQL**

SQL statements that are prepared and executed within an application program while the program is executing. In dynamic SQL, the SQL source is contained in host language variables rather than being coded into the application program. The SQL statement can change several times during the application program's execution. Contrast with embedded SQL.

**E****ECB-controlled program**

A program that runs under the control of an entry control block (ECB). These programs can be application programs or programs that are part of ALCS, for example the ALCS programs that process operator commands (Z messages). ECB-controlled programs are known as E-type programs in TPF.

**ECB level**

When an application program, running under ALCS, reads a record from file, it must "own" a storage block in which to put the record. The address of the storage block may be held in an area of the ECB called a storage level.

There are 16 storage levels in the ECB. A storage block with its address in slot zero in the ECB is said to be attached on level zero.

Similarly, there are 16 areas in the ECB that may be used for holding the 4-byte file addresses, record ID, and record code check (RCC) of records being used by an entry. These are the 16 data levels.

Storage levels and data levels, used together, are called ECB levels.

See also DECB level.

**embedded SQL**

Also called static SQL. SQL statements that are embedded within an application program and are prepared during the program preparation process before the program is executed. After it is prepared, the statement itself does not change (although values of host variables specified within the statement can change). Contrast with dynamic SQL.

**Emulation Program/Virtual Storage (EP/VS)**

A component of NCP/VS that ALCS V2 uses to access SLC networks.

**ENTER/BACK**

The general term for the application program linkage mechanism provided by ALCS.

**entry**

The basic work scheduling unit of ALCS. An entry is represented by its associated entry control block (ECB). It exists either until a program that is processing that entry issues an EXITC monitor-request macro (or equivalent C function), or until it is purged from the system. An entry is created for each input message, as well as for certain purposes unrelated to transactions. One transaction can therefore generate several entries.

**entry control block (ECB)**

A control block that represents a single entry during its life in the system.

**entry dispatcher**

See ALCS entry dispatcher.

**entry macro trace block**

There is a macro trace block for each entry. Each time an entry executes a monitor-request macro (or a corresponding C function), ALCS records information in the macro trace block for the entry.

This information includes the macro request code, the name of the program that issued the macro, and the displacement in the program. The ALCS diagnostic file processor formats and prints these macro trace blocks in ALCS system error dumps.

See also system macro trace block.

**entry storage**

The storage associated with an entry. It includes the ECB for the entry, storage blocks that are attached to the ECB or DECBs, storage blocks that are detached from the ECB or DECBs, automatic storage blocks, and DECBs. It also includes heap storage (for high-level language or assembler language programs) and stack storage (for high-level language programs).

**equate**

Informal term for an assignment instruction in assembler languages.

**error index byte (EIB)**

See SLC error index byte.

**extended buffer**

A storage area above 2 GB used for large messages.

**extended message format**

For input and output messages, a message format which includes a 4-byte field for the message length.

## **Execute Channel Program (EXCP)**

An MVS macro used by ALCS V2 to interface to I/O subsystems for SLC support.

## **F**

### **fetch access**

Access which only involves reading (not writing). Compare with store access.

### **file address**

4-byte (8 hexadecimal digits) value or 8-byte value in 4x4 format (low order 4-bytes contain a 4-byte file address, high order 4 bytes contain hexadecimal zeros) that uniquely identifies an ALCS record on DASD. FIND/FILE services use the file address when reading or writing DASD records. See fixed file and pool file.

### **file address compute routine (FACE)**

An ALCS routine, called by a monitor-request macro (or equivalent C function) that calculates the file address of a fixed-file record. The application program provides the FACE routine with the fixed-file record type and the record ordinal number. FACE returns the 4-byte file address.

There is also an FAC8C monitor-request macro (or equivalent C function), that will return an 8-byte file address in 4x4 format.

## **FIND/FILE**

The general term for the DASD I/O services that ALCS provides.

### **fixed file**

An ALCS record class - one of the classes that reside on the real-time database. All fixed-file records are also allocatable pool records (they have a special status of "in use for fixed file").

Within this class there are two record types reserved for use by ALCS itself (#KPTRI and #CPRCR). There can also be installation-defined fixed-file record types.

Each fixed-file record type is analogous to a relative file. Applications access fixed-file records by specifying the fixed-file record type and the record ordinal number. Note however that fixed-file records are not physically organized as relative files (logically adjacent records are not necessarily physically adjacent).

See real-time database, record class, and record type. See also system fixed file. Contrast with pool file.

### **fixed-file record**

One of the two major types of record in the real-time database (the other is a pool-file record). When the number of records of a particular kind will not vary, the system programmer can define a fixed file record type for these records. ALCS application programs accessing fixed-file records use the ENTRC monitor-request macro to invoke the 4-byte file address compute routine (FACE or FACS) or use the FAC8C monitor-request macro to compute an 8-byte file address. The equivalent C functions are `face` or `facs` or `tpf_fac8c`.

### **fixed-file record type**

(Known in TPF as FACE ID.) The symbol, by convention starting with a hash sign (#)<sup>1</sup> which identifies a particular group of fixed-file records. It is called the fixed-file record type symbol. The equated value of this symbol (called the fixed-file record type value) also identifies the fixed-file record type.

### **forward chain**

The third fullword of a record stored on the ALCS database (part of the record header). When standard forward chaining is used, this field contains the file address of the next record in the chain, except that the last (or only) record contains binary zeros.

### **full-duplex**

Deprecated term for duplex.

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<sup>1</sup> This character might appear differently on your equipment. It is the character represented by hexadecimal 7B.

**functional message**

See ALCS command.

**G****general data set (GDS)**

The same as a general file, but accessed by different macros or C functions in ALCS programs.

**general file**

(1) A DASD data set (VSAM cluster) that is used to communicate data between offline utility programs and the online system. General files are not part of the real-time database.

(2) The ALCS record class that includes all records on the general files and general data sets. Each general file and general data set is a separate record type within this class. See record class and record type.

**general file record**

A record on a general file.

**generalized trace facility (GTF)**

An MVS trace facility. See also ALCS trace facility.

**general sequential file**

A class of sequential data set that is for input or output. ALCS application programs must have exclusive access to a general sequential file before they can read or write to it. See also real-time sequential file.

**general tape**

TPF term for a general sequential file.

**general-use programming interface (GUPI)**

An interface intended for general use in customer-written applications.

**get file storage (GFS)**

The general term for the pool file dispense mechanisms that ALCS provides.

**global area**

See application global area.

**global resource serialization**

The process of controlling access of entries to a global resource so as to protect the integrity of the resource.

**H****half-duplex**

A communication link that allows transmission in one direction at a time. Contrast with duplex.

**halt**

(1) The ALCS state when it is terminated.

(2) The action of terminating ALCS.

**heap**

An area of storage that a compiler uses to satisfy requests for storage from a high-level language (for example, `calloc` or `malloc` C functions). ALCS provides separate heaps for each entry (if needed). The heap is part of entry storage. Assembler language programs may also obtain or release heap storage using the `CALOC`, `MALOC`, `RALOC`, and `FREEC` monitor-request macros.

**High Level Assembler (HLASM)**

A functional replacement for Assembler H Version 2. HLASM contains new facilities for improving programmer productivity and simplifying assembler language program development and maintenance.

**high-level language (HLL)**

A programming language such as C or COBOL.

**high-level language (HLL) storage unit**

Alternative name for a type 2 storage unit. See storage unit.

**high-level network (HLN)**

A network that provides transmission services between transaction processing systems (for example, ALCS) and terminals. Strictly, the term "high-level network" applies to a network that connects to transaction processing systems using SLC. But in ALCS publications, this term is also used for a network that connects by using AX.25 or MATIP.

**high-level network designator (HLD)**

The entry or exit point of a block in a high-level network. For SLC networks, it is the SLC address of a switching center that is part of a high-level network. It comprises two bytes in the 7-bit transmission code used by SLC.

**HLN entry address (HEN)**

The high-level designator of the switching center where a block enters a high-level network.

**HLN exit address (HEX)**

The high-level designator of the switching center where a block leaves a high-level network.

**hold**

A facility that allows multiple entries to share data, and to serialize access to the data. The data can be a database record, or any named data resource. This facility can be used to serialize conflicting processes. See also record hold and resource hold.

**host variable**

See DB2 host variable

**HTTP enabler**

Part of the z/OS Client Web Enablement Toolkit which provides RESTful services enabling a z/OS application HTTP client to access Web services.

**I****information block**

See SLC link data block.

**initial storage allocation (ISA)**

An area of storage acquired at initial entry to a high-level language program. ALCS provides a separate ISA for each entry (if required). The ISA is part of entry storage.

**initiation queue**

In message queuing, a local queue on which the queue manager puts trigger messages. You can define an initiation queue to ALCS, in order to start an ALCS application automatically when a trigger message is put on the queue. See trigger message.

**input/output control block (IOCB)**

A control block that represents an ALCS internal "task". For example, ALCS uses an IOCB to process a DASD I/O request.

**input queue**

In message queuing with ALCS, you can define a local queue to ALCS in order to start an ALCS application automatically when a message is put on that queue. ALCS expects messages on the input queue to be in PPMMSG message format. See PPMMSG.

**installation-wide exit**

The means specifically described in an IBM software product's documentation by which an IBM software product may be modified by a customer's system programmers to change or extend the functions of the IBM software product. Such modifications consist of exit routines written to replace an existing module of an IBM software product, or to add one or more modules or subroutines to an IBM software product for the purpose of modifying (including extending) the functions of the IBM software product. Contrast with user exit.

**instruction step**

One mode of operation of the ALCS trace facility. Instruction step is a conversational trace facility that stops the traced application program before the execution of each processor instruction.

**Integrated Cryptographic Service Facility (ICSF)**

A facility on z/OS that provides data encryption and decryption services.

**Interactive System Productivity Facility (ISPF)**

An IBM licensed program that serves as a full-screen editor and dialog manager. ISPF provides a means of generating standard screen panels and interactive dialog between the application programmer and terminal user.

**interchange address (IA)**

In ALC, the 1-byte address of a terminal interchange. Different terminal interchanges connected to the same ALC link have different interchange addresses. Different terminal interchanges connected to different ALC links can have the same interchange address. See also terminal interchange

**International Programmed Airlines Reservation System (IPARS)**

A set of applications for airline use. The principal functions are reservations and message switching.

**IPARS for ALCS**

The ALCS shipment includes IPARS as a sample application, and installation verification aid for ALCS.

**J****JSON Parser**

Part of the z/OS Client Web Enablement Toolkit which provides a generic, native z/OS JavaScript Object Notation (JSON) parser for z/OS applications

**K****KCN**

Abbreviation for an SLC channel number. See SLC channel.

**keypointable**

See application global area.

**keypoint B (CTKB)**

A record that contains dynamic system information that ALCS writes to DASD when it is updated so that ALCS can restart from its latest status.

**L****Language Environment**

A common run-time environment and common run-time services for z/OS high level language compilers.

**level**

See ECB level.

**line number (LN)**

(1) In ALC, the 1-byte address of an ALC link. Different links connected to the same communication controller have different line numbers. Different links connected to different communication controllers can have the same line number.

(2) Synonym for symbolic line number.

**Link Control -- Airline (LICRA)**

The name of a programming request for price quotation (PRPQ) to the IBM 3705 Emulation Program (EP/VS). This modifies EP/VS to support SLC networks.

**link control block (LCB)**

See SLC link control block.

**link data block (LDB)**

See SLC link data block.

**link trace**

See SLC link trace.

**local DXCREI index (LDI)**

The first byte of a communication resource indicator (CRI).

**local queue**

In message queuing, a queue that belongs to the local queue manager. A local queue can contain a list of messages waiting to be processed. Contrast with remote queue.

**lock**

A serialization mechanism whereby a resource is restricted for use by the holder of the lock. See also hold.

**log**

See ALCS update log.

**logging**

The process of writing copies of altered database records to a sequential file. This is the method used to provide an up-to-date copy of the database should the system fail and the database have to be restored. The database records are logged to the ALCS update log file.

**logical end-point identifier (LEID)**

In NEF2 and ALCI environments, a 3-byte identifier assigned to an ALC terminal.

**logical unit type 6.2 (LU 6.2)**

The SNA logical unit type that supports general communication between programs in a distributed processing environment; the SNA logical unit type on which Common Programming Interface - Communications (CPI-C) is built.

**log in**

TPF term for establishing routing between a terminal and an application.

**log on**

Establish a session between an SNA terminal and an application such as ALCS. See also routing.

**logon mode**

In VTAM, a set of predefined session parameters that can be sent in a BIND request. When a set is defined, a logon mode name is associated with the set.

**logon mode table**

In VTAM, a table containing several predefined session parameter sets, each with its own logon mode name.

**long message transmitter (LMT)**

A part of the IPARS application that is responsible for blocking and queuing printer messages for output. Also called XLMT.

**long-term pool**

An ALCS record class - one of the classes that reside on the real-time database. Within this class, there is one record type for each DASD record size. All long-term pool-file records are also allocatable pool records. ALCS application programs can use long-term pool records for long-lived or high-integrity data. See pool file, real-time database, record class, and record type.

**L0, L1, L2, L3, ..., L8**

Assembler symbols (and defined values in C) for the storage block sizes and record sizes that ALCS supports. See DASD record and storage block size.

**M****macro trace block**

See entry macro trace block and system macro trace block.

**Mapping of Airline Traffic over IP (MATIP)**

A protocol for transporting traditional airline messages over an IP (Internet Protocol) network. Internet RFC (Request for Comments) number 2351 describes the MATIP protocol.

**MBI exhaustion**

The condition of an SLC link when a sender cannot transmit another message because all 7 SLC message labels are already "in use"; that is, the sender must wait for acknowledgement of a message

so that it can reuse the corresponding message label. See also SLC link, SLC message label, and SLC message block indicator.

**message**

For terminals with an Enter key, an input message is the data that is sent to the host when the Enter key is hit. A response message is the data that is returned to the terminal. WTTY messages have special "start/end of message" character sequences. One or more input and output message pairs make up a transaction.

**message block indicator**

See SLC message block indicator.

**message label**

See SLC message label.

**Message Queue Interface (MQI)**

The programming interface provided by the IBM WebSphere MQ message queue managers. This programming interface allows application programs to access message queuing services.

**message queue manager**

See queue manager.

**message queuing**

A programming technique in which each program within an application communicates with the other programs by putting messages on queues. This enables asynchronous communication between processes that may not be simultaneously active, or for which no data link is active. The message queuing service can assure subsequent delivery to the target application.

**message switching**

An application that routes messages by receiving, storing, and forwarding complete messages. IPARS for ALCS includes a message switching application for messages that conform to ATA/IATA industry standards for interline communication *ATA/IATA Interline Communications Manual*, DOC.GEN/1840.

**mirrored pair**

Two units that contain the same data and are referred to by the system as one entity.

**monitor-request macro**

Assembler language macro provided with ALCS, corresponding to TPF "SVC-type" or "control program" macros. Application programs use these macros to request services from the online monitor.

**MQ Bridge**

The ALCS MQ Bridge allows application programs to send and receive messages using WebSphere MQ for z/OS queues, without the need to code MQ calls in those programs. The MQ Bridge installation-wide monitor exits USRMQB0, USRMQB1, USRMQB2, and USRMQB3 allow you to customize the behaviour of the MQ Bridge to suit your applications.

**MQSeries**

A previous name for WebSphere MQ.

**multibyte character**

A mixture of single-byte characters from a single-byte character set and double-byte characters from a double-byte character set.

**multiblock message**

In SLC, a message that is transmitted in more than one link data block. See link data block.

**Multiple Virtual Storage/Data Facility Product (MVS/DFP)**

An MVS licensed program that isolates applications from storage devices, storage management, and storage device hierarchy management.

**Multisystem Networking Facility (MSNF)**

An optional feature of VTAM that permits these access methods, together with NCP, to control a multiple-domain network.

## N

### **namelist**

In message queuing, a namelist is an object that contains a list of other objects.

### **native file address**

For migration purposes ALCS allows two or more file addresses to refer to the same database or general file record. The file address that ALCS uses internally is called the native file address.

### **NCP Packet Switching Interface (NPSI)**

An IBM licensed program that allows communication with X.25 lines.

### **NetView**

A family of IBM licensed programs for the control of communication networks.

### **NetView operator identifier (NetView operator ID)**

A 1- to 8-character name that identifies a NetView operator.

### **NetView program**

An IBM licensed program used to monitor a network, manage it, and diagnose network problems.

### **NetView resource**

A NetView operator ID which identifies one of the following:

- A NetView operator logged on to a terminal.
- A NetView operator ID automation task. One of these tasks is used by ALCS to route RO CRAS messages to the NetView Status Monitor Log (STATMON).

### **network control block (NCB)**

A special type of message, used for communication between a transaction processing system and a high-level network (HLN). For example, an HLN can use an NCB to transmit information about the network to a transaction processing system.

For a network that connects using SLC, an NCB is an SLC link data block (LDB). Indicators in the LDB differentiate NCBs from other messages.

For a network that connects using AX.25, NCBs are transmitted across a dedicated permanent virtual circuit (PVC).

### **Network Control Program (NCP)**

An IBM licensed program resident in an IBM 37xx Communication Controller that controls attached lines and terminals, performs error recovery, and routes data through the network.

### **Network Control Program Packet Switching Interface (NPSI)**

An IBM licensed program that provides a bridge between X.25 and SNA.

### **Network Control Program/Virtual Storage (NCP/VS)**

An IBM licensed program. ALCS V2 uses the EP/VS component of NCP/VS to access SLC networks.

### **Network Extension Facility (NEF)**

The name of a programming request for price quotation (PRPQ P09021) that allows management of ALC networks by NCP; now largely superseded by ALCI.

### **Network Terminal Option (NTO)**

An IBM licensed program that converts start-stop terminal device communication protocols and commands into SNA and VTAM communication protocols and commands. ALCS uses NTO to support World Trade Teletypewriter (WTTY).

## O

### **object**

In message queuing, objects define the attributes of queue managers, queues, process definitions, and namelists.

### **offline**

A function or process that runs independently of the ALCS online monitor. For example, the ALCS diagnostic file processor is an offline function. See also ALCS offline program.

**online**

A function or process that is part of the ALCS online monitor, or runs under its control. For example, all ALCS commands are online functions. See also ALCS online monitor.

**open**

Allocate a sequential file data set to ALCS and open it (MVS OPEN macro). For general sequential files this is a function of the TOPNC monitor-request macro (or equivalent C function). ALCS automatically opens other sequential files during restart.

**optimized local adapters (OLA) for WebSphere Application Server for z/OS (WAS)**

Built-in, high-speed, bi-directional adapters for calls between WebSphere Application Server for z/OS and ALCS in another address space on the same z/OS image. OLA allows ALCS customers to support an efficient integration of newer Java-based applications with ALCS-based applications. A set of callable services can be used by ALCS assembler or C/C++ programs for exchanging data with applications running in WebSphere Application Server for z/OS. For more information on the callable services (with names of the form BBOA1xxx) see the IBM Information Center for WebSphere Application Server - Network Deployment (z/OS) and search for BBOA1. You can use the USRWAS1 installation-wide monitor to verify the caller's authority and to identify input and output messages.

**operator command**

See ALCS command. Can also refer to non-ALCS commands, for example, MVS or VTAM commands.

**ordinal**

See communication resource ordinal and record ordinal.

**P****package**

See DB2 package

**package list**

See DB2 package list

**padded ALC**

A transmission code that adds one or more bits to the 6-bit airline line control (ALC) transmission code so that each ALC character occupies one character position in a protocol that uses 7- or 8-bit transmission codes. See also airlines line control.

**padded SABRE**

Synonym for padded ALC.

**passenger name record (PNR)**

A type of record commonly used in reservation systems. It contains all the recorded information about an individual passenger.

**path**

The set of components providing a connection between a processor complex and an I/O device. For example, the path for an IBM 3390 DASD volume might include the channel, ESCON Director, 3390 Storage Path, 3390 Device Adapter, and 3390 internal connection. The specific components used in a particular path are dynamic and may change from one I/O request to the next. See balanced path.

**pathlength**

The number of machine instructions needed to process a message from the time it is received until the response is sent to the communication facilities.

**performance monitor**

An online function that collects performance data and stores it in records on the ALCS real-time database. It can produce online performance reports based on current data and historical data.

**pilot**

See data file.

**pool directory update (PDU)**

A facility of TPF that recovers long-term pool file addresses without running Recoup . PDU identifies and makes available all long-term pool-file records that have been released.

**pool file**

Short-term pool, long-term pool, and allocatable pool. Within each pool file class, there is one record type for each record size; for example, short-term pool includes the record type L1STPOOL (size L1 short-term pool records).

Each pool-file record type contains some records that are in-use and some that are available. There is a dispense function that selects an available record, changes its status to in-use, and returns the file address. Also, there is a release function that takes the file address of an in-use pool-file record and changes the record status to available.

To use a pool-file record, a program must:

1. Request the dispense function. This returns the file address of a record. Note that the record contents are, at this stage, unpredictable.
2. Write the initial record contents, using the file address returned by step “1” on page 491.
3. Save the file address returned by step “1” on page 491.
4. Read and write the record to access and update the information as required. These reads and writes use the file address saved in step “3” on page 491.

When the information in the record is no longer required, a program must:

5. Delete (clear to zeros) the saved copy of the file address (see step “3” on page 491).
6. Request the release function.

See also record class. Contrast with fixed file.

**pool file directory record (PFDR)**

The ALCS pool file management routine keeps a directory for each size (L1, L2, ...L8) of short-term pool file records and long-term pool-file records. It keeps these directories in pool file directory records.

**pool-file record**

ALCS application programs access pool-file records with file addresses similar to those for fixed-file records. To obtain a pool-file record, an application program uses a monitor-request macro (or equivalent C function) that specifies a 2-byte record ID or a pool-file record type.

When the data in a pool-file record is no longer required, the application uses a monitor-request macro (or equivalent C function) to release the record for reuse. See pool file.

**pool-file record identifier (record ID)**

The record ID of a pool-file record. On get file requests (using the GETFC monitor-request macro or equivalent C function) the program specifies the pool-file record ID. This identifies whether the pool-file record is a short-term or long-term pool-file record and also determines the record size (L1, L2, ...L8). (Coding the 2-byte record IDs, and the corresponding pool-file record sizes and types, is part of the ALCS generation procedure.) See also record ID qualifier.

**pool-file record type**

Each collection of short-term and long-term pool-file records of a particular record size (identified by the symbols L1, L2, ..., L8) is a different record type. Each pool-file record type has a different name. For short-term pool-file records, this is  $L_n$ STPOOL, where  $L_n$  is the record size symbol. For long-term pool-file records the name is  $L_n$ LTPOOL.

**post processor**

See ALCS diagnostic file processor.

**PPMSG**

ALCS program-to-program message format, used by the ALCS message router to send and receive messages on a message routing path to another system. In PPMSG message format, the routing control parameter list (RCPL) precedes the message text.

**primary action code**

The first character of any input message. The primary action code Z is reserved for ALCS commands. See secondary action code.

**Prime CRAS**

The primary display terminal, or NetView ID, that controls the ALCS system. See also computer room agent set (CRAS).

**process definition object**

In message queuing, an object that contains the definition of a message queuing application. For example, a queue manager uses the definition when it works with trigger messages.

**product sensitive programming interface (PSPI)**

An interface intended for use in customer-written programs for specialized purpose only, such as diagnosing, modifying, monitoring, repairing, tailoring or tuning of ALCS. Programs using this interface may need to be changed in order to run with new product releases or versions, or as a result of service.

**program linkage**

Mechanism for passing control between separate portions of the application program. See dynamic program linkage and static program linkage.

**program nesting level**

One of 32 ECB areas used by the ENTER/BACK mechanism for saving return control data.

**program-to-program interface**

In NetView, a facility that allows user programs to send data to, or receive data from, other user programs. It also allows system and application programs to send alerts to the NetView hardware monitor.

**P.1024**

A SITA implementation of SLC. See SLC.

**P.1124**

A SITA implementation of SLC. See SLC.

**P.1024A**

The SITA implementation of airline line control (ALC).

**Q****queue manager**

A system program that provides queuing services to applications. It provides an application programming interface so that programs can access messages on the queues that the queue manager owns. WebSphere MQ for z/OS is an example of a queue manager.

**R****real-time database**

The database to which ALCS must have permanent read and write access. As an ALCS generation option, the real-time database can be duplicated in order to minimize the effects of a DASD failure.

**real-time sequential file**

A sequential data set used only for output. ALCS application programs can write to any real-time sequential file without requiring exclusive access to the data set. See also general sequential file.

**real-time tape**

TPF term for a real-time sequential file.

**receive only (RO)**

The function of a communication terminal that can receive but not send data. An example is a printer that does not have a keyboard.

**receive only CRAS**

A printer terminal (or NetView operator ID) that ALCS uses to direct status messages. Commonly known as RO CRAS.

**record**

A set of data treated as a unit.

**record class**

The first (highest) level categorization of ALCS DASD records. ALCS defines the following record classes:

- Allocatable pool
- Application fixed file
- Configuration data set
- General file
- Long-term pool
- Short-term pool
- System fixed file.

See also record type and record ordinal.

**record code check (RCC)**

The third byte of any record stored in the ALCS database. It is part of the record header.

The RCC field is intended to help detect the incorrect chaining of records which have the same record ID. This is particularly useful for passenger name records (PNRs), of which there are often hundreds of thousands. A mismatch in RCC values shows that the chain is broken, probably as a result of an application program releasing a record too soon. (A false match cannot be excluded, but the RCC should give early warning of a chaining problem.)

**record header**

A standard format for the first 16 bytes of a record stored on the ALCS database. It contains the following fields:

- Record ID
- Record code check
- Control byte
- Application program name
- Forward chain
- Backward chain.

Not all records contain forward chains and backward chains. Some applications extend the record header by including extra fields. TPFDF uses an extended record header.

**record hold**

A type of hold that applies to DASD records. Applications that update records can use record hold to prevent simultaneous updates. See also resource hold.

**record identifier (record ID)**

The first two bytes of a record stored on the ALCS database, part of the record header.

The record ID should always be used to indicate the nature of the data in the record. For example, airlines reservations applications conventionally store passenger name records (PNRs) as long-term pool-file records with a record ID of 'PR'.

When application programs read such records, they can (optionally) request ALCS to check that the record ID matches that which the application program expects.

When application programs request ALCS to dispense pool file records, ALCS uses the record ID to select an appropriate long-term or short-term pool-file record of the requested record size (L1, L2,...,L8). See also record ID qualifier.

**record ID qualifier**

A number 0 through 9 that differentiates between record types that have the same record ID.

For compatibility with previous implementations of the record ID qualifier, ALCS also accepts the character qualifiers P and O. P (primary) is equivalent to 0, and O (overflow) is equivalent to 1.

**record ordinal**

The relative record number within a record type. See record class and record type.

**record size**

See DASD record.

**record type**

The second level categorization of ALCS DASD records. Within any one record class, the records are categorized into one or more record types. See also record type number, record type symbol, record class and record ordinal.

**record type number**

A number that identifies a record type.

**record type symbol**

The character string that identifies a fixed-file record type (#xxxxx), a long-term pool-file record type (LsLTPOOL), a short-term pool-file record type (LsSTPOOL), or a general file (GF-*nnn*). The value of the record type symbol is the record type number.

**Recoup**

A real-time database validation routine which runs online in the ALCS system. (Note that, while the Recoup routines of TPF consist of a number of phases, some online and some offline, the ALCS Recoup is a single online phase that runs, without operator intervention, in any system state.)

Recoup reads selected fixed-file records in the database, and then follows up all chains of pool-file records in the database, noting that these records are in use and giving a warning of any that have been corrupted or released. It then updates the pool file directory records (PFDRs) to show the status of all records.

The ALCS pool file dispense procedure identifies records not in a chain (and so apparently available for reuse) that have not been released.

**recoup descriptors**

These describe the structure of the entire real-time database.

**reentrant**

The attribute of a program or routine that allows the same copy of the program or routine to be used concurrently by two or more tasks. All ALCS application programs must be reentrant.

**relational database**

A database that is in accordance with the relational model of data. The database is perceived as a set of tables, relationships are represented by values in tables, and data is retrieved by specifying a result table that can be derived from one or more base tables.

**release (a pool-file record)**

To make available a long-term or short-term pool-file record so that it can be subsequently dispensed. An application program requests the release action. See dispense a pool-file record.

**release file storage (RFS)**

The general term for the pool-file release mechanisms that ALCS provides.

**remote queue**

In message queuing, a queue that belongs to a remote queue manager. Programs can put messages on remote queues, but they cannot get messages from remote queues. Contrast with local queue.

**remote terminal trace**

One mode of operation of the ALCS trace facility. Remote terminal trace is a conversational trace facility to interactively trace entries from a terminal other than your own.

**REpresentational State Transfer (REST)**

An architecture which defines how data is represented to a client in a format (using *pis*) that is convenient for that client to access Web services.

Common message protocols used for this purpose are HTTP, JSON and XML. Applications using the REST *pis* are said to be RESTful applications.

**reservations**

An online application which is used to keep track of seat inventories, flight schedules, and other related information. The reservation system is designed to maintain up-to-date data and to respond within seconds or less to inquiries from ticket agents at locations remote from the computing system.

IPARS for ALCS includes a sample reservations application for airlines.

**reserve**

Unassign a general sequential file from an entry but leave the file open, so that another (or the same) entry can assign it. Application programs can use the TRSVC monitor-request macro (or equivalent C function) to perform this action.

**resource**

Any facility of a computing system or operating system required by a job or task, and including main storage, input/output devices, processing unit, data sets, and control or processing programs. See also communication resource.

**resource entry index (REI)**

The second and third bytes of a communication resource identifier (CRI).

**resource hold**

A type of hold that can apply to any type of resource. Applications can define resources according to their requirements, and identify them to ALCS using a unique name. See also record hold.

**RO CRAS**

See receive only CRAS.

**rollback**

An operation that reverses all the changes made during the current unit of recovery. After the operation is complete, a new unit of recovery begins.

**routing**

The connection between a communication resource connected to ALCS (typically a terminal on an SNA or non-SNA network) and an application (running under ALCS or another system). Also sometimes called "logging in", but this must be distinguished from logging on, which establishes the SNA connection (session) between the terminal and ALCS.

**routing control parameter list (RCPL)**

A set of information about the origin, destination, and characteristics of a message. With each input message, ALCS provides an RCPL in the ECB. An output message that is sent using the ROUTC (routc) service also has an RCPL associated with it.

**S****scroll**

To move a display image vertically or horizontally to view data that otherwise cannot be observed within the boundaries of the display screen.

**secondary action code**

The second character of an ALCS command. (ALCS commands are made up of 5 characters: Z followed by a secondary action code.) See primary action code.

**sequential file**

A file in which records are processed in the order in which they are entered and stored in the file. See general sequential file and real-time sequential file.

**serialization**

A service that prevents parallel or interleaved execution of two or more processes by forcing the processes to execute serially.

For example, two programs can read the same data item, apply different updates, and then write the data item. Serialization ensures that the first program to start the process (read the item) completes the process (writes the updated item) before the second program can start the process - the second program applies its update to the data item which already contains the first update. Without serialization, both programs can start the process (read the item) before either completes the process (writes the updated item) - the second write destroys the first update. See also assign, lock, and hold.

**Serviceability Level Indicator Processing (SLIP)**

An MVS operator command which acts as a problem determination aid.

**short-term pool**

An ALCS record class - one of the classes that resides on the real-time database. Within this class, there is one record type for each DASD record size. All short-term pool-file records are also allocatable pool records (they have a special status of "in use for short-term pool"). ALCS application programs can use short-term pool records for short-lived low-integrity data. See pool file, real-time database, record class, and record type.

**simplex transmission**

Data transmission in one direction only. See also duplex and half-duplex.

**sine in/out**

Those applications that provide different functions to different end users of the same application can require the user to sine in <sup>2</sup> to the specific functions they require. The sine-in message can, for example, include an authorization code.

**single-block message**

In SLC, a message that is transmitted in one link data block. See link data block.

**single-phase commit**

A method in which a program can commit updates to a message queue or relational database without coordinating those updates with updates the program has made to resources controlled by another resource manager. Contrast with two-phase commit.

**SLC**

See synchronous link control.

**SLC channel**

A duplex telecommunication line using ATA/IATA SLC protocol. There can be from 1 to 7 channels on an SLC link.

**SLC error index byte (EIB)**

A 1-byte field generated by Line Control - Airline (LICRA) and transferred to ALCS with each incoming link control block and link data block. Certain errors cause LICRA to set on certain bits of the EIB. See also Link Control -- Airline (LICRA).

**SLC information block**

Synonym for SLC link data block.

**SLC link**

A processor-to-processor or processor-to-HLN connection. ALCS supports up to 255 SLC links in an SLC network.

An SLC link that is in the process of an open, close, start, or stop function is said to be "cycling".

**SLC link control block (LCB)**

A 4-byte data item transmitted across an SLC link to control communications over the link. LCBs are used, for example, to confirm that a link data block (LDB) has arrived, to request retransmission of an LDB, and so on.

**SLC link data block (LDB)**

A data item, transmitted across an SLC link, that contains a message or part of a message. One LDB can contain a maximum of 240 message characters, messages longer than this must be split and transmitted in multiple LDBs. Synonymous with SLC information block.

**SLC link trace**

A function that provides a record of SLC communication activity. It can either display the information in real time or write it to a diagnostic file for offline processing, or both. Its purpose is like that of an NCP line trace, but for the SLC protocol.

**SLC message block indicator (MBI)**

A 1-byte field in the SLC link data block that contains the SLC message label and the block number. A multiblock message is transmitted in a sequence of up to 16 link data blocks with block numbers 1, 2, 3, ... 16. See also multiblock message, SLC link data block, and SLC message label.

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<sup>2</sup> This spelling is established in the airline industry.

**SLC message label**

A number in the range 0 through 7, excluding 1. In P.1024, consecutive multiblock messages are assigned SLC message labels in the sequence: 0, 2, 3, ... 6, 7, 0, 2, and so on. In P.1124, single-block messages are (optionally) also included in the sequence. See also P.1024, P.1124 and SLC message block indicator.

**SLC transmission status indicator (TSI)**

A 1-byte field in the SLC link data block that contains the SLC transmission sequence number. See also SLC transmission sequence number.

**SLC transmission sequence number (TSN)**

A number in the range 1 through 31. Consecutive SLC link data blocks transmitted in one direction on one SLC channel are assigned TSNs in the sequence: 1, 2, 3, ... 30, 31, 1, 2, and so on. See also SLC link data block, SLC channel, and SLC transmission status indicator.

**SLC Type A traffic**

See Type A traffic.

**SLC Type B traffic**

See Type B traffic.

**Société Internationale de Télécommunications Aéronautiques (SITA)**

An international organization which provides communication facilities for use within the airline industry.

**SQL Communication Area (SQLCA)**

A structure used to provide an application program with information about the execution of its SQL statements.

**SQL Descriptor Area (SQLDA)**

A structure that describes input variables, output variables, or the columns of a result table used in the execution of manipulative SQL statements.

**stack**

An area of storage that a compiler uses to allocate variables defined in a high-level language. ALCS provides separate stacks for each entry (if needed). The stack is part of entry storage.

**standard message format**

For input and output messages, a message format which includes a 2-byte field for the message length.

**standby**

The state of ALCS after it has been initialized but before it has been started. Standby is not considered one of the system states.

**static program linkage**

Program linkage where the connection between the calling and called program is established before the execution of the program. The connection is established by the assembler, compiler, prelinker, or linkage editor. Static program linkage does not invoke ALCS monitor services. See also dynamic program linkage.

**static SQL**

See embedded SQL.

**statistical report generator (SRG)**

An offline ALCS utility that is a performance monitoring tool. It takes the data written to the ALCS data collection or diagnostic file processor by the data collection function and produces a variety of reports and bar charts. The SRG is the equivalent of TPF "data reduction".

**STATMON**

See NetView resource.

**storage block**

An area of storage that ALCS allocates to an entry. It is part of entry storage. See storage block sizes.

**storage block size**

ALCS allows storage blocks of up to 9 different sizes. These are identified in programs by the assembler symbols (or defined C values) L0, L1, L2, ..., L8. Installations need not define all these block sizes but usually define at least the following:

- Size L0 contains 127 bytes of user data
- Size L1 contains 381 bytes of user data
- Size L2 contains 1055 bytes of user data
- Size L3 contains 4000 bytes of user data
- Size L4 contains 4095 bytes of user data.

The system programmer can alter the size in bytes of L1 through L4, and can specify the remaining block sizes.

**storage level**

An area in the ECB or a DECB used to hold the address and size of a storage block. See ECB level and DECB level.

**storage unit**

The ALCS storage manager allocates storage in units called storage units. Entry storage is suballocated within storage units; for example, one storage unit can contain an ECB and several storage blocks attached to that ECB.

ALCS uses three types of storage units:

- Prime and overflow storage units for entry storage and heap storage (if an entry storage block can be used). Also called type 1 storage units.
- High-level language storage units for stack storage. Also called type 2 storage units.
- Storage units for heap storage (if an entry storage block can not be used) for programs. Also called type 3 storage units.

The size of a storage unit, and the number of each type of storage unit, is defined in the ALCS generation. See entry storage.

**store access**

Access which only involves writing (not reading). Compare with fetch access.

**striping**

A file organization in which logically adjacent records are stored on different physical devices. This organization helps to spread accesses across a set of physical devices.

**Structured Query Language (SQL)**

a standardized language for defining and manipulating data in a relational database.

**symbolic line number (SLN)**

In TPF, a 1-byte address of an ALC link, derived from the line number but adjusted so that all ALC links connected to the TPF system have a different symbolic line number. See also line number.

**Synchronous Data Link Control (SDLC)**

A discipline conforming to subsets of the Advanced Data Communication Control Procedures (ADCCP) of the American National Standards Institute (ANSI) and High-level Data Link Control (HDLC) of the International Organization for Standardization, for managing synchronous, code-transparent, serial-by-bit information transfer over a link connection.

Transmission exchanges can be duplex or half-duplex over switched or nonswitched links. The configuration of the link connection can be point-to-point, multipoint, or loop.

**Synchronous Link Control (SLC)**

A discipline conforming to the ATA/IATA Synchronous Link Control, as described in the ATA/IATA publication *ATA/IATA Interline Communications Manual*, ATA/IATA document DOC.GEN 1840.

**syncpoint**

An intermediate or end point during processing of a transaction at which the transaction's protected resources are consistent. At a syncpoint, changes to the resources can safely be committed, or they can be backed out to the previous syncpoint.

**system error**

Error that the ALCS monitor detects. Typically, ALCS takes a dump, called a system error dump, to the ALCS diagnostic file. See also ALCS diagnostic file and ALCS diagnostic file processor. See also system error dump, system error message.

**system error dump**

(1) A storage dump that ALCS writes to the ALCS diagnostic file when a system error occurs. See also ALCS diagnostic file and system error.

(2) The formatted listing of a storage dump produced by the ALCS diagnostic file processor. See also ALCS diagnostic file processor.

**system error message**

A message that ALCS sends to receive only CRAS when a system error occurs. See also receive only CRAS and system error.

**system error option**

A parameter that controls what action ALCS takes when it detects a system error. See also system error.

**system fixed file**

An ALCS record class - one of the classes that reside on the real-time database. All system fixed-file records are also allocatable pool records (they have a special status of "in use for system fixed file").

System fixed-file records are reserved for use by ALCS itself. See real-time database, record class, and record type.

**system macro trace block**

There is one system macro trace block. Each time an entry issues a monitor-request macro (or equivalent C function), ALCS records information in the system macro trace block.

This information includes the ECB address, the macro request code, the name of the program that issued the macro, and the displacement in the program. The ALCS diagnostic file processor formats and prints the system macro trace block in ALCS system error dumps. See also entry macro trace block.

**System Modification Program/Extended (SMP/E)**

An IBM licensed program used to install software and software changes on MVS systems. In addition to providing the services of SMP, SMP/E consolidates installation data, allows flexibility in selecting changes to be installed, provides a dialog interface, and supports dynamic allocation of data sets.

**Systems Application Architecture (SAA)**

A set of software interfaces, conventions, and protocols that provide a framework for designing and developing applications with cross-system consistency.

**Systems Network Architecture (SNA)**

The description of the logical structure, formats, protocols, and operational sequences for transmitting information units through, and controlling the configuration and operation of networks.

**system sequential file**

A class of sequential data sets used by ALCS itself. Includes the ALCS diagnostic file, the ALCS data collection file, and the ALCS update log file or files.

**system state**

The ALCS system can run in any of the following system states: IDLE, CRAS, message switching (MESW), and normal (NORM).

Each state represents a different level of availability of application functions. Altering the system state is called "cycling the system". See also standby.

**system test compiler (STC)**

An offline ALCS utility that compiles data onto data files for loading on to the real-time database. STC also builds test unit tapes (TUTs) for use by the system test vehicle (STV).

**system test vehicle (STV)**

An online ALCS function that reads input messages from a general sequential file test unit tape (TUT) and simulates terminal input. STV intercepts responses to simulated terminals and writes them to the ALCS diagnostic file.

**T****terminal**

A device capable of sending or receiving information, or both. In ALCS this can be a display terminal, a printer terminal, or a NetView operator identifier.

**terminal address (TA)**

In ALC, the 1-byte address of an ALC terminal. Different terminals connected to the same terminal interchange have different terminal addresses. Different terminals connected to different terminal interchanges can have the same terminal address. See also terminal interchange.

**terminal circuit identity (TCID)**

Synonym for line number.

**terminal hold**

When an ALCS application receives an input message, it can set terminal hold on for the input terminal. Terminal hold remains on until the application sets it off. The application can reject input from a terminal that has terminal hold set on. Also referred to as AAA hold.

**terminal interchange (TI)**

In ALC, synonym for terminal control unit.

**terminate**

- (1) To stop the operation of a system or device.
- (2) To stop execution of a program.

**test unit tape (TUT)**

A general sequential file that contains messages for input to the system test vehicle (STV). TUTs are created by the system test compiler (STC).

**time available supervisor (TAS)**

An ALCS or TPF function that creates and dispatches low priority entries.

**time-initiated function**

A function initiated after a specific time interval, or at a specific time. In ALCS this is accomplished by using the CRETC monitor-request macro or equivalent C function. See create service.

**TP profile**

The information required to establish the environment for, and attach, an APPC/MVS transaction program on MVS, in response to an inbound allocate request for the transaction program.

**trace facility**

See ALCS trace facility, generalized trace facility, and SLC link trace.

**transaction**

The entirety of a basic activity in an application. A simple transaction can require a single input and output message pair. A more complex transaction (such as making a passenger reservation) requires a series of input and output messages.

**Transaction Processing Facility (TPF)**

An IBM licensed program with many similarities to ALCS. It runs native on IBM System/370 machines, without any intervening software (such as MVS). TPF supports only applications that conform to the TPF interface. In this book, TPF means Airline Control Program (ACP), as well as all versions of TPF.

**Transaction Processing Facility Database Facility (TPDFD)**

An IBM licensed program that provides database management facilities for programs that run in an ALCS or TPF environment.

**Transaction Processing Facility/Advanced Program to Program Communications (TPF/APPC)**

This enables LU 6.2 for TPF.

**Transaction Processing Facility/Data Base Reorganization (TPF/DBR)**

A program which reorganizes the TPF real-time database.

**Transaction Processing Facility/MVS (TPF/MVS)**

Alternative name for ALCS V2 .

**Transaction program identifier (TP\_ID)**

A unique 8-character token that APPC/MVS assigns to each instance of a transaction program.

When multiple instances of a transaction program are running simultaneously, they have the same transaction program name, but each has a unique TP\_ID.

**transaction scheduler name**

The name of an APPC/MVS scheduler program. The ALCS transaction scheduler name is ALCSx000, where x is the ALCS system identifier as defined during ALCS generation.

**transfer vector**

An ALCS application program written in assembler, SabreTalk, or C, can have multiple entry points for dynamic program linkage. These entry points are called transfer vectors. Each transfer vector has a separate program name.

**transmission status indicator**

See SLC transmission status indicator.

**transmission sequence number**

See SLC transmission sequence number.

**trigger event**

In message queuing, an event (such as a message arriving on a queue) that causes a queue manager to create a trigger message on an initiation queue.

**trigger message**

In message queuing, a message that contains information about the program that a trigger monitor is to start.

**trigger monitor**

In message queuing, a continuously-running application that serves one or more initiation queues.

When a trigger message arrives on an initiation queue, the trigger monitor retrieves the message.

When ALCS acts as a trigger monitor, it uses the information in the trigger message to start an ALCS application that serves the queue on which a trigger event occurred.

**triggering**

In message queuing, a facility that allows a queue manager to start an application automatically when predetermined conditions are met.

**TSI exhaustion**

The condition of an SLC channel when a sender cannot transmit another SLC link data block (LDB) because the maximum number of unacknowledged LDBs has been reached. The sender must wait for acknowledgement of at least one LDB so that it can transmit further LDBs. See also SLC channel, SLC link data block, SLC transmission sequence number, and SLC transmission status indicator.

**two-phase commit**

A protocol for the coordination of changes to recoverable resources when more than one resource manager is used by a single transaction. Contrast with single-phase commit.

**type**

See record type.

**Type A traffic**

ATA/IATA conversational traffic - that is, high-priority low-integrity traffic transmitted across an SLC or AX.25 link.

**Type B application-to-application program (BATAP)**

In any system (such as ALCS) that communicates with SITA using AX.25 or MATIP, this is the program which receives and transmits type B messages.

**Type B traffic**

ATA/IATA conventional traffic - that is, high-integrity, low-priority traffic transmitted across an SLC or AX.25 link or a MATIP TCP/IP connection.

**type 1 pool file dispense mechanism**

The mechanism used in ALCS prior to V2 Release 1.3 (and still available in subsequent releases) to dispense both short-term and long-term pool-file records.

**type 1 storage unit**

Prime or overflow storage unit for entry storage and small heap storage. See storage unit.

**type 2 pool file dispense mechanisms**

The mechanisms available since ALCS V2 Release 1.3 to dispense pool-file records (the mechanisms are different for short-term and long-term pool-file records).

IBM recommends users to migrate to type 2 dispense mechanisms as part of their migration process.

**type 2 storage unit**

High-level language storage unit for stack storage. See storage unit.

**type 3 storage unit**

Storage unit for heap storage that is used when an entry storage block cannot satisfy a request. See storage unit.

**U****unit of recovery**

A recoverable sequence of operations within a single resource manager (such as WebSphere MQ for z/OS or DB2 for z/OS). Compare with unit of work.

**unit of work**

A recoverable sequence of operations performed by an application between two points of consistency. Compare with unit of recovery.

**Universal Communications Test Facility (UCTF)**

An application used by SITA for SLC protocol acceptance testing.

**update log**

See ALCS update log.

**user data-collection area**

An optional extension to the data-collection area in the ECB. Application programs can use the DCLAC macro to update or read the user data-collection area.

**user exit**

A point in an IBM-supplied program at which a user exit routine can be given control.

**user exit routine**

A user-written routine that receives control at predefined user exit points. User exit routines can be written in assembler or a high-level language.

**V****version number**

In ALCS and TPF, two characters (not necessarily numeric), optionally used to distinguish between different versions of a program. Sometimes also used with other application components such as macro definitions.

**virtual file access (VFA)**

An ALCS caching facility for reducing DASD I/O. Records are read into a buffer, and subsequent reads of the same record are satisfied from the buffer. Output records are written to the buffer, either to be written to DASD - immediately or at a later time - or to be discarded when they are no longer useful.

**virtual SLC link**

Used to address an X.25 PVC or TCP/IP resource for transmitting and receiving Type B traffic. Some applications (such as IPARS MESW) address communication resources using a symbolic line number (SLN) instead of a CRI. These applications can address X.25 PVC and TCP/IP resources by converting the unique SLN of a virtual SLC link to the CRI of its associated X.25 PVC or TCP/IP resource.

## **W**

### **WAS Bridge**

The ALCS WAS Bridge allows ALCS application programs to send and receive messages using optimized local adapters (OLA) for WebSphere Application Server for z/OS without the need to code those callable services in ALCS programs. The ALCS WAS Bridge installation-wide monitor exits USRWAS3, USRWAS4, USRWAS5, and USRWAS6 allow you to customize the behaviour of the WAS Bridge to suit your applications.

### **WebSphere MQ for z/OS**

An IBM product that provides message queuing services to systems such as CICS, IMS, ALCS or TSO. Applications request queuing services through MQI.

### **wide character**

A character whose range of values can represent distinct codes for all members of the largest extended character set specified among the supporting locales. For the z/OS XL C/C++ compiler, the character set is DBCS, and the value is 2 bytes.

### **workstation trace**

One mode of operation of the ALCS trace facility. Workstation trace controls the remote debugger facility. The remote debugger is a source level debugger for C/C++ application programs.

### **World Trade Teletypewriter (WTTY)**

Start-stop telegraph terminals that ALCS supports through Network Terminal Option (NTO).

## **Z**

### **Z message**

See ALCS command.

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- *Synchronous Link Control Procedure*, SITA Document P.1124

SITA produces a series of books which describe the SITA high level network and its protocols. These may be obtained from:

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## **Other non-IBM publications**

*Systems and Communications Reference Manual (Vols 1-7)*. This publication is available from the International Air Transport Association (IATA). You can obtain ordering information from the IATA web site <<http://www.iata.org/>> or contact them directly by telephone at +1(514) 390-6726 or by e-mail at [Sales@iata.org](mailto:Sales@iata.org).



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