

IBM Content Manager OnDemand



Messages and Codes

IBM Content Manager OnDemand



Messages and Codes

Note

Before using this information and the product it supports, read the information in "Notices" on page 247.

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About this publication

This publication lists the messages and codes that are returned by the IBM® Content Manager OnDemand (OnDemand) server programs.

Who should use this publication

This publication is of primary interest to OnDemand administrators that require more detailed information about returned messages.

How this publication is organized

This publication lists the messages that are returned by the OnDemand server programs.

- Part 1, "Server messages", on page 1 lists the messages that are returned by the OnDemand server programs
- Part 2, "OAM support services ABEND codes", on page 135 lists the ABEND codes and reason codes that are returned by the OAM component of OnDemand for z/OS™ and OS/390®, Version 7.1
- Part 3, "JES Spool data capture facility ABEND codes", on page 145 contains ABEND codes, reason codes and messages for the ARSYSPIN program.
- Part 4, "ACIF messages", on page 157 lists the messages that are returned by ACIF

Conventions

The format for date and time, and the characters used as separators for date and time, are intended for a system configured to use the United States national language format. These may be different on your display, depending on the national language format used by your system.

Where to find more information

Product documentation is available on the Web. Click **Library** from the product Web site at <http://www.ibm.com/software/data/ondemand/>

Where to get support

Product support is available on the Web. Click **Support** from the product Web site at <http://www.ibm.com/software/data/ondemand/>

How to send your comments

Your feedback helps IBM to provide quality information. Please send any comments that you have about this publication or other OnDemand documentation. You can use either of the following methods to provide comments:

- Send your comments from the Web. Visit the IBM Data Management Online Reader's Comment Form (RCF) page at:
<http://www.ibm.com/software/data/rcf>
- Send your comments by e-mail to:

ondemand@us.ibm.com

Be sure to include the name of the product, the version number of the product, and the name of the book. If you are commenting on specific text, please include the location of the text (for example, a chapter and section title, a table number, a page number, or a help topic title).

Summary of changes

Summary of changes for IBM Content Manager OnDemand: Messages and Codes, SC27-1379-02

This publication contains additions and changes to information previously presented in *IBM Content Manager OnDemand: Messages and Codes, SC27-1379-01*. The technical additions and changes are marked with a revision bar (|) in the left margin.

The following information is new:

- Added messages 218, 219, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 2210, 2211, 4804, 4805, 4806, 5001, 5002, 5004, 5005, 5006, 5007, 5008, 5009, 5010, 5011, 5012, 5013, 5014, 5015, 5016, 5017, 5018, 5019, 5020, 5021, 5022, 5023, 5024, 6107 and 6108 to the server message reference.
- Updated message 4300 in the server message reference.
- Added a new section JES Spool data capture facility ABEND codes, with ABEND codes, reason codes and messages for the ARSYSPIN program.
- Updated messages 440 and 441 in the ACIF message reference.

Part 1. Server messages

Chapter 1. Introduction to messages

You can use the information contained in this publication to identify OnDemand server errors or problems and resolve them by using the appropriate recovery action.

Other message sources

Some server components return messages that are not described in this publication. Some of the message may include:

- Operating System. It is assumed that you are familiar with the functions of the operating system where the OnDemand server software is installed. You should use your operating system information to identify an error or problem and resolve the problem by using the appropriate recovery action.
- Database Manager. It is also assumed that you are familiar with the functions of the database management product that you are using with OnDemand. You should use your database manager information to identify an error or problem and resolve the problem by using the appropriate recovery action.
- Archive Storage Manager. If you use an archive storage manager with OnDemand, then it is assumed that you are familiar with the functions of the archive storage manager. You should use your archive storage manager information to identify an error or problem and resolve the problem by using the appropriate recovery action.
- Server Print Manager. If you use the OnDemand server print function, then it is assumed that you are familiar with the functions of the server print manager product that you are using with OnDemand. You should use your server print manager information to identify an error or problem and resolve the problem by using the appropriate recovery action.

In most cases, these messages provide sufficient information to determine the cause of the warning or error. For more information on the product that generated the messages, please refer to the appropriate manual where the product is documented.

When running other programs on the system, you may receive messages other than those mentioned in this reference. For information on these messages, refer to the publications that you received for that program product.

Message identifiers

The OnDemand programs issue the same messages for AIX[®], HP-UX, iSeries[™], Solaris, Windows[®], and z/OS.

The format of the message identifier is **ARSnnnnnt**, where:

| | |
|-------------|---|
| ARS | The message prefix for OnDemand messages. |
| nnnn | Represents the message number. |

| | |
|----------|---|
| <i>t</i> | Represents the type of message and indicates the severity of the message. Can be one of the following letters: |
| A | An alert message is a warning for an administrator to take action to avoid performance and reliability problems. |
| D | A debug message contains information that an administrator can use to help service and development resolve problems. |
| E | Error message when an OnDemand server program fails. |
| I | Informational message that the OnDemand server issues when a program has completed successfully. These messages can assist in providing an audit trail. |
| W | Warning message that the OnDemand server issues when the results of a program might be in question. |

Note: The messages that are written to the OnDemand system log do not contain the ARS prefix and the type suffix. For example, the message that is associated with the failure of a load process would be written as 88 to the system log, while it is listed as ARS0088E in this publication. However, 88 and ARS0088E are one and the same message.

In this publication, the messages and explanations are listed according to the four-digit message numbers (for example, 0088).

Chapter 2. Common server messages

The following is a list of the messages issued by the OnDemand server programs.

Unless otherwise stated, all error codes described here are internal error codes used by IBM service and IBM development. A return code of 0 (zero) means that the OnDemand program completed processing without any errors. Unless otherwise stated in a specific message explanation or response, any other return code means that the OnDemand program failed.

ARS0013E DB Error: *db_text* -- **SQLSTATE=***sqlstate*, **SQLCODE=***sqlcode*, **File=***file*, **Line=***line*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors and SQL return codes.

ARS0014I DB Info: *text*

Explanation: The *text* information is provided by the database manager.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information.

ARS0015E Unable to find SMS tablespace filesystems. Either the defined SMS filesystems are full or there are no SMS filesystems defined.

Explanation: No SMS filesystems have been defined or the SMS filesystems are full.

User Response: Verify the configuration of the SMS filesystem. Either define SMS filesystems or extend the existing SMS filesystems. Then restart the server and resubmit the command.

ARS0016E Unable to allocate enough DMS filesystem space for table. Need(*needed_extents*), Available(*available_extents*), Extent(*extent_size*)

Explanation: There is not enough DMS filesystem space available to complete the command.

User Response: Define more DMS filesystems. Then restart the server and resubmit the command.

ARS0020E SM Error: *text*, **RC=***rc*, **Reason=***reason*, **File=***file*, **Line=***line*

Explanation: The storage manager failed.

User Response: See the messages and codes publication of the storage manager product that you are using with OnDemand for information about the SM Error, RC, and Reason.

ARS0021E Unable to store data to cache because there is no cache defined

Explanation: There are no cache storage filesystems defined on the system.

User Response: Define and configure one or more cache storage filesystems. Then restart the server and resubmit the command.

ARS0022E Unable to delete the Application Group >*appl_group_name*<. You must manually delete the TSM file space >*file_space_name*< with TSM utilities

Explanation: The storage manager failed because the application group data could not be deleted from TSM. If the owner of the OnDemand instance is not root, when a user deletes an application group, OnDemand will delete the application group table(s) from the OnDemand database but will not delete the application group data from TSM.

ARS0023E • ARS0032I

User Response: To delete the application group data from TSM, log on to TSM and use TSM utilities to delete the filespace in TSM that is associated with the application group. The name of the filespace in TSM is specified in message number ARS0022E. See your TSM information for details about logging on to TSM and using TSM utilities to delete data.

ARS0023E Object >object_name< in Application Group >appl_grp_name< not found in cache, no other storage defined

Explanation: The object no longer exists in the OnDemand cache and no other storage manager was defined to store the data. The data was expired. Depending on how the application group index expiration was configured, the index information will also expire in the future.

User Response: Verify the storage management configuration on the system and verify the storage management settings for the specified application group.

ARS0024E Object >object_name< in Application Group >appl_grp_name< not found in node >node_name<

Explanation: The object cannot be found in the specified storage node. The data has expired from the storage node.

User Response: Verify the storage management settings for the specified application group.

ARS0025E Unable to store data because the cache is full

Explanation: The cache storage filesystems are full.

User Response: Add or extend the cache storage filesystems. Then restart the server and resubmit the command.

ARS0026E Unable to perform action because this server is cache only and does not support the Storage Management Subsystem

Explanation: The system is configured for cache only. However, the storage node definitions are pointing to a storage manager that is not configured.

User Response: Either define and configure the storage manager or change the storage node to be cache only. Then restart the server and resubmit the command.

ARS0027E Unable to load the TSM dynamic load library

Explanation: The command failed when attempting to load the Tivoli Storage Manager (TSM) dynamic load library.

User Response: Verify that TSM is correctly installed and configured. Restart the server. Then resubmit the command.

ARS0030I Login: *hostname*

Explanation: A client successfully logged on to the server. This message is for your information only.

User Response: No action is required.

ARS0031W Failed login: *hostname*

Explanation: A client failed when attempting to log on to the server.

User Response: Verify the userid, password, and server and then resubmit the command.

ARS0032I Logoff

Explanation: A client logged off of the server. This message is for your information only.

User Response: No action is required.

ARS0033I Logoff Timeout

Explanation: The server forced a client to log off the server because the client did not perform an action on the server within the interval of time that is specified by the Inactivity Time Out value.

User Response: To proceed, log off the server, log back on to the server, and then resubmit the command. A system administrator can increase the Inactivity Time Out value by starting the administrative client, logging on to the server, and then opening the System Parameters dialog box for the server. See the online help for the System Parameters dialog box for more information about the Inactivity Time Out value.

ARS0034I User Add: Userid(*user_name*) Id(*uid*)

Explanation: The specified userid was added to the system. This message is for your information only.

User Response: No action is required.

ARS0035I User Delete: Userid(*user_name*) Id(*uid*)

Explanation: The specified userid was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0036I User Update: Userid(*user_name*) Id(*uid*)

Explanation: The specified userid was updated. This message is for your information only.

User Response: No action is required.

ARS0037I User Update with new Password: Userid(*user_name*) Id(*uid*)

Explanation: The specified userid's password was successfully updated. This message is for your information only.

User Response: No action is required.

ARS0038W User Failed Update with new Password: Userid(*user_name*) Id(*uid*)

Explanation: An attempt to update the specified userid's password failed.

User Response: Verify the userid and the new password and then resubmit the command.

ARS0039I Group Add: Group(*group_name*) Id(*gid*)

Explanation: The specified group was added to the system. This message is for your information only.

User Response: No action is required.

ARS0040I Group Delete: Group(*group_name*) Id(*gid*)

Explanation: The specified group was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0041I Group Update: Group(*group_name*) Id(*gid*)

Explanation: The specified group was updated. This message is for your information only.

User Response: No action is required.

ARS0042I User to Group Add: User(*user_name*) Id(*uid*), Group(*group_name*) Id(*gid*)

Explanation: The specified user was added to the specified group. This message is for your information only.

User Response: No action is required.

ARS0043I • ARS0051I

ARS0043I **User to Group Delete:** **User**(*user_name*) **Id**(*uid*), **Group**(*group_name*) **Id**(*gid*)

Explanation: The specified user was deleted from the specified group. This message is for your information only.

User Response: No action is required.

ARS0044I **Folder Add:** **Name**(*folder_name*) **Fid**(*fid*)

Explanation: The specified folder was added to the system. This message is for your information only.

User Response: No action is required.

ARS0045I **Folder Delete:** **Fid**(*fid*)

Explanation: The specified folder was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0046I **Folder Update:** **Name**(*folder_name*) **Fid**(*fid*)

Explanation: The specified folder was updated. This message is for your information only.

User Response: No action is required.

ARS0047I **ApplGroup to Folder Add:** **Agid**(*agid*) **Aid**(*aid*) **Fid**(*fid*)

Explanation: The specified application group was added to the specified folder. This message is for your information only.

User Response: No action is required.

ARS0048I **ApplGroup to Folder Delete:** **Agid**(*agid*) **Aid**(*aid*) **Fid**(*fid*)

Explanation: The specified application group was deleted from the specified folder. This message is for your information only.

User Response: No action is required.

ARS0049I **ApplGroup to Folder Update:** **Agid**(*agid*) **Fid**(*fid*)

Explanation: The specified application group was updated in the specified folder. This message is for your information only.

User Response: No action is required.

ARS0050I **Id to Folder Add:** **Id**(*id*) **Fid**(*fid*)

Explanation: Permissions were added to the specified folder for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0051I **Id to Folder Delete:** **Id**(*id*) **Fid**(*fid*)

Explanation: Permissions were deleted from the specified folder for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0052I Id to Folder Update: Id(*id*) Fid(*fid*)

Explanation: Permissions were updated in the specified folder for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0053I ApplGroup Add: Name(*appl_grp_name*) Agid(*agid*)

Explanation: The specified application group was added to the system. This message is for your information only.

User Response: No action is required.

ARS0054I ApplGroup Delete: Name(*appl_grp_name*) Agid(*agid*)

Explanation: The specified application group was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0055I ApplGroup Update: Name(*appl_grp_name*) Agid(*agid*)

Explanation: The specified application group was updated. This message is for your information only.

User Response: No action is required.

ARS0056I Id to ApplGroup Add: Id(*id*) Agid(*agid*)

Explanation: Permissions were added to the specified application group for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0057I Id to ApplGroup Delete: Id(*id*) Agid(*agid*)

Explanation: Permissions were deleted from the specified application group for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0058I Id to ApplGroup Update: Id(*id*) Agid(*agid*)

Explanation: Permissions were updated in the specified application group for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0059I Appl to ApplGroup Add: Name(*appl_name*) Aid(*aid*) Agid(*agid*)

Explanation: The specified application was added to the specified application group. This message is for your information only.

User Response: No action is required.

ARS0060I Appl to ApplGroup Delete: Aid(*aid*) Agid(*agid*)

Explanation: The specified application was deleted from the specified application group. This message is for your information only.

User Response: No action is required.

ARS0061I • ARS0069I

ARS0061I **Appl to ApplGroup Update:** *Name(appl_name) Aid(aid) Agid(agit)*

Explanation: This message is for your information only.

User Response: No action is required.

ARS0062I **Id to Appl Add:** *Id(id) Aid(aid) Agid(agit)*

Explanation: Logical views were added to the specified application for the User with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0063I **Id to Appl Delete:** *Id(id) Aid(aid) Agid(agit)*

Explanation: Logical views were deleted from the specified application for the user with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0064I **Id to Appl Update:** *Id(id) Aid(aid) Agid(agit)*

Explanation: Logical views were updated in the specified application for the user with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0065I **ApplGroup Query:** *Name(appl_grp_name) Agid(agit) Sql(sql) SqlR(sql_restrict) TextSearch(text_search_str) AnnColor(ann_color) AnnText(ann_text)*

Explanation: A query was run against the specified application group. This message is for your information only.

User Response: No action is required.

ARS0066I **ApplGroup DocGet:** *Name(appl_grp_name) Agid(agit) ApplName(appl_name) Aid(aid) NodeName(node_name) Nid(nid) Server(server) Time(time) Flds(fields)*

Explanation: A document was retrieved from the specified application group. This message is for your information only.

User Response: No action is required.

ARS0067I **ApplGroup ResGet:** *Name(appl_grp_name) Agid(agit) NodeName(node_name) Nid(nid) Server(server) Time(time)*

Explanation: A resource was retrieved from the specified application group. This message is for your information only.

User Response: No action is required.

ARS0068I **Annotation Add:** *Name(appl_grp_name) Agid(agit)*

Explanation: An annotation to a document was added to the specified application group. This message is for your information only.

User Response: No action is required.

ARS0069I **Annotation Id Add:** *Id(id) Name(appl_grp_name) Agid(agit)*

Explanation: An annotation to a document was added to the specified application group for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0070I Annotation Delete: Name(*appl_grp_name*) Agid(*agid*)

Explanation: An annotation to a document was deleted from the specified application group. This message is for your information only.

User Response: No action is required.

ARS0071I Annotation Id Delete: Id(*id*) Name(*appl_grp_name*) Agid(*agid*)

Explanation: An annotation to a document was deleted from the specified application group for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0072I Named Query Add: Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was added to the system. This message is for your information only.

User Response: No action is required.

ARS0073I Id Named Query Add: Id(*id*) Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was added to the system for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0074I Named Query Delete: Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0075I Id Named Query Delete: Id(*id*) Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was deleted from the system for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0076I Named Query Update: Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was updated. This message is for your information only.

User Response: No action is required.

ARS0077I Id Named Query Update: Id(*id*) Name(*named_query*) Fid(*fid*)

Explanation: The specified named query was updated for the User or Group with the specified Id. This message is for your information only.

User Response: No action is required.

ARS0078I System Update

Explanation: This message is for your information only.

User Response: No action is required.

ARS0079I • ARS0086I

ARS0079I ApplGroup DocDelete: Name(appl_grp_name) Agid(agid) Flds(fields)

Explanation: A document was deleted from the specified application group. This message is for your information only.

User Response: No action is required.

**ARS0080I ApplGroup DocUpdate: Name(appl_grp_name) Agid(agid) OrigFlds(original_fields)
UpdFlds(updated_fields)**

Explanation: A document was updated in the specified application group. This message is for your information only.

User Response: No action is required.

**ARS0081I ApplGroup ObjRetrieve: Name(appl_grp_name) Agid(agid) ObjName(object_name)
NodeName(node_name) Nid(nid) Server(server) Off(offset) Len(length) Time(time)**

Explanation: The specified storage object was retrieved from the specified application group. This message is for your information only.

User Response: No action is required.

**ARS0082I ApplGroup ObjStore: Name(appl_grp_name) Agid(agid) NodeName(node_name) Nid(nid) Server(server)
ObjName(object_name) Time(time)**

Explanation: The specified storage object was stored in the specified application group. This message is for your information only.

User Response: No action is required.

**ARS0083I ApplGroup ObjStore Append: Name(appl_grp_name) Agid(agid) NodeName(node_name) Nid(nid)
Server(server) ObjName(object_name) CompOff(compress_offset) CompLen(compress_length)**

Explanation: The specified storage object was updated. This message is for your information only.

User Response: No action is required.

**ARS0084I ApplGroup Unload DB: Name(appl_grp_name) Agid(agid) LoadId(load_id-start_date-stop_date) Rows
Deleted(rows_deleted)**

Explanation: A report was deleted from the database. The message identifies the LoadId, which represents the report in the system. The message also identifies the application group and the number of rows that were deleted from the database. This message is for your information only.

User Response: No action is required.

**ARS0085I ApplGroup Unload SM: Name(appl_grp_name) Agid(agid) NodeName(node_name) Nid(nid)
Server(server) LoadId(load_id) Objects Deleted(objects_deleted)**

Explanation: A report was deleted by the storage manager. The message identifies the LoadId, which represents the report in the system. The message also identifies the application group, the storage node, and the number of storage objects that were deleted. This message is for your information only.

User Response: No action is required.

ARS0086I ApplGroup Load DB: Name(appl_grp_name) Agid(agid) Rows(rows)

Explanation: A report was loaded into the database. The message identifies the application group and the number of rows that were loaded into the database. This message is for your information only.

User Response: No action is required.

ARS0087I ApplGroup Load: Name(*appl_grp_name*) LoadId(*load_id*) File(*file*) InputSize(*input_size*) OutputSize(*output_size*)

Explanation: A report was loaded into the system. The message identifies the application group, the input file, and the LoadId. This message is for your information only.

User Response: No action is required.

ARS0088E ApplGroup Failed Load: Name(*appl_grp_name*) LoadId(*load_id*) File(*file*)

Explanation: The load process failed.

User Response: See the other messages that were generated by the ARSLOAD program and see messages in the OnDemand System Log to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0089I CD-ROM Creation Manifest: Volume(*volume*)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0090I BulkProcess: Time(*time*)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0091I BulkPrint: Time(*time*)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0092I StorageNode Add: Name(*node_name*) Server(*server*) Nid(*nid*) Sid(*sid*)

Explanation: The specified storage node was added to the system. This message is for your information only.

User Response: No action is required.

ARS0093I StorageNode Delete: Name(*node_name*) Server(*server*) Nid(*nid*) Sid(*sid*)

Explanation: The specified storage node was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0094I StorageNode Update: Name(*node_name*) Server(*server*) Nid(*nid*) Sid(*sid*)

Explanation: The specified storage node was updated. This message is for your information only.

User Response: No action is required.

ARS0095I StorageSet Add: Name(*set_name*) Sid(*sid*)

Explanation: The specified storage set was added to the system. This message is for your information only.

User Response: No action is required.

ARS0096I StorageSet Delete: Name(*set_name*) Sid(*sid*)

Explanation: The specified storage set was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0097I • ARS0108E

ARS0097I StorageSet Update: Name(*set_name*) Sid(*sid*)

Explanation: The specified storage set was updated. This message is for your information only.

User Response: No action is required.

ARS0100I Printer Add: Name(*printer_name*) Queue(*queue*) Pid(*pid*)

Explanation: The specified server printed was added to the system. This message is for your information only.

User Response: No action is required.

ARS0101I Printer Delete: Name(*printer_name*) Queue(*queue*) Pid(*pid*)

Explanation: The specified server printer was deleted from the system. This message is for your information only.

User Response: No action is required.

ARS0102I Printer Update: Name(*printer_name*) Queue(*queue*) Pid(*pid*)

Explanation: The specified server printer was updated. This message is for your information only.

User Response: No action is required.

ARS0103I ApplGroup DocAdd: Name(*appl_grp_name*) Agid(*agid*) Flds(*fields*)

Explanation: A document was added to the specified application group. This message is for your information only.

User Response: No action is required.

ARS0104E popen failed for command >*command*<. errno=*errno*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0105E pclose failed for command >*command*<. errno=*errno*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0106E Unlink failed for file >*file*<. errno=*errno*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0107E Unknown file or directory in cache >*path_name*<

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0108E Unable to validate library server

Explanation: The library and object servers are attempting to validate that they belong to the same OnDemand instance.

User Response: Verify that the OnDemand instance is properly configured. Restart the servers. If the error persists, contact your IBM Service Representative.

ARS0109I **Cache Expiration: Internal Date**(*internal_date*) **MinPct**(*minimum_percentage*)
MaxPct(*maximum_percentage*) **Server**(*server*)

Explanation: The ARSMAINT program writes this message to the system log each time that it starts to expire data from cache storage. This message is for your information only.

User Response: No action is required.

ARS0110I **Cache Migration: Internal Date**(*internal_date*) **Server**(*server*)

Explanation: The ARSMAINT program writes this message to the system log each time that it starts to migrate data to archive storage. This message is for your information only.

User Response: No action is required.

ARS0111E **Unable to determine the link for the file** >*file_name*<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0112E **Unable to change permissions on the file** >*file_name*<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0113E **Cache Migration Failed: ApplGroup**(*appl_grp_name*) **Agid**(*agid*) **ObjName**(*object_name*) **Date**(*date*)
Server(*server*)

Explanation: The ARSMAINT program failed when attempting to migrate data to archive storage.

User Response: See the OnDemand System Log for other messages that are associated with the migration. If the problem persists, contact your IBM Service Representative.

ARS0114E **Unable to open file** >*file_name*<. **errno=errno**

Explanation: The command failed when attempting to open the specified file.

User Response: Verify that the file exists and that the file permissions are correct. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0115E **Unable to seek within file** >*file_name*< **from offset to length**. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0116E **Unable to stat file** >*file_name*<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0117E **Offset off and length len is larger than the size of the file** >*file_name*< **of size bytes**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0118E • ARS0128I

ARS0118E Unable to read from file >file_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0119E Unable to write to file >file_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0120E Unable to lock the file >file_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0122E Unable to close the file >file_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0123E Unable to stat filesystem >filesystem_name<. **errno=errno**

Explanation: The ARSMAINT program failed when attempting to run statistics on the specified filesystem.

User Response: Verify that the filesystem exists and verify the filesystem permissions. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0124I Filesystem Stats Name(filesystem_name) Data(percent_full%%) Inodes(inode_percent_full%%)

Explanation: The ARSMAINT program writes this message to the system log for each filesystem on which it runs statistics. This message is for your information only.

User Response: No action is required.

ARS0125E Unable to create symbolic link from file >symbolic_name< to >file_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0126I ApplGroup Document Expire: Name(appl_grp_name) Agid(agid) Cnt(documents_expired)

Explanation: The ARSMAINT program writes this message to the system log when using the Document expiration method to delete items from an application group. This message is for your information only.

User Response: No action is required.

ARS0127I ApplGroup Load Expire: Name(appl_grp_name) LoadId(agid-pri_nid-sec_nid-name-start_date-stop_date)

Explanation: The ARSMAINT program writes this message to the system log when using the Load expiration method to delete items from an application group. This message is for your information only.

User Response: No action is required.

ARS0128I ApplGroup Segment Expire: Name(appl_grp_name) Agid(agid) Seg(segment_name)

Explanation: The ARSMAINT program writes this message to the system log when using the Segment expiration method to delete items from an application group. This message is for your information only.

User Response: No action is required.

ARS0129A Filesystem Full Name(filesystem_name) **Data**(percent_full%%) **Inodes**(inode_percent_full%%)

Explanation: The cache storage filesystem is approaching full.

User Response: Either extend the existing cache storage filesystem or add new cache storage filesystems. When you make changes to the cache storage filesystem configuration, restart the server.

ARS0130E No logical place to store object >object_name<

Explanation: The command failed when attempting to store the object because there are no cache storage filesystems defined to the system or the archive storage manager is not properly configured.

User Response: To use cache storage, define and configure OnDemand cache storage filesystems. To use archive storage, install and configure the archive storage manager. Then restart the server and resubmit the command.

ARS0131E No logical place to retrieve object >object_name<

Explanation: The command failed when attempting to retrieve the object because there are no cache storage filesystems defined to the system or the archive storage manager is not properly configured.

User Response: To use cache storage, define and configure OnDemand cache storage filesystems. To use archive storage, install and configure the archive storage manager. Then restart the server and resubmit the command.

ARS0132I Printer Options Add: Name(printer_opts_name)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0133I Id Printer Options Add: Id(id) **Name**(printer_opts_name)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0134I Printer Options Delete: Name(printer_opts_name)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0135I Id Printer Options Delete: Id(id) **Name**(printer_opts_name)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0136I Printer Options Update: Name(printer_opts_name)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0137I Id Printer Options Update: Id(id) **Name**(printer_opts_name)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0138E • ARS0147E

ARS0138E BulkPrint Failed

Explanation: The server print function failed.

User Response: See the OnDemand System Log for other messages that are associated with the server print function. If the problem persists, contact your IBM Service Representative.

ARS0139E Unable to exec program >command<. errno=errno

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0140E Unable to fork. errno=errno, File=file, Line=line

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0141E Ran out of load-id naming conventions. Increase the size of the Application Group Object Size.

Explanation: While creating the object names, the system exceeded the maximum possible value.

User Response: Increase the Object Size on the Load Information page in the OnDemand application. Then resubmit the command.

ARS0142E Connection cannot be established for the >hostname< server

Explanation: The client failed when attempting to connect to the specified server.

User Response: Verify that the server is properly configured and that the server programs are running. Then resubmit the command.

ARS0143E Unable to create stream communications. errno=errno

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0144E Unable to create socket communications. errno=errno

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0145E The communication layer was unable to send data. errno=errno

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0146E The communication layer was unable to receive data. errno=errno

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0147E Unable to initialize server environment. rc=rc

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0149E Unable to initialize server communications. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0150E Unable to allocate enough memory. File=*file*, Line=*line*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0151E Unable to initialize server database system parameters. Contact your system administrator.

Explanation: The command failed when attempting to initialize the database.

User Response: Verify that the OnDemand instance and the database are properly configured. Then resubmit the command.

ARS0152E The command *>command<* can only be run by the owner of the command

Explanation: The command failed when attempting to run the specified command.

User Response: Log on to the system as the owner of the command and then resubmit the command.

ARS0153E Unable to change directory to *>directory_name<*. errno=*errno*

Explanation: The system failed when attempting to change to the specified directory.

User Response: Verify that the directory exists and verify the directory permissions. Then resubmit the command.

ARS0154E Unable to establish server communications with network. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0155E Server is unable to communicate to receive client requests. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0156E Server is unable to communicate request with SubSrvr

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0157E SubSrvr is unable to communicate request with Server

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0158E Server is unable to initialize database connection. rc=*rc*

Explanation: The server failed when attempting to initialize the database.

User Response: See the OnDemand System Log for other messages that are associated with database initialization. If the problem persists, contact your IBM Service Representative.

ARS0159E • ARS0167I

ARS0159E Server is unable to terminate database connection properly. rc=rc

Explanation: The server failed when attempting to terminate the database connection.

User Response: See the OnDemand System Log for other messages that are associated with database termination. If the problem persists, contact your IBM Service Representative.

ARS0160E Unable to load module >function_name<. rc=rc

Explanation: The system failed when attempting to load the specified dynamic load library.

User Response: Verify that the dynamic load library exists and verify the file permissions. Then resubmit the command.

ARS0161E The userexit >userexit_name< failed. rc=rc

Explanation: The specified user exit program failed.

User Response: Verify that the user exit program functions properly outside of the OnDemand environment. Then resubmit the command.

ARS0162E Unable to determine codepage. Check configuration file ars.cfg for ARS_CODEPAGE variable

Explanation: The command failed when attempting to determine the codepage.

User Response: Verify that the OnDemand instance is configured correctly and then resubmit the command.

ARS0163E Unable to initialize converter from (codepage, codeset) input_codepage, input_codeset to (codepage, codeset) output_codepage, output_codeset. rc=rc

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0164I ApplGroup Segment Maintenance: Name(appl_grp_name) Agid(agid) SegName(segment_name) Action(action) Time(time)

Explanation: The ARSMAINT program collected statistics on the specified table. This message is for your information only.

User Response: No action is required.

ARS0165I ApplGroup Segment Expire Maintenance: Name(appl_grp_name) Agid(agid) SegName(segment_name)

Explanation: The ARSMAINT program expired the specified segment from the specified application group. This message is for your information only.

User Response: No action is required.

ARS0166I ApplGroup Segment Export: Name(appl_grp_name) Agid(agid) SegName(segment_name) Time(time)

Explanation: The ARSMAINT program migrated the specified segment from the database to archive storage. This message is for your information only.

User Response: No action is required.

ARS0167I ApplGroup Segment Import: Name(appl_grp_name) Agid(agid) SegName(segment_name) Time(time)

Explanation: The ARSADMIN program imported the specified segment from archive storage to the database. This message is for your information only.

User Response: No action is required.

ARS0168E **ApplGroup Segment Not Available: Name(*appl_grp_name*) Agid(*agid*) SegName(*segment_name*)**

Explanation: The specified segment was required to perform a query, however, the segment was not found in the database.

User Response: Request that an administrator import the specified segment from archive storage to the database. Then resubmit the query.

ARS0169E **ApplGroup Segment Migration Failed: Name(*appl_grp_name*) Agid(*agid*) SegName(*segment_name*). rc=*rc***

Explanation: The command failed when attempting to migrate a segment.

User Response: See the OnDemand System Log for other messages that are associated with the migration. If the problem persists, contact your IBM Service Representative.

ARS0171E **ApplGroup Segment Exists: Name(*appl_grp_name*) Agid(*agid*) SegName(*segment_name*). rc=*rc***

Explanation: The command did not import the segment because the segment already exists in the database.

User Response: Verify the name of the segment and the name and ID of the application group. Then resubmit the command.

ARS0172E **Filesystem >*filesystem_name*< is not unique. It is common with filesystem >*common_filesystem_name*<**

Explanation: The specified filesystem is not unique.

User Response: Change the filesystem configuration so that it contains only unique filesystem names. Then restart the server and resubmit the command.

ARS0173I **Annotation Update: Name(*appl_grp_name*) Agid(*agid*)**

Explanation: An annotation was updated. This message is for your information only.

User Response: No action is required.

ARS0174I **Annotation Id Update: Id(*id*) Name(*appl_grp_name*) Agid(*agid*)**

Explanation: This message is for your information only.

User Response: No action is required.

ARS0175E **User >*user_name*< does not have permission to perform the specified action. File=*file*, Line=*line***

Explanation: The specified user does not have the permissions that are required to perform the action.

User Response: Verify the userid or update the user's permissions. Then resubmit the command.

ARS0176E **BulkTextSearch Failed**

Explanation: The command failed when attempting a text search.

User Response: See the OnDemand System log for other messages that are associated with the text search. If the problem persists, contact your IBM Service Representative.

ARS0178E **System call failed for command >*command*<. errno=*errno***

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0179E • ARS0188I

ARS0179E License Server Failed. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0180E License Server was unable to initialize the license management system. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0181E License Server failed during termination of the license management system. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0182E License Server was unable to acquire a license from the license management system. cnt=*count*, rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0183E License Server was unable to release a license from the license management system. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0184E License Server was unable to reactivate a license from the license management system. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0185E OnDemand license limit has been exceeded, currently *current_licenses* running only *entitled_licenses* are entitled. Please contact an IBM Service Representative.

Explanation: The number of concurrent users exceeds the number of entitled licenses for concurrent users.

User Response: Verify the number of client licenses that your organization is authorized to use. Verify the configuration of the client licenses for concurrent users. If the problem persists, contact your IBM Service Representative.

ARS0186I OnDemand started with a license limit of *entitled_licenses*

Explanation: The number of configured entitled licenses for concurrent users is displayed when the OnDemand Library Server starts.

User Response: No action is required.

ARS0187I Unable to establish thread server connection. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0188I Unable to create thread. rc=*rc*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0189E Unable to create pipe communications. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0190E System command failed >command<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0191I Segment >segment_name< unknown in System Migration

Explanation: The command failed when attempting to find the specified segment in the OnDemand System Migration application group.

User Response: Verify the migration parameters, including the name of the segment and the name of the application group. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0192E Unable to create file >file_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0193E Unable to query System Migration Application Group. **rc=rc**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0194E Unable to open directory >directory_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0195E Unable to close directory >directory_name<. **errno=errno**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS0196I Cache Expiration: **ApplGroup(appl_grp_name) Agid(agid) ObjName(object_name) Date(date)**
Server(server)

Explanation: The ARSMAINT program expired the specified storage object from the specified application group. This message is for your information only.

User Response: No action is required.

ARS0197I Cache Migration: **ApplGroup(appl_grp_name) Agid(agid) ObjName(object_name) Date(date)**
Server(server)

Explanation: The ARSMAINT program migrated the specified storage object from cache storage to archive storage. This message is for your information only.

User Response: No action is required.

ARS0198E • ARS0206I

ARS0198E Invalid ownership and/or permissions on cache file/directory >path_name<

Explanation: The ownership or permissions for the specified cache storage file or directory are not correct.

User Response: Verify the ownership and permissions for the cache storage filesystems and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0199E Unexpected empty directory in cache >directory_name<

Explanation: The cache directory is empty.

User Response: Verify the configuration of the cache storage filesystems and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS0200E CD-ROM Creation Failed: Volume(volume)

Explanation: The command failed when attempting to create the specified CD-ROM.

User Response: See the OnDemand System Log for other messages that are associated with the CD-ROM creation process. If the problem persists, contact your IBM Service Representative.

ARS0201I Concurrent Licenses: Current(current_licenses), **Maximum Allowed**(entitled_licenses)

Explanation: The server generates this message approximately every 30 minutes to display the number of concurrent users on the system (at the time that the message was generated). This message also displays the maximum number of concurrent users that are allowed on the system.

User Response: No action is required.

ARS0202I Concurrent Licenses: Maximum Achieved(maximum_licenses), **Maximum Allowed**(entitled_licenses)

Explanation: The server generates this message each time that the number of concurrent users on the system exceeds the last reported maximum number of concurrent users on the system. This message also displays the maximum number of concurrent users that are allowed on the system. The counter for the maximum number of concurrent users is reset to zero each time that the OnDemand library server is restarted.

User Response: No action is required.

ARS0203I ApplGroup Load: Name(appl_grp_name) **LoadId**(load_id) **File**(file) **InputSize**(input_size)
OutputSize(output_size)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0204I Printer Add: Name(printer_name) **Queue**(queue) **Pid**(pid)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0205I Printer Delete: Name(printer_name) **Queue**(queue) **Pid**(pid) **IdName**(id_name) **Id**(id)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0206I User Id Add: User(name) **Id**(id), **User**(owner_name) **Id**(owner_id), **Perms**(permissions)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0207I User Id Delete: User(name) Id(id), User(owner_name) Id(owner_id)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0208I User Id Update: User(name) Id(id), User(owner_name) Id(owner_id), Perms(permissions)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0209I User Id Add: User(name) Id(id), Group(owner_name) Id(owner_id), Perms(permissions)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0210I User Id Delete: User(name) Id(id), Group(owner_name) Id(owner_id)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0211I User Id Update: User(name) Id(id), Group(owner_name) Id(owner_id), Perms(permissions)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0212I BulkTextSearch: Time(time)

Explanation: This message is for your information only.

User Response: No action is required.

ARS0213I Unable to load the OnDemand DB2 dynamic load library (arsdb2). Check to make sure DB2 is installed and that the db2ln command has been run

Explanation: The command failed when attempting to load the DB2[®] dynamic load library.

User Response: Verify that DB2 is correctly installed and configured. Verify that the links were created for the DB2 files. (Verify that the db2ln command was run successfully.)

ARS0214I Unable to load the OnDemand Microsoft SQL Server dynamic load library (arsmssql.dll)

Explanation: The command failed when attempting to load the Microsoft[®] SQL Server dynamic load library.

User Response: Verify that Microsoft SQL Server is correctly installed and configured.

ARS0215I Unable to load the OnDemand Oracle dynamic load library (arsoracle). Check to make sure that Oracle is installed and that the Oracle shared library (libclntsh.a (AIX), libclntsh.so (SunOS), libclntsh.sl (HPUX), oci.dll (Windows) is in the shared library path

Explanation: The command failed when attempting to load the Oracle dynamic load library.

User Response: Verify that Oracle is correctly installed and configured.

**ARS0216E Unable to determine SMS/DMS tablespace type or filesystem is invalid >filesystem_name<.
 errno=errno**

Explanation: The definition for the SMS or DMS tablespaces is not valid.

User Response: Verify and correct the tablespace filesystem definitions. Then restart the server and resubmit the command.

ARS0217E **Application Group**(*appl_grp_name*) **Application**(*appl_name*) defines a document with a data type that can not be printed by this server

Explanation: The server print function failed to print a document.

User Response: The server print function could not handle the data type of the document that was selected to be printed. Resubmit the document to the local print function.

| **ARS0218E** *rtn,lmod,source,reason,cblock,addr,%s*

| **Explanation:** The software detected an inconsistency in a control block. An attempt was made to take an SDUMP, but one could not be taken, possibly because DAE prevented it.

| **User Response:** The software will attempt to recover. Search the problem reporting data base for a fix for the problem. If no fix exists, please contact the IBM Support Center.

| **ARS0219E** **ARSMVSR2** *Ssss Uuuuu RSN:xxxxxxx*

| **Explanation:** An ABEND occurred attempting to verify a user PassTicket. An SDUMP was attempted but one could not be taken.

| **User Response:** The attempt to logon to OnDemand via a PassTicket was rejected. There is probably an error with the information returned by the ARS.PTGN dynamic exit. Attempt to correct the exit.

ARS1000I **Usage:** **arsadmin** [**load** | **load_db** | **unload** | **store** | **retrieve**
 | **import** | **res_diff** | **postprocess_cmd** | **indexer** | **psf_options**
 | **msgs** | **compress** | **decompress** | **iconv**]
 Version: *version*

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1001I **Usage:** **arsadmin load** [**options**]

Version: *version*

load Load OnDemand

-a <name> Application Name. (Not needed if 1 app in appl group)
 -d <dir> If (-f), then directory to write object files into
 (Default current dir)
 -e <res_id>
 If (-r)
 0, Check for duplicates. (Default)
 Otherwise, Load as new resource
 Else
 Resource Id to use. (Defaults to 0, no resource)
 -f Create Objects as files. (Default: load while processing)
 -g <name> Application Group Name
 -h <hostname> OnDemand Hostname
 -i <ind_file> Input Index File
 -n <pri_nid-sec_nid> Primary/Secondary Node Identifiers
 -o <out_file> Output DB File
 -p <passwd> OnDemand User Login Password
 -r <res_file> Input Resource File
 -s <src_file> Input Doc Source File
 -u <userid> OnDemand User Login Name
 -y <char> Column Delimiter. (Default '|')

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1002I Usage: **arsadmin load_db [options]**

Version: *version*

load_db Load the database from a file

- a <name> Application Name. (Not needed if 1 app in appl group)
- g <name> Application Group Name
- h <hostname> OnDemand Hostname
- p <passwd> OnDemand User Login Password
- s <db_file> Input Database File
- u <userid> OnDemand User Login Name
- y <char> Column Delimiter. (Default '|')
- L <load_id> LoadId to use for OnDemand

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1003I Usage: **arsadmin unload [options]**

Version: *version*

unload Unload a LoadId from OnDemand

- g <name> Application Group Name
- h <hostname> OnDemand Hostname
- p <passwd> OnDemand User Login Password
- u <userid> OnDemand User Login Name
- L <load_id> LoadId to delete from OnDemand
- Q Continue if unable to find LoadId in System Log

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1004I Usage: **arsadmin store [options]**

Version: *version*

store Load file(s) into OnDemand

- d <dir> Directory to find files. (Default current dir)
- g <name> Application Group Name
- h <hostname> OnDemand Hostname
- m <loc> The location to load the data
- The values are additive. (Default: 7)
- 1 Cache (If exists)
- 2 Primary Node (If exists)
- 4 Secondary Node (If exists)
- n <pri_nid-sec_nid> Primary/Secondary Node Identifiers
- p <passwd> OnDemand User Login Password
- u <userid> OnDemand User Login Name
- <file1..n> List of files

Explanation: An incorrect parameter was specified for the command

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1005I Usage: **arsadmin retrieve [options]**

Version: *version*

retrieve Retrieve file(s) from OnDemand

-b <off> Offset to begin at. (Default 0)
 -d <dir> Directory to retrieve files into. (Default current dir)
 -g <name> Application Group Name
 -h <hostname> OnDemand Hostname
 -l <len> Length to end at. (Default object size)
 -m <loc> The location to extract the data
 The values are additive. (Default: 3)
 1 Cache (If exists)
 2 Primary Node (If exists)
 4 Secondary Node (If exists)
 -n <pri_nid-sec_nid> Primary/Secondary Node Identifiers
 -p <passwd> OnDemand User Login Password
 -u <userid> OnDemand User Login Name
 <file1..n> Retrieve file(s) from OnDemand

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1006I Usage: **arsadmin import [options]**

Version: *version*

import Import Database Table

-g <name> Application Group Name
 -h <hostname> OnDemand Hostname
 -p <passwd> OnDemand User Login Password
 -u <userid> OnDemand User Login Name
 <table_name> Tablename to reimport

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1007I Usage: **arsadmin res_diff [options]**

Version: *version*

res_diff Resource Comparison

-a <name> Application Name. (Not needed if 1 app in appl group)
 -g <name> Application Group Name
 -h <hostname> OnDemand Hostname
 -n <pri_nid-sec_nid> Primary/Secondary Node Identifiers
 -p <passwd> OnDemand User Login Password
 -u <userid> OnDemand User Login Name
 <res_file1..n> Resource File(s) to compare to existing resources

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1008I Usage: **arsadmin postprocess_cmd [options]**

Version: *version*

postprocess_cmd Write the Post Process Command on stdout

- a <name> Application Name. (Not needed if 1 app in appl group)
- g <name> Application Group Name
- h <hostname> OnDemand Hostname
- p <passwd> OnDemand User Login Password
- u <userid> OnDemand User Login Name

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1009I Usage: **arsadmin indexer [options]**

Version: *version*

indexer Write the Indexer and Indexer Parmes on stdout

- a <name> Application Name. (Not needed if 1 app in appl group)
- g <name> Application Group Name
- h <hostname> OnDemand Hostname
- p <passwd> OnDemand User Login Password
- u <userid> OnDemand User Login Name

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1010I Usage: **arsadmin psf_options [options]**

Version: *version*

psf_options Write the PSF Print Options on stdout

- a <name> Application Name. (Not needed if 1 app in appl group)
- g <name> Application Group Name
- h <hostname> OnDemand Hostname
- p <passwd> OnDemand User Login Password
- u <userid> OnDemand User Login Name

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1011I Usage: **arsadmin msgs [options]**

Version: *version*

msgs Log messages to the server

- h <hostname> OnDemand Hostname
- p <passwd> OnDemand User Login Password
- s <src_file> Input ASCII Text File to store with message
- u <userid> OnDemand User Login Name
- M <msg_num> OnDemand Message Number
- [arg1] [arg2] [arg3] [arg4]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1012I Usage: **arsadmin compress [options]**

Version: *version*

compress Compress a file

- b <off> Offset to begin at. (Default 0)
- c <type> Document Compress Type
 - 'D' Disable compression
 - 'L' LZW12 Compression
 - 'N' No Compression
 - 'O' OD77 Compression (Default)
 - 'Z' LZW16 Compression
- l <len> Length to end at. (Default file size)
- o <out_file> Output File
- s <src_file> Input File

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1013I Usage: **arsadmin decompress [options]**

Version: *version*

decompress Decompress a file

- b <off> Offset to begin at. (Default 0)
- c <type> Document Compress Type
 - 'D' Disable compression
 - 'L' LZW12 Compression
 - 'N' No Compression
 - 'O' OD77 Compression (Default)
 - 'Z' LZW16 Compression
- l <len> Length to end at. (Default file size)
- o <out_file> Output File
- s <src_file> Input File

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1014I Usage: **arsadmin iconv [options]**

Version: *version*

iconv Performs codepage conversion

- o <out_file> Output File
- s <src_file> Input File
- F <from_codepage> Input File Codepage
- T <to_codepage> Output File Codepage

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1015I Usage: **arsadmin logid [options]**

Version: *version*

logid Get a log id from the server

- h <hostname> OnDemand Hostname

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

-
- | **ARS1017E** Storage node >node_name< on object server >obj_server_name< does not exist in storage set >set_name<
- | **Explanation:** The storage node cannot be found in the storage set that is used by the application group.
- | **User Response:** Resubmit the command with a storage node that exists in the storage set that is used by the application group.
-
- | **ARS1018E** The CC Type that was returned by the user exit program is not valid
- | **Explanation:** The user exit has returned an unknown CC type.
- | **User Response:** Change the user exit program to return a valid CC type and resubmit the command.
-
- | **ARS1019E** The RECFM value that was returned by the user exit program is not valid
- | **Explanation:** The user exit has returned an unknown RECFM.
- | **User Response:** Change the user exit program to return a valid RECFM and resubmit the command.
-
- | **ARS1020E** The LRECL value of >lrecl< that was returned by the user exit program is not valid
- | **Explanation:** The user exit has returned an invalid LRECL value.
- | **User Response:** Change the user exit program to return an LRECL value in the range of 1 (one) to 32767 and resubmit the command.
-
- | **ARS1021E** An application cannot be specified without specifying an application group
- | **Explanation:** If the name of an application is specified, the application group must also be specified.
- | **User Response:** Resubmit the command with the name of the application group.
-
- | **ARS1022E** An application group is required when a storage node is specified
- | **Explanation:** If a storage node is specified, the application group is necessary to determine whether the storage node is valid.
- | **User Response:** Resubmit the command with the name of the application group.
-
- | **ARS1023E** Userid >userid< does not have permission to update application >appl_name< in application group >applgrp_name<
- | **Explanation:** The specified user does not have permission to perform the action.
- | **User Response:** Update the user to provide the user with permission to perform the action and then resubmit the command. Otherwise, resubmit the command with a different userid.
-
- | **ARS1024I** Usage: sm_expire [options]
- | Version: *version*
- | sm_expire Unloads a list of objects
- | -h <hostname> OnDemand Hostname
- | -p <passwd> OnDemand User Login Password
- | -s <src_file> Input file containing the list of objects to be expired
- | -u <userid> OnDemand User Login Name
- | **Explanation:** An incorrect parameter was specified for the command.
- | **User Response:** Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand Administration Guide.
-

ARS1025I • ARS1107E

| **ARS1025I** An invalid sm_expire object *object* was found at line *lineno* of file *file*

| **Explanation:** An invalid sm_expire object was found.

| **User Response:** Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand Administration Guide.

| **ARS1026E** The Delimiter value of *>delim<* that was returned by the user exit program is not valid.

| **Explanation:** The user exit has returned an invalid Delimiter value.

| **User Response:** Change the user exit program to return a delimiter string that contains valid hexadecimal values such as 25, 0A, or 0D0A.

ARS1101E Application Group and Application were not specified

Explanation: The name of the application group to process was not specified. If there is more than one application in the application group, then the name of the application to process must also be specified.

User Response: Resubmit the command with the name of the application group and the name of the application.

ARS1102E Invalid option *>-option<* for command *>command<*

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1103E Option *>-option<* requires an argument

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1104E The option *>-option<* argument *>argument<* is invalid

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1105E Userid or password is invalid

Explanation: An incorrect userid or password was specified.

User Response: Resubmit the command with a valid userid and password.

ARS1106E Connection cannot be established for the *>hostname<* server

Explanation: The command could not communicate with the specified server.

User Response: Resubmit the command with the valid name of an OnDemand server. If the problem persists, verify that the server is running and is configured correctly.

ARS1107E An unexpected error occurred. Contact your System Administrator and/or consult the System Log. File=*file*, Line=*line*

Explanation: An unexpected error occurred during the execution of the program.

User Response: See the OnDemand System Log for other messages that are associated with the command. If the problem persists, contact your IBM Service Representative.

ARS1108E User >*user_name*< does not have permission to perform the specified action

Explanation: The specified user does not have permission to perform the action.

User Response: Update the user to provide the user with permission to perform the action and then resubmit the command. Otherwise, resubmit the command with a different userid.

ARS1109E Unable to allocate enough memory. File=*file*, Line=*line*

Explanation: The command failed when attempting to allocate sufficient memory to run the action.

User Response: Determine why memory could not be allocated by looking at the operating system and application task status. If the problem persists, contact your IBM Service Representative.

ARS1110E The application group >*appl_grp_name*< does not exist or user >*user_name*< does not have permission to access the application group

Explanation: The specified application group name is not correct or the specified user does not have permission to perform the action.

User Response: Verify the name of the application group. Verify the userid and verify that the userid has permission to perform the action. Then resubmit the command.

ARS1111E The application >*appl_name*< does not exist within the application group >*appl_grp_name*<

Explanation: The specified application does not belong to the specified application group.

User Response: Verify the name of the application and the name of the application group. Then resubmit the command.

ARS1112E Unable to open the file: *file_name*

Explanation: The specified file does not exist or the permissions do not allow the file to be opened.

User Response: Verify that the file exists. Verify that the file permissions allow the file to be opened. Then resubmit the command.

ARS1113E Unable to seek to position *offset* in the file: *file_name*

Explanation: The command failed when attempting to seek to the correct position within the file.

User Response: Verify the file permissions and then resubmit the command.

ARS1114E Unable to read from offset *offset_position* for length *length_position* from the file: *file_name*

Explanation: The command failed when attempting to read the file.

User Response: Verify and correct the offset and length values for the file and then resubmit the command.

ARS1115E Unable to write the file: *file_name*

Explanation: The command failed when attempting to write to the file.

User Response: Verify that the location for the file contains sufficient free space to write to the file. Then resubmit the command.

ARS1116E Unable to close the file: *file_name*

Explanation: The command failed when attempting to close the file.

User Response: Verify that the location for the file contains sufficient free space to close the file. Then resubmit the command.

ARS1117E • ARS1126E

ARS1117E **Unable to gather statistics about the file:** *file_name*

Explanation: The command failed when attempting to get information about the file.

User Response: Verify that the file exists and verify the file permissions. Then resubmit the command.

ARS1118E **Unable to create the file:** *file_name*

Explanation: The command failed when attempting to create the file.

User Response: Verify that the directory in which the file is being created has sufficient free space and that the directory permissions allow for the creation of files. Then resubmit the command.

ARS1119E **File >*file_name*< is empty**

Explanation: The specified file contains no data.

User Response: Verify the name of the file and that the file was created correctly. Resubmit the command with a valid file.

ARS1120E **The LZW decompression only handles files with a maximum of *lzw_bits* bits**

Explanation: The LZW compression algorithm can only handle from 12 to 16 bits.

User Response: See the OnDemand System Log for other messages that are associated with the compression. If the problem persists, contact your IBM Service Representative.

ARS1121E **The input file is not in LZW compressed format**

Explanation: The input file is not in the LZW format.

User Response: Resubmit the command with the correct compression format.

ARS1122E **Unable to open the *input_codepage* to *output_codepage* iconv converter**

Explanation: The command failed when attempting to open the codepage converter.

User Response: Contact your IBM Service Representative.

ARS1123E **Row *row_number*: The iconv converter failed converting string >*string*<. *errno* = *errno***

Explanation: The command failed when attempting to convert a string.

User Response: Verify that the data is valid within the specified codepages. If the problem persists, contact your IBM Service Representative.

ARS1124E **Row *row_number*: The value '*value*' cannot be converted to a valid small integer**

Explanation: Invalid value for a small integer.

User Response: Change the indexing information so that the value is a valid small integer.

ARS1125E **Row *row_number*: The value '*value*' cannot be converted to a valid integer**

Explanation: Invalid value for an integer.

User Response: Change the indexing information so that the value is a valid integer.

ARS1126E **Row *row_number*: The value '*value*' cannot be converted to a valid decimal number**

Explanation: Invalid value for a decimal.

User Response: Change the indexing information so that the value is a valid decimal.

ARS1127E Row *row_number*: The string `\string\` has a length of *length* and the field has a maximum length of *field_length*

Explanation: The length of a string exceeds the field length.

User Response: Change the indexing information so that the string is a valid length.

ARS1128E Row *row_number*: The string `\string\` has the column delimiter in it

Explanation: The command failed because the specified string contains a character that is the same as the column delimiter that is currently being used by the command.

User Response: Resubmit the command with a different column delimiter.

ARS1129E Row *row_number*: The string `\string\` could not be converted to a date from the format of *date_format*

Explanation: The string could not be converted to a date.

User Response: Change the date value to match the default date format or specify a different date format.

ARS1130E *submitted_fields* fields submitted by the indexer, *expected_fields* expected

Explanation: The load program cannot continue unless it receives all of the fields that are required to store the document.

User Response: Verify that the indexing parameters correctly identify all of the fields that are required. Then resubmit the command.

ARS1131E The compressed object is too small to compress

Explanation: There is not enough input data for the LZW compression algorithm to compress.

User Response: Resubmit the command with a different compression option. IBM recommends that you specify the OD77 compression option.

ARS1132I The compressed object has compressed larger than the original data

Explanation: The compressed data has become larger than the original input data.

User Response: Update the application to change the compression option to Disable. Then resubmit the command.

ARS1133I The last row successfully loaded was *row_number*

Explanation: This message is for your information only.

User Response: No action is required.

ARS1134E Invalid structured field header in the file *file_name*

Explanation: The AFP™ data contains an invalid structured field header.

User Response: Verify that the AFP data conforms to the AFP specification. Refer to the *Mixed Object Document Content Architecture Reference* for more information about the correct format of the structured field.

ARS1135E Unable to find the *X'structured_field'* structured field in the file *file_name*

Explanation: The AFP data does not contain a required structured field.

User Response: Verify that the AFP data conforms to the AFP specification. Refer to the *Mixed Object Document Content Architecture Reference* for more information about the correct format of the structured field.

ARS1136E • ARS1143I

ARS1136E Unexpected structured field X'*structured_field*' in the file *file_name*

Explanation: The AFP data contains an invalid structured field.

User Response: Verify that the AFP data conforms to the AFP specification. Refer to the *Mixed Object Document Content Architecture Reference* for more information about the correct format of the structured field.

ARS1137E Unable to find the triplet X'*triplet*' for the structured field X'*structured_field*' in file *file_name*

Explanation: The AFP data does not contain a required triplet for the structured field.

User Response: Verify that the AFP data conforms to the AFP specification. Refer to the *Mixed Object Document Content Architecture Reference* for more information about the correct format of the structured field.

ARS1138W Warning: Unable to find the triplet X'*triplet*' for the structured field X'*structured_field*' in the file *file_name*

Explanation: The AFP data does not contain a required triplet for the structured field, however processing can continue.

User Response: Verify that the AFP data conforms to the AFP specification. Refer to the *Mixed Object Document Content Architecture Reference* for more information about the correct format of the structured field.

ARS1139E Unable to find the triplet X'*triplet*' of type X'*type*' for the structured field X'*structured_field*' in the file *file_name*

Explanation: The AFP data does not contain a required triplet type for the structured field.

User Response: Verify that the AFP data conforms to the AFP specification. Refer to the *Mixed Object Document Content Architecture Reference* for more information about the correct format of the structured field.

ARS1140I Resource *resource_name* matches the resource >*rid-pri_nid-sec_nid*<

Explanation: A resource that is used by a document already exists on the system. OnDemand will use the resource that exists on the system. This message is for your information only.

User Response: No action is required.

ARS1141I Resource *resource_name* does not match any existing resources

Explanation: The specified resource does not exist on the system. This message is for your information only.

User Response: No action is required.

ARS1142I Resource *resource_name* will be added as resource >*rid-pri_nid-sec_nid*<. Compression Type(*compress_type*) Original Size(*original_size*) Compressed Size(*compressed_size*)

Explanation: The specified resource was added to the system. This message is for your information only.

User Response: No action is required.

ARS1143I The field name '*field_name*' found in the index file does not match any expected fields. The field will be ignored.

Explanation: The specified field was found in the index file. However, the field will not be used because it is not defined in the application group.

User Response: No action is required. However, you should verify that the field is not needed to load or retrieve data.

ARS1144I **OnDemand Load Id = >agid-pri_nid-sec_nid-name-start_date-stop_date<**

Explanation: This message is for your information only.

User Response: No action is required.

ARS1145E **Line *line_number*: Unable to read next column from input file**

Explanation: The command failed when attempting to read the input file.

User Response: Verify that the input file is properly constructed and then resubmit the command.

ARS1146I **Loaded *rows* rows into the database**

Explanation: This message is for your information only.

User Response: No action is required.

ARS1147I ***rows* rows written to output file**

Explanation: This message is for your information only.

User Response: No action is required.

ARS1148E **This application has no indexer defined**

Explanation: There is no indexer associated with the OnDemand application.

User Response: Use the administrative client to update the application. Specify an Indexer on the Indexing Information page. Then resubmit the command.

ARS1149E **This application has an unknown type of indexer**

Explanation: The indexer that is specified for the application is not a valid indexer.

User Response: Use the administrative client to update the application. Specify an Indexer on the Indexing Information page. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS1150E **Document offset cannot be determined from *value***

Explanation: The command failed when attempting to determine the offset of the document.

User Response: Correct the index file. Specify a valid offset. Then resubmit the command.

ARS1151E **Document length cannot be determined from *value***

Explanation: The command failed when attempting to determine the length of the document.

User Response: Correct the index file. Specify a valid length. Then resubmit the command.

ARS1152E **Could not find the field name header information**

Explanation: The index file does not conform to the OnDemand generic index file format.

User Response: Correct the index file so that it conforms to the OnDemand generic index file format. Then resubmit the command. Refer to the *Indexing Reference* for information about and examples of the OnDemand generic index file.

ARS1153E **Unexpected end of file. Expected *expected_fields* fields, got only *received_fields***

Explanation: The index file does not contain enough index fields.

User Response: Correct the index file so that it conforms to the OnDemand generic index file format. Then resubmit the command. Refer to the *Indexing Reference* for information about and examples of the OnDemand generic index file.

ARS1154W • ARS1162E

ARS1154W The password for userid *>user_name<* has expired, please change password

Explanation: The user's password has expired.

User Response: Change the password for the user and then resubmit the command.

ARS1155E Unable to fork. *errno=errno, File=file, Line=line*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS1156E The command *>command<* must be run as the instance owner *>instance_owner<*

Explanation: The command must be run under the userid of the instance owner.

User Response: Resubmit the command and specify the userid of the instance owner.

ARS1157E Unable to store the object *>object_name<*. Object size *object_size*

Explanation: The command failed when attempting to store the specified object.

User Response: See the OnDemand System Log for other messages that are associated with the command. If the problem persists, contact your IBM Service Representative.

ARS1158E Failed while attempting to load the database

Explanation: OnDemand failed when attempting to load the database.

User Response: See the OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1159E Unable to retrieve the object *>object_name<*

Explanation: The command failed when attempting to retrieve the specified object.

User Response: See the OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS1160E Unable to get resource identifier

Explanation: The command failed when attempting to get a resource identifier.

User Response: See the OnDemand System Log for other messages that are associated with the resource. If the problem persists, contact your IBM Service Representative.

ARS1161E Unable to get LoadId

Explanation: The command failed when attempting to get a LoadId.

User Response: See the OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1162E Unable to unload data from OnDemand

Explanation: The command failed when attempting to unload data.

User Response: See the OnDemand System Log for other messages that are associated with the unload process. If the problem persists, contact your IBM Service Representative.

ARS1163E No source file was specified

Explanation: A source (input) file was not specified.

User Response: Resubmit the command with a valid source (input) file.

ARS1164E Unable to register the resource

Explanation: The command failed when attempting to register a resource.

User Response: See the OnDemand System Log for other messages that are associated with the resource. If the problem persists, contact your IBM Service Representative.

ARS1165E Unable to get existing resource information

Explanation: The command failed when attempting to get existing resource information.

User Response: See the OnDemand System Log for other messages that are associated with the resource. If the problem persists, contact your IBM Service Representative.

ARS1166E Unable to save load information

Explanation: The command failed when attempting to save load information.

User Response: See the OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1167E Warning: Resource >resource_name< is empty, no resource will be used for documents

Explanation: The resource file is empty.

User Response: Verify that the data that is being loaded does not require resources.

ARS1168E Unable to determine Storage Node

Explanation: The command failed to get the storage node information.

User Response: See the OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS1169W The object already exists

Explanation: The object already exists.

User Response: Resubmit the command with the correct parameters.

ARS1170W The object does not exist

Explanation: The object does not exist.

User Response: Resubmit the command with the correct parameters.

ARS1171E The client and server are incompatible. Reinstall OnDemand

Explanation: The client software and the server software are not the same version or are not compatible versions.

User Response: Upgrade the client software and / or the server software to the same or a compatible version.

ARS1172E The operation was unsuccessful because the database is read-only

Explanation: The command failed when attempting to process a read-only instance of OnDemand.

User Response: Verify the instance of OnDemand that you want to process and resubmit the command.

ARS1173E • ARS1181E

ARS1173E The server connection has timed out

Explanation: The server forced the command to log off the server because the command did not perform an action on the server within the interval of time that is specified by the Inactivity Time Out value.

User Response: To proceed, log off the server, log back on to the server, and then resubmit the command. A system administrator can increase the Inactivity Time Out value by starting the administrative client, logging on to the server, and then opening the System Parameters dialog box for the server. See the online help for the System Parameters dialog box for more information about the Inactivity Time Out value.

ARS1174E Internal product logic error. File=*file*, Line=*line*

Explanation: The program encountered a logic error.

User Response: Contact your IBM Service Representative.

ARS1175I Document compression type used - *compress_type*. Bytes Stored = *>bytes_stored<*

Explanation: This message is for your information only.

User Response: No action is required.

ARS1176E Large Object had no pages specified. Make sure data has been properly indexed.

Explanation: To load large object documents into the system, the load process requires page-level indexing information.

User Response: Verify that the indexing parameters are correct and enable the collection of page-level indexing information. Then resubmit the command.

ARS1177E Field *>field_name<* was expected but not specified

Explanation: The command expected to find a field, but the field was not specified.

User Response: Verify and correct the indexing parameters. Then resubmit the command.

ARS1178E Compression failed. rc=*rc*

Explanation: The command failed when attempting to compress the data.

User Response: Contact your IBM Service Representative.

ARS1179E ICONV Conversion failed. rc=*rc*

Explanation: The command failed when attempting to convert the data.

User Response: Contact your IBM Service Representative.

ARS1180E Unable to remove the file: *file_name*, *errno=errno*

Explanation: The command failed when attempting to remove a file.

User Response: Verify that the file exists and verify the file permissions. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS1181E The specified LoadId is not valid for the Application Group

Explanation: The LoadId is not valid for the application group.

User Response: Resubmit the command with a LoadId that is valid for the application group.

ARS1182E **Unable to convert multibyte character string >string< to wide character string**

Explanation: The command failed when attempting to convert a multibyte character string.

User Response: Contact your IBM Service Representative.

ARS1183E **Unable to convert wide character string >string< to multibyte character string**

Explanation: The command failed when attempting to convert a multibyte character string.

User Response: Contact your IBM Service Representative.

ARS1184I **OnDemand UnLoad Successful - LoadId(*agid-pri_nid-sec_nid-name-start_date-stop_date*) Rows Deleted(*rows_deleted*)**

Explanation: A report was successfully deleted from the system. This message is for your information only.

User Response: No action is required.

ARS1185W **Warning: Unable to find LoadId in System Log**

Explanation: The command failed to find the LoadId in the System Log. The requested action cannot proceed.

User Response: Resubmit the command with a valid LoadId.

ARS1186I **LoadId matches existing LoadId in System Log**

Explanation: The command located the LoadId in the System Log. Processing continues. This message is for your information only.

User Response: No action is required.

ARS1187W **Warning: LoadId (*load_id*) partially matches existing LoadId (*existing_load_id*) in System Log**

Explanation: The command located a LoadId in the System Log that contains some of the elements of the specified LoadId. The requested action cannot proceed.

User Response: Verify that the LoadId is valid and then resubmit the command.

ARS1188E **Unloading will not continue, specify -Q option to continue**

Explanation: The command failed when attempting to find the LoadId. The unload command will not continue.

User Response: Resubmit the command with the -Q parameter.

ARS1189W **Unloading will continue, however you may need to resubmit this command with the correct LoadId**

Explanation: The specified LoadId will be deleted. However, because the LoadId does not represent a complete load process, you may need to take additional action to completely remove the report from the system.

User Response: Resubmit the command with the LoadId that represents the complete load process.

ARS1190E **Unable to determine codepage from codeset *rc***

Explanation: OnDemand was not to determine the codepage / codeset.

User Response: Contact your IBM Service Representative.

ARS1191E **Unable to terminate the iconv conversion *rc***

Explanation: The command failed when attempting to terminate the codepage conversion.

User Response: Contact your IBM Service Representative.

ARS1192I • ARS1199E

ARS1192I OnDemand Login:

Explanation: The command prompts for a userid that is valid on the instance of OnDemand that is being processed.

User Response: Type a valid userid and then press Enter to continue.

ARS1193I OnDemand Password:

Explanation: The command prompts for the password of the userid that was specified.

User Response: Type the user's password and then press Enter to continue.

ARS1194I OnDemand Application Group:

Explanation: The command prompts for the name of the application group to process.

User Response: Type the name of the application group and then press Enter to continue.

ARS1195I OnDemand Folder:

Explanation: The command prompts for the name of the folder to process.

User Response: Type the name of the folder and then press Enter to continue.

ARS1196E Invalid generic index file format: >value<

Explanation: The index file contains incorrect index data.

User Response: Verify that the index file conforms to the OnDemand generic index file format. Then resubmit the command. Refer to the *Indexing Reference* for information about and examples of the OnDemand generic index file.

ARS1197E Invalid generic index file format sequence

Explanation: The index file contains incorrect index data.

User Response: Verify that the index file conforms to the OnDemand generic index file format. Then resubmit the command. Refer to the *Indexing Reference* for information about and examples of the OnDemand generic index file.

ARS1198E Field >field_name< does not match existing Application alias >alias<

Explanation: The specified field does not match the specified application alias.

User Response: Verify that the alias is defined for the application. Start the administrative client to update the application group. Move to the Field Information page. Select the field from the Field list. Under Mapping, verify and correct the alias information. Then resubmit the command.

ARS1199E Field >field_name< specified multiple times when only one was expected

Explanation: The specified field appears more than once in the index file.

User Response: Verify that the correct fields are specified in the index file. Then resubmit the command.

ARS1201I Usage: arsmaint [-c [-n <min>] [-x <max>]] [-d] [-e] [-f <full>] [-g <name>] [-i] [-I <od_inst>] [-m] [-r] [-R] [-t <internal_date>] [-u <userid>] [-p <passwd>]]

Version: *version*

- c Expire Cache
- d Expire Database
- e Migrate Database Tables
- f <full> Cache Full - When to send alert message (defaults to 95%%)
- g <name> Application Group Name (Defaults to all)
- i Expire Migrated Imported Database Tables
- I <od_inst> OnDemand Instance Name
- m Migrate Cache
- n <min> Min cache threshold percentage (Only for -c, Defaults to 80%%)
- p <passwd> OnDemand Passwd (Only for -t)
- r Database Statistics
- R Reload Resources
- s Cache Filesystem statistics
- t <internal_date> Internal Date To Expire/Migrate (Defaults to Today)
- u <userid> OnDemand Userid (Only for -t)
- v Verify/Validate Cache Filesystems
- x <max> Max cache threshold percentage (Only for -c, Defaults to 80%%)

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1202E User >user_name< does not have permission to expire data on Application Group >appl_grp_name<

Explanation: The specified user does not have permission to delete data from the specified application group.

User Response: Specify a user that has permission to delete data from the application group or permit the specified user to delete data from the application group. Then resubmit the command.

ARS1301I Usage: arstblsp [-a <action>] [[-g <name>] [-I <od_inst>] [-t <table>]] [-u <userid>] [-p <passwd>]

Version: *version*

- a <action> Action to perform
 - 0 - Copy tables into their own tablespace, must specify -g
 - 1 - Close a table that is still open for loading, must specify -g
 - 2 - List the tables that do not have their own tablespace
 - 3 - List the tables that are still open for loading
- d <dir> Directory for export/import file (UNIX default uses a named pipe)
- g <name> Application Group Name
- I <od_inst> OnDemand Instance Name
- p <passwd> OnDemand Passwd
- t <table> Table Name
- u <userid> OnDemand Userid

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS1302E Application Group >appl_grp_name< is currently not configured for tablespaces

Explanation: The specified application group is not configured to use tablespaces.

User Response: To configure the application group to use tablespaces, update the application group with the administrative client. On the General page, click Advanced. Under Create Tablespace Type, click SMS. Then resubmit the command.

ARS1303I • ARS1311E

ARS1303I **No Tablespace: ApplGroup(*appl_grp_name*) Agid(*agid*) Table(*table_name*)**

Explanation: This message is for your information only.

User Response: No action is required.

ARS1304I **Table still open for loading: ApplGroup(*appl_grp_name*) Agid(*agid*) Table(*table_name*)**

Explanation: The specified table is still open for loading. A table that is open for loading cannot be migrated to a table space.

User Response: Verify the name of the application group and the name of the table. Close the table with the ARSTBLSP program. Then resubmit the command.

ARS1305I **Closed table successfully: ApplGroup(*appl_grp_name*) Agid(*agid*) Table(*table_name*)**

Explanation: The ARSTBLSP program successfully closed the specified table. This message is for your information only.

User Response: No action is required.

ARS1306E **Unable to close table: ApplGroup(*appl_grp_name*) Agid(*agid*) Table(*table_name*)**

Explanation: The ARSTBLSP program failed when attempting to close the specified table.

User Response: Verify the name of the application group and the name of the table. See the OnDemand System Log for other messages that are associated with the task. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS1307I **Table Empty - Deleted: ApplGroup(*appl_grp_name*) Agid(*agid*) Table(*table_name*)**

Explanation: This message is for your information only.

User Response: No action is required.

ARS1308E **Unable to delete table: ApplGroup(*appl_grp_name*) Agid(*agid*) Table(*table_name*)**

Explanation: The ARSTBLSP program failed when attempting to delete the specified table.

User Response: Verify the name of the application group and the name of the table. See the OnDemand System Log for other messages that are associated with the task. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS1309I **Successful copy of table: ApplGroup(*appl_grp_name*) Agid(*agid*) OldTable(*old_table_name*)
NewTable(*new_table_name*)**

Explanation: This message is for your information only.

User Response: No action is required.

ARS1310E **Copy of table failed: ApplGroup(*appl_grp_name*) Agid(*agid*) Table(*table_name*)**

Explanation: The ARSTBLSP program failed when attempting to copy the specified table.

User Response: See the OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS1311E **User >*user_name*< does not have permission to convert tablespace data on Application Group
>*appl_grp_name*<**

Explanation: The specified user does not have permission to convert tablespace data for the application group.

User Response: Specify a user that does have permission to convert tablespace data for the application group or permit the specified user to have administrator authority for the application group. Then resubmit the command.

ARS2061W Change Expired Logon Password

Explanation: The server determined that the password for the user has expired.

User Response: Update the user's password and then resubmit the command.

ARS2063I Accessing database

Explanation: This message is for your information only.

User Response: No action is required.

ARS2067I Logon to Server '*hostname*'

Explanation: This message is for your information only.

User Response: No action is required.

ARS2068I *action* a Server

Explanation: This message is for your information only.

User Response: No action is required.

ARS2071I Please Select a Computer

Explanation: This command failed because a computer was not specified.

User Response: Select a computer and then resubmit the command.

ARS2072I Do you wish to exit without Adding or Updating your last change?

Explanation: The Cancel command was submitted but changes have not been committed.

User Response: Specify whether to exit the command without adding or updating the last change.

ARS2073E The Port value must be 1-4 digits

Explanation: The port number that was specified is not a valid port number.

User Response: Specify a valid port number and then resubmit the command.

ARS2074E The Drive Letter value must be a single alphabetic character

Explanation: The drive letter that was specified is not a valid drive letter.

User Response: Specify a single alphabetic drive letter and then resubmit the command.

ARS2075E A server must be chosen. If none are listed, use the Update Servers button to define one or more servers.

Explanation: The Logon command was attempted but a server was not specified.

User Response: Select a server from the list or use the Update Servers command to add a server. Then try the Logon command again.

ARS2076E * LOGIC ERROR: An unknown message id was returned by the Common Server**

Explanation: OnDemand encountered a logic error.

User Response: Contact your IBM Service Representative.

ARS2077E • ARS2085E

ARS2077E Mapping file '*file_name*' for codepage *codepage* not found. The default will be used.

Explanation: The client could not find a file that is required for converting a codepage.

User Response: Verify that the client is correctly installed. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS2078E Could not initialize Common Server. Locale path is '*path_name*'

Explanation: The command failed when attempting to initialize the client software.

User Response: Verify that the client is correctly installed. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS2079E The zoom specification must be in the range *min_zoom*%% to *max_zoom*%%

Explanation: The zoom percentage that was specified is not within the valid range.

User Response: Specify a correct value for the zoom percentage.

ARS2080E The server name is required. Enter a valid server name.

Explanation: The server name that was specified is not valid.

User Response: Specify a valid server name.

ARS2081E Unable to add the server. The server already exists.

Explanation: The name that was specified for the server already exists on the system.

User Response: Specify a name for the server that does not already exist on the system.

ARS2082E The UNC name is required. Enter a valid UNC name (ex. \\name).

Explanation: The UNC (Universal Naming Convention) name that was specified is not valid. UNC is a naming convention for describing network servers and share points on servers. UNC names start with two backslash characters followed by the server name. All other fields are separated by a single backslash character. For example: \\server\share

User Response: Specify a valid UNC name.

ARS2083E Insufficient memory is available to perform the operation

Explanation: There was not enough free memory available to run the command.

User Response: Determine why sufficient memory could not be allocated by looking at the operating system and application task status. You may need to stop other processes or reboot the PC and then resubmit the command.

ARS2084E The client and server are incompatible. Reinstallation of the product is required.

Explanation: The client software and the server software are not the same version or are not compatible versions.

User Response: Upgrade the client software and / or the server software to the same version or to a compatible version.

ARS2085E The server was unable to initialize. Contact your system administrator.

Explanation: The command failed when attempting to initialize the server.

User Response: Contact your IBM Service Representative.

ARS2086E Connection cannot be established for the *hostname* server

Explanation: The client failed when attempting to connect to the specific server.

User Response: Verify that the server is properly configured and that the server program is running.

ARS2087E Dynamic Load Library '*dll_name*' could not be found

Explanation: The client failed when attempting to load the specified dynamic load library.

User Response: Verify that the OnDemand software is installed correctly. If the problem persists, contact your IBM Service Representative.

ARS2088E The server connection has timed out. You normally need to logoff, logon, and retry the operation. In some cases, an explicit logoff is not needed before the system invites you to logon.

Explanation: The server forced the client to log off the server because the client did not perform an action on the server within the interval of time that is specified by the Inactivity Time Out value.

User Response: To proceed, log off the server, log back on to the server, and then resubmit the command. A system administrator can increase the Inactivity Time Out value by starting the administrative client, logging on to the server, and opening the System Parameters dialog box for the server. See the online help for the System Parameters dialog box for more information about the Inactivity Time Out value.

ARS2089E Information has been modified on the server. Please logoff, logon, and retry the operation.

Explanation: The requested data has been modified on the server.

User Response: You must log off of the server, log back on to the server, and then retry the operation.

ARS2090E The server failed during a search operation

Explanation: A server program encountered an error during a search operation.

User Response: See the OnDemand System Log for other messages that are associated with the search. If the problem persists, contact your IBM Service Representative.

ARS2091E The server failed while accessing folder data

Explanation: A server program encountered an error when accessing a folder.

User Response: See the OnDemand system Log for other messages that are associated with the folder operation. If the problem persists, contact your IBM Service Representative.

ARS2092E The server failed while retrieving a named query

Explanation: A server program encountered an error when retrieving a named query.

User Response: See the OnDemand System log for other messages that are associated with the retrieve operation. If the problem persists, contact your IBM Service Representative.

ARS2093E The server failed while updating a named query

Explanation: A server program encountered an error when updating a named query.

User Response: See the OnDemand System Log for other messages that are associated with the update operation. If the problem persists, contact your IBM Service Representative.

ARS2094E The server failed while retrieving a document

Explanation: A server program encountered an error when retrieving a document.

User Response: See the OnDemand System Log for other messages that are associated with the retrieve operation. If the problem persists, contact your IBM Service Representative.

ARS2095E • ARS2103E

ARS2095E The server failed while updating a document

Explanation: A server program encountered an error when updating a document.

User Response: See the OnDemand System Log for other messages that are associated with the update process. If the problem persists, contact your IBM Service Representative.

ARS2096E The server failed while storing a document

Explanation: A server program encountered an error when storing a document.

User Response: See the OnDemand System Log for other messages that are associated with the load process. If the problem persists, contact your IBM Service Representative.

ARS2097E The server failed while deleting a document

Explanation: A server program encountered an error when deleting a document.

User Response: See the OnDemand System Log for other messages that are associated with the delete process. If the problem persists, contact your IBM Service Representative.

ARS2098E The server failed while retrieving a resource group

Explanation: A server program encountered an error when retrieving a resource group.

User Response: See the OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS2099E The server failed while retrieving a storage set

Explanation: A server program encountered an error when retrieving a storage set.

User Response: See the OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS2100E The server failed while updating user information

Explanation: A server program encountered an error when updating the user information.

User Response: See the OnDemand System Log for other messages that are associated with the update process. If the problem persists, contact your IBM Service Representative.

ARS2101E The server failed while retrieving a note

Explanation: A server program encountered an error when retrieving an annotation.

User Response: See the OnDemand System Log for other messages that are associated with the retrieve process. If the problem persists, contact your IBM Service Representative.

ARS2102E The server failed while storing a note

Explanation: A server program encountered an error when storing an annotation.

User Response: See the OnDemand System Log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2103E The server failed while deleting a note

Explanation: A server program encountered an error when deleting an annotation.

User Response: See the OnDemand System Log for other messages that are associated with the delete process. If the problem persists, contact your IBM Service Representative.

ARS2104E The server failed while updating an application

Explanation: A server program encountered an error when updating an application.

User Response: See the OnDemand System Log for other messages that are associated with the update. If the problem persists, contact your IBM Service Representative.

ARS2105E The server failed while querying printers

Explanation: A server program encountered an error when running a query for printers.

User Response: See the OnDemand System Log for other messages that are associated with the query. If the problem persists, contact your IBM Service Representative.

ARS2106E The server failed while printing

Explanation: A server program encountered an error when printing.

User Response: See the OnDemand System Log for other messages that are associated with the print process. If the problem persists, contact your IBM Service Representative.

ARS2107E The User ID or Password is not valid for the server

Explanation: The userid or password is not valid for the instance of OnDemand.

User Response: Specify a userid and password that are valid for the instance of OnDemand.

ARS2108E The new password must contain at least *min_passwd_length* characters

Explanation: An attempt was made to change a password, but the value that was specified for the new password does not contain the minimum number of characters that are required by the system.

User Response: Specify a new password that contains the minimum number of characters. A system administrator can set the minimum number of characters for a password by starting the administrative client, logging on to the server, and opening the System Parameters dialog box. See the online help for the System Parameters dialog box and the Minimum Password Length option for more information.

ARS2109E The first and second specification of the new password are not the same

Explanation: An attempt was made to change a password, but the value that was specified for the Password does not match the value that was specified for the Verify Password.

User Response: Specify the exact same value in the Password and Verify Password fields.

ARS2110E The current password is not correct

Explanation: The value that was specified for the Password does not match the password that is stored in the database.

User Response: Specify the correct password and try the command again.

ARS2111E The user is not permitted to perform the operation

Explanation: The userid that was specified does not have permission to perform the operation.

User Response: Specify a userid that has permission to perform the operation or permit the user to perform the operation and then resubmit the command.

ARS2112E The operation was unsuccessful because the database is read-only

Explanation: The database cannot be updated because it is read-only. The command cannot be run against a read-only instance of OnDemand.

User Response: Verify the name of the instance and try the command again.

ARS2113I • ARS2121E

ARS2113I The folder cannot be opened because it does not contain any application groups accessible to the user. Contact your system administrator.

Explanation: The userid does not have access to any of the application groups that are contained in the folder.

User Response: Verify the name of the folder and the userid. Permit the userid to access one or more of the application groups that are contained in the folder. Then try to open the folder again.

ARS2114E No search criteria have been specified

Explanation: A search command was attempted but no search criteria was specified.

User Response: Specify search criteria for at least one of the search fields and resubmit the search.

ARS2115E A value must be specified for *'field'*

Explanation: A search command was attempted but a value for a required field was not specified.

User Response: Specify a value for the field and resubmit the search.

ARS2116E *'value'* is invalid for *'field'*. A maximum of *max_chars* character(s) may be entered.

Explanation: The specified search string exceeds the maximum number of characters that are allowed for the field.

User Response: Specify a valid search string for the field and resubmit the search.

ARS2117E Only one value was entered for *'field'*. Enter a second value or choose a different comparison operator.

Explanation: A search by using a range was attempted but a valid range was not specified. A valid range consists of two values -- the low range and the high range.

User Response: Specify a valid range for the field or select a search operator that does not require a range. Then resubmit the search.

ARS2118E *'value'* is invalid for *'field'*. An integer value in the range *'min_range'* to *'max_range'* is required.

Explanation: The specified search string is not a valid integer value.

User Response: Specify a valid integer value for the field and resubmit the search.

ARS2119E *'value'* is invalid for *'field'*. A decimal value in the range *'min_decimal'* to *'max_decimal'* is required. A maximum of *max_digits* digits may be specified to the right of the decimal point.

Explanation: The specified search string is not a valid decimal value.

User Response: Specify a valid decimal value for the field and resubmit the search.

ARS2120E *'value'* is invalid for *'field'*. A date/time in the range *'min_date'* to *'max_date'* is required. Note that 2-digit years less than 70 are interpreted as year 20nn.

Explanation: The specified search string is not a valid date value.

User Response: Specify a valid date value for the field and resubmit the search.

ARS2121E For *'field'*, the first value must not be greater than the second value

Explanation: A search by using a range was attempted but a valid range was not specified. The first value in the range must not be greater than the second value in the range.

User Response: Specify a valid range for the field and resubmit the search.

ARS2122E *'value' for 'field' is incompatible with 'incompat_value' for 'incompat_field'*

Explanation: The specified search values are not compatible.

User Response: Specify valid search values for the field and resubmit the search.

ARS2123E *'value' cannot be used for 'field'*

Explanation: The specified search value is not compatible.

User Response: Specify a valid search value for the field and resubmit the search.

ARS2124I **Only *max_documents* documents can be listed for this folder**

Explanation: A search resulted in more items than can be listed in the document list.

User Response: The folder contains a limit for the number of items that can be listed in the document list.

ARS2125I **The document for '*document*' is not available at this time. It may reside on an unmounted storage volume. Contact your system administrator.**

Explanation: A document cannot be retrieved because it resides on an unmounted storage volume.

User Response: Request that a system administrator or system operator to mount the storage volume and then resubmit the retrieve request.

ARS2126I *'view' was the default view. The public default view will be used unless another private default is set.*

Explanation: The default private logical view was deleted. Documents will now be viewed using the default public logical view, unless a new default private logical view is specified.

User Response: No action is required.

ARS2127E **A maximum of *max_views* views may be stored for this document**

Explanation: An attempt was made to create a logical view but the maximum number of logical views was exceeded.

User Response: Delete an existing logical view and then try to create the logical view again.

ARS2128E **The client and CD-ROM Mastering Dynamic Load Library are incompatible. Reinstallation of the product is required.**

Explanation: The client software and the server software are not the same version or are not compatible versions.

User Response: Upgrade the client software and / or the server software to the same version or to a compatible version.

ARS2129E **Unable to obtain procedure addresses from CD-ROM Mastering DLL**

Explanation: The client failed when attempting to load the CD-ROM Mastering dynamic load library.

User Response: Contact your IBM Service Representative.

ARS2130E **Only one copy of a folder may be put on a CD-ROM**

Explanation: The folder already exists on the CD-ROM.

User Response: Select a different folder.

ARS2131I • ARS2139E

ARS2131I A staging drive must be selected

Explanation: A staging drive was not specified.

User Response: Resubmit the command with a valid staging drive.

ARS2132E Unable to clean staging area

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS2133E Unable to set up directories on staging drive

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS2134E Unable to retrieve documents

Explanation: Unexpected error occurred during the execution of this program.

User Response: See other messages in the System Log that are associated with the CD-ROM task. If the problem persists, contact your IBM Service Representative.

ARS2135E Unable to retrieve resources

Explanation: Unexpected error occurred during the execution of this program.

User Response: See other messages in the System Log that are associated with the CD-ROM task. If the problem persists, contact your IBM Service Representative.

ARS2136E Unable to open index file

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS2137E The client and the CD-ROM indexes are incompatible

Explanation: The client software and the server software are not the same version or are not compatible versions.

User Response: Upgrade the client software and / or the server software to the same version or to a compatible version.

ARS2138E Unable to add items to the index

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2139E Unknown field type encountered in the data

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2140E Unable to retrieve annotations

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2141E Unable to read ARS layout

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2142E Unable to read client layout

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2143E CD-ROM Mastering software is not defined

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System Log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2144E Unable to obtain valid volume id

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2145E Unable to open manifest file

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2146E Unable to open original file for staging

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2147E Unable to open destination file for staging

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2148E Unable to read file for staging

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2149E • ARS2157E

ARS2149E Invalid folder encountered

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2150E External server error

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2151E *** LOGIC ERROR: unexpected exception from External Server

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2152E *** LOGIC ERROR: Unknown folder name

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2153E *** LOGIC ERROR: Invalid search operator for 'field'

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2154E *** LOGIC ERROR: Unknown choice for CHOICE criteria

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2155E *** LOGIC ERROR: Invalid segment number

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2156E *** LOGIC ERROR: Invalid CDROM folder

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the CD-ROM process. If the problem persists, contact your IBM Service Representative.

ARS2157E *** LOGIC ERROR: LogView - Unknown or public or no permission to save, update, or delete

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2158E * LOGIC ERROR: Named Query - Unknown or no permission to save, update, or delete**

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2159E * LOGIC ERROR: No CsvPrtOpt name provided**

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2160E Server exit password validation failed. Contact your system administrator.

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2161E * LOGIC ERROR: A server operation was in progress when another was initiated**

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2162E The server failed while attempting to convert data

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2163E The server failed while attempting to login

Explanation: Unexpected error occurred during the execution of this program.

User Response: See the OnDemand System log for other messages that are associated with the task. If the problem persists, contact your IBM Service Representative.

ARS2164I The operation could not be completed because required data resides on unavailable archive media. Contact your system administrator to make the data available.

Explanation: The document could not be retrieved because the storage volume on which it exists is offline or not available.

User Response: Notify a system administrator or a system operator to mount the storage volume and then try the command again.

ARS2166E The user is not permitted to perform this operation for document 'document'

Explanation: The userid does not have permission to perform the operation on the specified document.

User Response: If the userid should not be permitted to perform the operation, then this message is for your information only. Otherwise, update the user's permissions so that they can perform the operation or specify a userid that does have the required permissions and then resubmit the command.

ARS2167I • ARS2176I

ARS2167I No documents meet the search criteria

Explanation: The query was run, however, there were no documents that matched the search criteria.

User Response: To retrieve documents, change the search criteria and resubmit the query.

ARS2168E The document for '*document*' is not displayable or printable

Explanation: The specified document cannot be viewed or printed. This message is for your information only.

User Response: Select a document that can be displayed or printed.

ARS2169E The argument '*value*' is not a valid decimal number

Explanation: The specified search value is not a valid decimal number.

User Response: Specify a valid decimal number and try the search again.

ARS2170I No arguments specified

Explanation: A search was attempted, but no search values were specified.

User Response: Specify one or more search values and try the search again.

ARS2171E The argument '*value*' was not specified

Explanation: A search was attempted, but a search value was missing from a required search field.

User Response: Specify a search value for the field and try the search again.

ARS2172E The function '*function*' was not found

Explanation: The client failed because the specified function was not found.

User Response: Contact your IBM Service Representative.

ARS2173E The field '*field*' was not found in this folder

Explanation: The specified field is not a valid field for the folder.

User Response: Verify the folder fields. Specify a valid field and try the command again.

ARS2174E No mappings exist for the specified folder fields

Explanation: The folder fields are not mapped to application group fields.

User Response: Map the folder fields to application group fields and then resubmit the command.

ARS2175E The environment variable '*environ_variable*' was not found

Explanation: The command failed because the specified environment variable was not set.

User Response: Set the environment variable and then resubmit the command.

ARS2176I The user specified does not have access to any folders

Explanation: The specified user does not have permission to access any folders.

User Response: Permit the user to access one or more folders. Then resubmit the command.

ARS2177E Unable to initialize environment. rc=rc

Explanation: The client failed when attempting to initialize the environment.

User Response: Configure the server to enable logging and then resubmit the command. See the *Web Enablement Kit: Implementation Guide* for help on how to enable logging and for help on other problem determination tools that are available in this environment. If the problem persists, contact your IBM Service Representative.

ARS2184I There are no notes associated with this document

Explanation: This message is for your information only.

User Response: No action is required.

ARS2185I Select a folder:

Explanation: This message is for your information only.

User Response: No action is required.

ARS2187I User logged off!

Explanation: This message is for your information only.

User Response: No action is required.

ARS2192I View Document

Explanation: This message is for your information only.

User Response: No action is required.

ARS2193I View Annotations

Explanation: This message is for your information only.

User Response: No action is required.

ARS2194I Add Annotation

Explanation: This message is for your information only.

User Response: No action is required.

ARS2195I Server Print

Explanation: This message is for your information only.

User Response: No action is required.

ARS2196I Private to user

Explanation: This message is for your information only.

User Response: No action is required.

ARS2197I Private to group

Explanation: This message is for your information only.

User Response: No action is required.

ARS2198I • ARS3002E

ARS2198I **Note can be copied to another server**

Explanation: This message is for your information only.

User Response: No action is required.

ARS2201W **At least one document must be selected!**

Explanation: A command was entered, but no documents were selected.

User Response: Select a document and then resubmit the command.

ARS2202I **Documents sent to printer!**

Explanation: This message is for your information only.

User Response: No action is required.

ARS2203I **Note added successfully!**

Explanation: This message is for your information only.

User Response: No action is required.

ARS2207I **Document has been updated!**

Explanation: This message is for your information only.

User Response: No action is required.

ARS2209E **Unable to exec program >command<. errno=errno**

Explanation: Unexpected error occurred.

User Response: Contact your IBM Service Representative.

| **ARS2210I** *strerror_text*

| **Explanation:** The message contains the text from the strerror() function.

| **User Response:** No action is required.

| **ARS2211I** **Using *temp_dir* for temporary files**

| **Explanation:** The specified directory is being used for temporary files.

| **User Response:** No action is required.

ARS3001E *timestamp: 001: Server name parameter required*

Explanation: A server name was not specified.

User Response: Resubmit the command with a valid server name.

ARS3002E *timestamp: 002: No data distribution server section defined [server]*

Explanation: The server section for data distribution does not exist.

User Response: Define and configure the servers in the server section and then resubmit the command.

ARS3003E *timestamp: 003: Unable to clean directory [directory_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3004E *timestamp: 004: Unable to copy file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3005E *timestamp: 005: Unable to obtain volume set id*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3006E *timestamp: 006: Unable to create control file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3007E *timestamp: 007: Unable to open control file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3008E *timestamp: 008: OnDemand password expired or invalid*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3009E *timestamp: 009: OnDemand login error RC [rc]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3010E *timestamp: 010: Rimage imaging directory not specified*

Explanation: The name of the Rimage imaging directory was not specified.

User Response: Specify the name of the Rimage imaging directory and try the command again.

ARS3011E *timestamp: 011: Rimage image order file name not specified*

Explanation: The name of the Rimage image order file was not specified.

User Response: Specify the name of the Rimage image order file and try the command again.

ARS3012E *timestamp: 012: Rimage production order file name not specified*

Explanation: The name of the Rimage production order file was not specified.

User Response: Specify the name of the Rimage production order file and try the command again.

ARS3013E • ARS3022E

ARS3013E *timestamp: 013: Network Neighborhood name not specified*

Explanation: The name of the Network Neighborhood was not specified.

User Response: Specify the name of the Network Neighborhood and try the command again.

ARS3014E *timestamp: 014: OnDemand library server logon information missing*

Explanation: The logon information for the OnDemand library server was not specified.

User Response: Specify the logon information for the OnDemand library server and try the command again.

ARS3015E *timestamp: 015: Log directory required*

Explanation: The name of the log directory was not specified.

User Response: Specify the name of the log directory and try the command again.

ARS3016E *timestamp: 016: Load directory required*

Explanation: The name of the load directory was not specified.

User Response: Specify the name of the load directory and try the command again.

ARS3017E *timestamp: 017: Unable to open volume set id file [file_name]*

Explanation: The ARSDD program failed when attempting to open the specified volume set id file.

User Response: Verify that the volume set id file exists and then resubmit the command.

ARS3018E *timestamp: 018: Invalid volume set id file [file_name]*

Explanation: The specified volume set id file is not correct.

User Response: Resubmit the command with a valid volume set id file.

ARS3019E *timestamp: 019: Invalid parameter combination '-i' and '-g' specified*

Explanation: The -i and -g parameters are mutually exclusive; they cannot be specified for the same task.

User Response: Resubmit the command with the correct parameters.

ARS3020E *timestamp: 020: Could not store control file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3021E *timestamp: 021: Could not display load failure file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3022E *timestamp: 022: Memory allocation failed [file | line]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3023E *timestamp: 023: Unable to clean root directory*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3024E *timestamp: 024: Unable to retrieve id file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3025E *timestamp: 025: Invalid or unreadable distribution group file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3026E *timestamp: 026: Invalid or incorrectly named index file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3027E *timestamp: 027: Invalid or incorrectly named input file [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3050I *timestamp: 050: CREATE [file_name]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3051I *timestamp: 051: LIBRARY SERVER USERID [hostname] [user_name]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3052I *timestamp: 052: CONTROL FILE ERROR [file_name]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3053I *timestamp: 053: DONE LOAD DIRECTORY [directory_name]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3054I *timestamp: 054: DONE DISTRIBUTION FILE ID [file_id]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3055I • ARS3064E

ARS3055I *timestamp: 055: LOAD DIRECTORY* [directory_name]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3056I *timestamp: 056: LOAD COMPLETED FILE* [file_name]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3057E *timestamp: 057: LOAD FAILED FILE* [file_name]

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3058I *timestamp: 058: DISTRIBUTION FILE ID FOLDER* [file_id] [folder_name]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3059I *timestamp: 059: DISTRIBUTION GROUP ID FOLDER* [file_id] [folder_name]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3060I *timestamp: 060: QUERY FOLDER NQUERY* [named_query] [folder]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3061I *timestamp: 061: VERIFICATION PASSED*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3062E *timestamp: 062: VERIFICATION FAILED*

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3063E *timestamp: 063: VERIFICATION NO FOLDER FOR APPLICATION GROUP* [appl_grp_name]

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3064E *timestamp: 064: VERIFICATION NO APPLICATION GROUPS*

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3065E *timestamp:* **065: VERIFICATION WARNING NO CLIENT SOFTWARE**

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3066E *timestamp:* **066: VERIFICATION NO APPLICATION GROUP FOR FOLDER** [*folder_name*]

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3067E *timestamp:* **067: VERIFICATION WARNING NO MEDIA LABEL TEMPLATE**

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3068E *timestamp:* **068: VERIFICATION NO USERS**

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3069E *timestamp:* **069: VERIFICATION WARNING NO PASSWORD**

Explanation: Unexpected error occurred during execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3070I *timestamp:* **070: APPLICATION GROUP** [*appl_grp_name*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3072I *timestamp:* **071: CLIENT LANGUAGE** [*client*] [*language*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3074I *timestamp:* **072: USER SUPPLIED FILE SRC DEST TYPE** [*source*] [*destination*] [*file_name*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3076I *timestamp:* **073: FOLDER** [*folder_name*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3078I *timestamp:* **074: GROUP** [*group_name*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3080I • ARS3103E

ARS3080I *timestamp: 075: LABEL TEMPLATE ID [file_id] [label]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3082I *timestamp: 076: USER [user_name]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3084I *timestamp: 077: USER PASSWORD [user_name] [passwd]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3086I *timestamp: 078: CFM FILE ID [value] [file_id]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3088I *timestamp: 079: RETRIEVED LABEL ID [label_file_name] [file_name]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3090E *timestamp: 080: FAILED RETRIEVING LABEL ID [label_file_name] [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3100I *timestamp: 100: DATA DISTRIBUTION PROCESSING STARTED*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3101E *timestamp: 101: DATA DISTRIBUTION PROCESSING FAILED*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3102I *timestamp: 102: DATA DISTRIBUTION PROCESSING COMPLETED*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3103E *timestamp: 103: DATA DISTRIBUTION PROCESSING CRITICAL FAILURE*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3104I *timestamp:* **104: CLIENT TRANSFER STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3105E *timestamp:* **105: CLIENT TRANSFER FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3106I *timestamp:* **106: CLIENT TRANSFER COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3107E *timestamp:* **107: CLIENT COPY FILE ERROR** [source] [errno]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3108I *timestamp:* **108: CFM TRANSFER STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3109E *timestamp:* **109: CFM TRANSFER FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3110I *timestamp:* **110: CFM TRANSFER COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3111E *timestamp:* **111: CFM COPY FILE ERROR** [file_name] [errno]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3112I *timestamp:* **112: USER SUPPLIED FILES TRANSFER STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3113E *timestamp:* **113: USER SUPPLIED FILES TRANSFER FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3114I • ARS3123E

ARS3114I *timestamp:* **114: USER SUPPLIED FILES TRANSFER COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3115E *timestamp:* **115: USER SUPPLIED FILES ERROR** [*file_name*] [*errno*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3116I *timestamp:* **116: VOLUME CALCULATION STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3117E *timestamp:* **117: VOLUME CALCULATION FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3118I *timestamp:* **118: VOLUME CALCULATION COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3119I *timestamp:* **119: VOLUME CALCULATION VOLUMES FILES BYTES** [*volumes*] [*files*] [*total*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3120W *timestamp:* **120: VOLUME INDEX CAPACITY EXCEEDED BYTES** [*bytes*]

Explanation: The index exceeds the capacity of the media. If this is a multi-volume set, the index must fit on the first volume of the set.

User Response: Reduce the number of user-defined files. The user-defined files take space that can be used by the index. Otherwise, reduce the number of documents or folders. Then resubmit the command.

ARS3121W *timestamp:* **121: VOLUME DATA CAPACITY EXCEEDED VOLUME BYTES** [*volumes*] [*total*]

Explanation: The data files for the specified volume exceed the capacity of the media.

User Response: Reduce the size of the data files and then resubmit the command. You can reduce the size of the data files by reducing the number of user-defined files or reducing the number of documents or folders.

ARS3122I *timestamp:* **122: STORAGE SET CREATION STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3123E *timestamp:* **123: STORAGE SET CREATION FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3124I *timestamp:* **124: STORAGE SET CREATION COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3125E *timestamp:* **125: STORAGE SET CREATION FAILED ADD STORAGE SET** [set_name]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3126I *timestamp:* **126: STORAGE SET CREATION FAILED ADD STORAGE NODE** [node_name]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3127I *timestamp:* **127: STORAGE SET APPLICATION GROUP UPDATE STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3128E *timestamp:* **128: STORAGE SET APPLICATION GROUP UPDATE FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3129I *timestamp:* **129: STORAGE SET APPLICATION GROUP UPDATE COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3130E *timestamp:* **130: LOGIN FAILED RETURN CODE** [rc]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3131I *timestamp:* **131: STORAGE SET DATA FILE UPDATE STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3132E *timestamp:* **132: STORAGE SET DATA FILE UPDATE FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3133I *timestamp:* **133: STORAGE SET DATA FILE UPDATE COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3134E • ARS3143E

ARS3134E *timestamp:* 134: **DATA FILE UPDATE ERROR APPLICATION GROUP FILE** [appl_grp_name] [file_name]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3135E *timestamp:* 135: **DATA FILE UPDATE ERROR RETURN CODES** [RC=rc] [CTRC=ctrc]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3136I *timestamp:* 136: **INDEX OPTIMIZATION STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3137E *timestamp:* 137: **INDEX OPTIMIZATION FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3138I *timestamp:* 138: **INDEX OPTIMIZATION COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3139E *timestamp:* 139: **INDEX CONVERSION ERROR FILE RETURN CODE** [file_name] [rc]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3140I *timestamp:* 140: **DATA DISTRIBUTION WRITING STARTED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3141E *timestamp:* 141: **DATA DISTRIBUTION WRITING FAILED**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3142I *timestamp:* 142: **DATA DISTRIBUTION WRITING COMPLETED**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3143E *timestamp:* 143: **DATA DISTRIBUTION WRITING TIMEOUT**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3144E *timestamp: 144: WRITING VOLUME FILE FAILED* [*volume_number*] [*rc*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3145I *timestamp: 145: RIMAGE EDITLIST CREATION STARTED VOLUME* [*rc*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3146E *timestamp: 146: RIMAGE EDITLIST CREATION FAILED VOLUME* [*rc*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3147I *timestamp: 147: RIMAGE EDITLIST CREATION COMPLETED VOLUME* [*rc*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3148E *timestamp: 148: EDITLIST CREATION ERROR FILE RETURN CODE* [*file_name*] [*rc*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3149I *timestamp: 149: RIMAGE IMAGE CREATION STARTED VOLUME* [*volume*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3150E *timestamp: 150: RIMAGE IMAGE CREATION FAILED VOLUME FILE* [*file_name*] [*rc*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3151I *timestamp: 151: RIMAGE IMAGE CREATION COMPLETED VOLUME* [*volume*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3152E *timestamp: 152: RIMAGE IMAGE CREATION TIMEOUT VOLUME* [*volume*]

Explanation: The image creation process timed out before the Rimage Image Server accepted the job. This condition is usually caused when the Image Server is not running on the Rimage PC or the Rimage image order timeout value that is specified with the **-Y** parameter of the ARSDD program is set too low.

User Response: Run the Rimage Image Server software on the Rimage PC. Otherwise, increase the value of the image order timeout parameter and then resubmit the command.

ARS3153I *timestamp: 153: RIMAGE IMAGE CREATION REQUEST ACCEPTED VOLUME* [*volume*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3154I • ARS3163I

ARS3154I *timestamp: 154: RIMAGE IMAGE PRODUCTION STARTED VOLUME [volume]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3155E *timestamp: 155: RIMAGE IMAGE PRODUCTION FAILED VOLUME FILE [volume] [rc]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3156I *timestamp: 156: RIMAGE IMAGE PRODUCTION COMPLETED VOLUME [volume]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3157E *timestamp: 157: RIMAGE IMAGE PRODUCTION TIMEOUT VOLUME [volume]*

Explanation: The production process timed out before the Rimage Production Server accepted the job. This problem is usually caused when the Production Server is not running on the Rimage PC or the Rimage production order timeout parameter that is specified with the **-Z** parameter of the ARSDD program is set too low.

User Response: Run the Rimage Production Server software on the Rimage PC. Otherwise, increase the value of the production order timeout parameter and then resubmit the command.

ARS3158I *timestamp: 158: RIMAGE IMAGE PRODUCTION REQUEST ACCEPTED VOLUME [volume]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3159E *timestamp: 159: UNABLE TO REMOVE ENTRY FROM RIMAGE IOF FILE [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3160E *timestamp: 160: UNABLE TO REMOVE ENTRY FROM RIMAGE POF FILE [file_name]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3161I *timestamp: 161: LABEL PROCESSING STARTED*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3162E *timestamp: 162: LABEL PROCESSING FAILED*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3163I *timestamp: 163: LABEL PROCESSING COMPLETED*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3164W *timestamp: 163: NO DOCUMENTS RETURNED NQUERY* [*named_query*]

Explanation: A query was run and no documents were found that match the named query.

User Response: Verify that this is the expected result or verify that the named query is correct.

ARS3165E *timestamp: 164: UNABLE TO CREATE LABEL MERGE FILE* [*file_name*] [*rc*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3166E *timestamp: 165: UNABLE TO OPEN USER-SUPPLIED MERGE FILE* [*file_name*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3167I *timestamp: 165: LABEL TEMPLATE AVN* [*file_name*] [*avn_file_name*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3169I *timestamp: 166: LABEL TEMPLATE ID FILE* [*file_id*] [*label*] [*merge_file*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3171I *timestamp: 167: LABEL TEMPLATE ID FIELD CONTENTS* [*file_id*] [*lable*] [*merge_field_number*] [*merge_field*]

Explanation: This message is for your information only.

User Response: No action is required.

ARS3173E *timestamp: 168: Unable to identify client type in file* [*type*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3174E *timestamp: 169: Unable to replace client directory* [*directory_name*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3175E *timestamp: 170: Unable to install client files in directory* [*directory_name*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3176E *timestamp: 171: File does not exist or is inaccessible* [*file_name*]

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3178I • ARS3301E

ARS3178I *timestamp: 173: Installing OnDemand 32-bit client files*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3179I *timestamp: 174: Definition removed for server [server]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3180E *timestamp: 175: Server definition is not for data distribution [server]*

Explanation: The server definition is not properly configured.

User Response: Verify that the server definition is configured for data distribution and then resubmit the command.

ARS3182E *timestamp: 176: Definition not created or updated for server [server]*

Explanation: The server definition could not be created or updated.

User Response: Verify that the correct configuration is for the server and then resubmit the command.

ARS3183I *timestamp: 177: Data distribution definition created for server [server]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3184I *timestamp: 178: LOAD STARTED FILE [name]*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3185E *timestamp: 179: RIMAGE IMAGE SERVER ERROR [rc]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3186E *timestamp: 180: RIMAGE PRODUCTION SERVER ERROR [rc]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3300E *timestamp: 028: Could not clean IOF file [rc]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3301E *timestamp: 029: Could not clean POF file [rc]*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS3302I Usage: **arsdd** [**options**]Version: *version*

- a <dir> Directory in which to run indexer (Default: Load Directory)
- c Clean and reset staging directory
- d <dir> Load directory (Required)
- e Warnings as errors
- g <id> Data distribution group id
- h <server> OnDemand library server name
- i <id> Data distribution file id
- j <name> Network name of data distribution machine
- k Keep load and status files
- l <dir> Control file directory (Required)
- m <n> Make n number of media sets
- n <cp> Codepage for data and indexes (Default: 819)
- o Show stored options
- p <password> OnDemand library server password
- r <dir> Rimage imaging directory (e.g. e:\rimage\images\)
- s <server> OnDemand data distribution server name (Required)
- u <userid> OnDemand library server userid
- v Verbose output
- w Store configuration options
- x <[63]/[74]> Media length (Default: 74)
 - 63: 63 minutes = ~580 Mbytes
 - 74: 74 minutes = ~640 Mbytes
- y <file> Rimage image order file name (Default: ondemand.iof)
- z <file> Rimage production order file name (Default: ondemand.pof)
- C <zipfile> (UNIX) Install OnDemand client files
- N Named queries may return no documents
- R (UNIX) Remove OnDemand data distribution server definition
- S <dir> (UNIX) Assign or change data distribution staging directory
- Y <seconds> Rimage image order timeout (Default: 3600)
- Z <seconds> Rimage production order timeout (Default: 3600)

Explanation: An incorrect parameter was specified for the command.**User Response:** Resubmit the command with the correct parameters.

ARS3303I Current Options for [*server*]:Control and definition file folder ... *folder_name*[-n] Codepage for data and indexes..... *codepage*[-S] Staging directory..... *directory_name***Explanation:** This message is for your information only.**User Response:** No action is required.

ARS3304I [-a] Indexer directory..... *index_directory*[-d] Load directory..... *load_directory*[-l] Log directory..... *log_directory*[-h] OnDemand library server..... *server***Explanation:** This message is for your information only.**User Response:** No action is required.

ARS3305I [-u] OnDemand library server userid..... *userid*[-p] OnDemand library server password..... *password*[-x] Media capacity..... *~capacity* bytes[-j] Network name..... *network***Explanation:** This message is for your information only.**User Response:** No action is required.

ARS3306I [-r] Rimage imaging directory..... *imaging_directory*
 Rimage staged files directory..... *staged_directory*
 Rimage order file directory..... *order_directory*
 [-y] Rimage image order file name..... *order_directory*

Explanation: This message is for your information only.

User Response: No action is required.

ARS3307I [-Y] Rimage image order timeout..... *image_timeout* **seconds**
 [-z] Rimage production order file name..... *file_name*
 [-Z] Rimage production order timeout..... *production_timeout* **seconds**

Explanation: This message is for your information only.

User Response: No action is required.

ARS3308E *timestamp*: 030: Failure copying \'*file_name*\' [rc1|rc2]

Explanation: An unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4010I Usage: arsdbr [options] [table(s)]
 Version: *version*
 -- The OnDemand Database Configuration Tool --
 Defaults to all tables
 -c (DB2/MSSQL) Create Database
 -d Drop Tables
 -e Drop Indexes
 -f Ignore DB Failures
 -g (DB2/MSSQL) Start the Database
 -h (DB2/MSSQL) Stop the Database
 -i Import Data
 -k (DB2) Activate the Database
 -l (DB2) For Import/Export use IXF Format
 (MSSQL) For Import/Export use Native Format
 -m (DB2/MSSQL) Maintenance
 -o <filename> Output File name
 -r Create Configuration Indexes
 -s Run Statistics
 -t Create Configuration Tables
 -v Verbose
 -x Export Data
 -y <device> (DB2) Backup the Database Offline to the device
 (MSSQL) Complete Database backup to the device
 -z <device> (DB2) Backup the Database Online to the device
 (MSSQL) Differential Database backup to the device
 -I <od_inst> OnDemand Instance Name
 -X (DB2) If -Y or -Z, don't backup Tablespace USERSPACE1
 -Y <device> (DB2) Backup the Database Tablespace(s) Offline to the device
 -Z <device> (DB2) Backup the Database Tablespace(s) Online to the device

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS4011E **The *database_engine database_name* database action failed due to an unexpected interrupt**

Explanation: The ARSDB program failed.

User Response: Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4012E **Unable to initialize environment. rc=*rc***

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4013E **Unable to determine the database engine**

Explanation: The OnDemand database engine parameter is not specified correctly.

User Response: Correct the OnDemand database configuration and then resubmit the command.

ARS4014E **Unable to load *>dll_name<***

Explanation: The ARSDB program failed when attempting to load the specified dynamic load library.

User Response: Verify that the dynamic load library exists. Verify the file permissions. Then resubmit the command.

ARS4015I **Starting the *database_engine database_name* database instance**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4016E **Unable to start the *database_engine database_name* database instance**

Explanation: The ARSDB program failed when attempting to start the specified instance of OnDemand.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the instance could not be started. Correct the problem and then resubmit the command.

ARS4017I **Activating the *database_engine database_name* database**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4018I **Creating the *database_engine database_name* database**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4019E **Unable to create the *database_engine database_name* database**

Explanation: The ARSDB program failed when attempting to create the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the database could not be created. Correct the problem and then resubmit the command.

ARS4020E **Unable to configure data source *database_engine***

Explanation: The ARSDB program failed when attempting to configure the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the database could not be configured. Correct the problem and then resubmit the command.

ARS4021I • ARS4029E

ARS4021I **Backing up the** *database_engine database_name* **database online**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4022I **Backing up the** *database_engine database_name* **database offline**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4023E **Unable to connect to** *database_engine database_name* **database**

Explanation: The ARSDB program failed when attempting to connect to the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not connect to the database. Correct the problem and then resubmit the command.

ARS4024I **Are you sure you wish to drop the database tables and/or indexes:**

Explanation: The ARSDB program issues a prompt before attempting to drop database tables or indexes.

User Response: Specify **yes(y)** to drop the database tables or indexes. Specify **no(n)** to keep the database tables or indexes.

ARS4025E **Unknown table** *table_name*

Explanation: The specified table is not defined to the system.

User Response: Resubmit the command with the name of one of the OnDemand system tables.

ARS4026I **Creating table** *table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4027E **Unable to create table** *table_name*

Explanation: The ARSDB program failed when attempting to create the specified table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not create the table. Correct the problem and then resubmit the command.

ARS4028I **Inserting default values into table** *table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4029E **Unable to insert into table** *table_name* **the values (** *values* **)**

Explanation: The ARSDB program failed when attempting to insert the specified default values into the specified table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not insert the default values into the table. Correct the problem and then resubmit the command.

ARS4030I Dropping index *index_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4031E Unable to drop index *index_name*

Explanation: The ARSDB program failed when attempting to drop the specified index.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not drop the index. Correct the problem and then resubmit the command.

ARS4032I Dropping table *table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4033E Unable to drop table *table_name*

Explanation: The ARSDB program failed when attempting to drop the specified table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not drop the table. Correct the problem and then resubmit the command.

ARS4034I Creating index *index_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4035E Unable to create index *index_name*

Explanation: The ARSDB program failed when attempting to create the specified index.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not create the index. Correct the problem and then resubmit the command.

ARS4036I Exporting table *table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4037E Unable to export table *table_name*

Explanation: The ARSDB program failed when attempting to export the specified table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not export the table. Correct the problem and then resubmit the command.

ARS4038I Importing table *table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4039E • ARS4047E

ARS4039E Unable to import table *table_name*

Explanation: The ARSDB program failed when attempting to import the specified table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not import the table. Correct the problem and then resubmit the command.

ARS4040I Reorganizing table *table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4041E Unable to reorganize table *table_name*

Explanation: The ARSDB program failed when attempting to reorganize the specified table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not reorganize the table. Correct the problem and then resubmit the command.

ARS4042I Updating runstat statistics for table *table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4043E Unable to update runstat statistics on table *table_name*

Explanation: The ARSDB program failed when attempting to update statistics on the specified table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not update the statistics on the table. Correct the problem and then resubmit the command.

ARS4044I Stopping the *database_engine database_name* instance

Explanation: This message is for your information only.

User Response: No action is required.

ARS4045E Unable to commit the *database_engine database_name* database work

Explanation: The ARSDB program failed when attempting to commit the transaction.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not commit the transaction. Correct the problem and then resubmit the command.

ARS4046E Unable to terminate the *database_engine database_name* database connection

Explanation: The ARSDB program failed when attempting to disconnect from the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not disconnect from the database. Correct the problem and then resubmit the command.

ARS4047E Unable to rollback the *database_engine database_name* database

Explanation: The ARSDB program failed when attempting to rollback a transaction.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional

messages to determine why the ARSDB program could not roll back the transaction. Correct the problem and then resubmit the command.

ARS4048I **Backing up the** *database_engine database_name* **tablespace** *tablespace_name* **at** *timestamp*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4049E **Unable to backup** *database_engine database_name* **tablespace to** *tablespace_name*. **rc=rc**

Explanation: The ARSDB program failed when attempting to backup the specified tablespace.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to determine why the ARSDB program could not backup the tablespace. Correct the problem and then resubmit the command.

ARS4051I **Backing up the** *database_engine database_name* **database at** *timestamp*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4052E **Unable to backup** *database_engine database_name* **database to** *directory_name*. **rc=rc**

Explanation: The ARSDB program failed when attempting to backup the database.

User Response: Resubmit the command with the **-v** (verbose) option. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4053I **The** *database_engine database_name* **database was deactivated. Please use -k to activate the database**

Explanation: The database was successfully deactivated.

User Response: Submit the ARSDB program with the **-k** parameter to activate the database.

ARS4054E **DB Error:** *text* -- **SQLSTATE=sqlstate, SQLCODE=sqlcode**

Explanation: The database failed.

User Response: See your database message reference for more information.

ARS4055E **Unable to activate database** *database_name*. **SQLCODE = sqlcode**

Explanation: The ARSDB program failed when attempting to activate the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4056E **Database activation is not supported under** *database_engine*

Explanation: The ARSDB program cannot be used to activate the database.

User Response: To activate the database, use an activation function that is provided with the database management product that you are using with OnDemand.

ARS4057I **Timestamp for backup image is:** *timestamp*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4058E • ARS4066E

ARS4058E Unable to backup database *database_name*. **err=err**

Explanation: The ARSDB program failed when attempting to backup the specified database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4059E Database backup is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to backup the database.

User Response: To backup the database, use a backup function that is provided with the database management product that you are using with OnDemand.

ARS4060E Database clean logs is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to clean the logs for the database.

User Response: To clean the logs for the database, use a log function that is provided with the database management product that you are using with OnDemand.

ARS4061E Cannot create the OnDemand database using the Language '*language*'

Explanation: The ARSDB program failed when attempting to create the database.

User Response: Verify and correct the language specification. Then resubmit the command.

ARS4062I Using Locale '*locale*' and Codeset '*codeset*'

Explanation: This message is for your information only.

User Response: No action is required.

ARS4063E The '*directory_name*' directory does not exist

Explanation: The ARSDB program could not locate the specified directory.

User Response: Create the directory and set the directory permissions for a database directory. Then resubmit the command.

ARS4064E The *database_name* database already exists

Explanation: The specified database already exists.

User Response: Verify the name of the database and then resubmit the command.

ARS4065E The database name '*database_name*' is invalid

Explanation: The name specified for the database is not correct or supported.

User Response: Resubmit the command with a valid database name.

ARS4066E The code page '*codepage*' or country code '*country_code*' is not valid

Explanation: The ARSDB program failed when attempting to create the database, because the code page or the country code was incorrect.

User Response: Correct the code page and the country code and then resubmit the command.

ARS4067E Unable to create the *database_name* database. *err=err*

Explanation: The ARSDB program failed when attempting to create the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4068I Updating the *database_name* database configuration

Explanation: This message is for your information only.

User Response: No action is required.

ARS4069E The new path to the log is not valid

Explanation: The path name for the database log files is not a valid name.

User Response: Resubmit the command with a valid path name.

ARS4070E Unable to update the *database_name* database configuration. *SQLCODE = sqlcode*

Explanation: The ARSDB program failed when attempting to update the database configuration.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4071I Backing up the *database_name* database so that the updates can take effect

Explanation: This message is for your information only.

User Response: No action is required.

ARS4072E Database creation is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to create the database.

User Response: To create the database, use a create function that is provided with the database management product that you are using with OnDemand.

ARS4073I Deactivating database *database_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4074E The DB2 instance has not been started

Explanation: The ARSDB program failed because the DB2 instance was not started.

User Response: Start the DB2 instance. Then resubmit the command.

ARS4075W The *database_name* database was not activated

Explanation: This message is for your information only.

User Response: No action is required.

ARS4076E Unable to deactivate database *database_name*. *SQLCODE = sqlcode*

Explanation: The ARSDB program failed when attempting to deactivate the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4077E • ARS4084E

ARS4077E Database deactivate is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to deactivate the database.

User Response: To deactivate the database, use a deactivate function that is provided with the database management product that you are using with OnDemand.

ARS4078I The *database_instance* instance has already been started

Explanation: This message is for your information only.

User Response: No action is required.

ARS4079E Unable to start database *database_name*. **SQLCODE = sqlcode**

Explanation: The ARSDB program failed when attempting to start the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4080E Database start is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to start the database.

User Response: To start the database, use a start function that is provided with the database management product that you are using with OnDemand.

ARS4081E Unable to deactivate database *database_name*

Explanation: The ARSDB program failed when attempting to deactivate the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4082E Unable to stop *database_engine*. **SQLCODE = sqlcode**

Explanation: The ARSDB program failed when attempting to stop the database.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4083E Database stop is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to stop the database.

User Response: To stop the database, use a stop function that is provided with the database management product that you are using with OnDemand.

ARS4084E Unable to export table *table_name*. **err=err**

Explanation: The ARSDB program failed when attempting to export a table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4085E Export is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to export a table.

User Response: To export a table, use an export function that is provided with the database management product that you are using with OnDemand.

ARS4086E Unable to import table *table_name*. **err=err**

Explanation: The ARSDB program failed when attempting to import a table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4087E Import is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to import a table.

User Response: To import a table, use an import function that is provided with the database management product that you are using with OnDemand.

ARS4088E Unable to reorganize table *table_name*. **SQLCODE = sqlcode**

Explanation: The ARSDB program failed when attempting to reorganize a table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4089E Reorganization is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to reorganize the database.

User Response: To reorganize the database, use a reorganization function that is provided with the database management product that you are using with OnDemand.

ARS4090E Unable to do a runstats on table *table_name*. **err=err**

Explanation: The ARSDB program failed when attempting to update the statistics for a table.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4091E Runstats is not supported under *database_engine*

Explanation: The ARSDB program cannot be used to run database statistics.

User Response: To run database statistics, use a statistics function that is provided with the database management product that you are using with OnDemand.

ARS4092E The *database_name* database was deactivated, however there is still a connection to one or more nodes

Explanation: Only one node was deactivated, however, multiple nodes exist.

User Response: Verify that all nodes are deactivated before proceeding.

ARS4093E CoCreateInstance bulk copy object failed

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4094E • ARS4103E

ARS4094E Unable to connect to database

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4095E Filegroup backups for MSSQL should be done using the Database Maintenance Planner

Explanation: The ARSDB program cannot be used to run filegroup backups for SQL Server.

User Response: Use the Database Maintenance Planner in SQL Server to run filegroup backups.

ARS4096E Differential backups for MSSQL should be done using the Database Maintenance Planner

Explanation: The ARSDB program cannot be used to run differential backups for SQL Server.

User Response: Use the Database Maintenance Planner in SQL Server to run differential backups.

ARS4097E CoCreate instance failed

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4098E CoInitialize failed

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4099E Creating the *database_name* database file

Explanation: This message is for your information only.

User Response: No action is required.

ARS4100E Database DBFile *db_file_name* could not be added. HRESULT=*hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4101E GetFileGroup instance failed *rc*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4102E Creating the *database_name* transaction log file

Explanation: This message is for your information only.

User Response: No action is required.

ARS4103E Database log file could not be added. HRESULT=*hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4104E Get transaction log instance failed

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4105I Creating the *database_name* database with language *language*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4106I Creating the *database_name* server login

Explanation: This message is for your information only.

User Response: No action is required.

ARS4107W Warning: The server login already exists

Explanation: The server login already exists.

User Response: The command continues because the login already exists. No additional action is necessary.

ARS4108E The server login could not be created. HRESULT=*hresult*

Explanation: The database failed.

User Response: See your database message reference for more information.

ARS4109E The database user could not be created. HRESULT=*hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4110E Unable to set language to *language*. HRESULT=*hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4111E Connect failed. HRESULT=*hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4112E Unable to start *database_name*. HRESULT=*hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4113W *database_name* has already been started

Explanation: The database has already been started.

User Response: Because the database is already started, you do not need to specify the start database parameter.

ARS4114E • ARS4201I

ARS4114E **Unable to stop** *database_name*. **HRESULT=***hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4115I **Number of rows exported** = *rows_exported*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4116I **Number of rows imported** = *rows_imported*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4117E **Table** *table_name* **does not exist.** **HRESULT=***hresult*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4118E *action* **for library** *database_name* **failed with exception** *rc*

Explanation: The database failed.

User Response: See the messages and codes publication of the database manager product that you are using with OnDemand for information about database errors.

ARS4119I **Creating links for the following file:**

file_name

Do you wish to use DISK(1) or ADISM(2)?

Please specify 1 or 2:

Explanation: The ARSDB program issues a prompt to specify the type of archived log file user exit.

User Response: Specify **1** (one) to maintain the log files on disk. Specify **2** (two) to use TSM to maintain the log files.

ARS4120E **SET RULES=STD failed**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4200E **Creation of** *system_folder* **information failed due to an unexpected interrupt**

Explanation: The ARSSYSCR program failed.

User Response: Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4201I **Deleting folder with fid =** *fid*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4202I Deleting named queries (if any) associated with folder/fid = *fid*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4203I Deleting application group with agid = *agid*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4204I Updating *owner.table_name*, may result in no updates

Explanation: This message is for your information only.

User Response: No action is required.

ARS4206I Updating *owner.table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4207I Adding to *owner.table_name* with Storage Set Id = *sid*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4208I Adding to *owner.table_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4209I Creation of *system_folder* information was successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS4210E Creation of *system_folder* information failed

Explanation: The ARSSYSCR program failed when attempting to create the system definitions.

User Response: See the other messages that were generated by the ARSSYSCR program to determine the cause of the problem. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4211E Failed while creating the OnDemand *system_folder*

Explanation: The ARSSYSCR program failed when attempting to create the system definitions.

User Response: See the other messages that were generated by the ARSSYSCR program to determine the cause of the problem. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS4212I Usage: arssyscr [-I <od_inst>] [-l | -m | -p]

Version: *version*

-l System Log

-m System Migration

-o <filename> Output file name

-p OnDemand Publications

-I <od_inst> OnDemand Instance Name

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please refer to the OnDemand configuration guide.

ARS4300I Usage: arslload [options] [load_file]

Version: *version*

-a <appl> The application within the application group

Defaults to filename conventions

-A <field> MVS filename component to use for OnDemand application

-c <idx_dir> The directory to run the indexer

Defaults to current directory

-C <class> OD/390 JES class to monitor

-d <dl_dir> The download directory

Can be specified more than once

-E Invoke exits associated with ARS.RSADUPDT logical exit point

-f If load fails, unload the data

-F <form> OD/390 JES form to monitor

-g <appl_grp> The application group

Defaults to filename conventions

-G <field> MVS filename component to use for OnDemand application group
(OD/390) WRITER.MVS.JOBNAME.DATASET.FORMS

- or -

MVS.JOBNAME.DATASET.FORMS

(Otherwise) MVS.JOBNAME.DATASET.FORMS

Defaults to FORMS

-h <od_inst> OnDemand library server or instance name (same as -I)

-i Run the Indexer Only

-I <od_inst> OnDemand library server or instance name (same as -h)

-j <parm_file> Additional indexing parameters

-n Do not remove files

-p <passwd> Password

-s <input>

(OD/390) JCL ddname to use as input (i.e., INPUT)

-t <seconds> Time interval to sleep

Defaults to *seconds* seconds

-u <userid> Userid

-U <file> File to find default userid/passwd

Defaults to *file_name*

-v Verbose

-W <writer> (OD/390) JES writer to monitor

-Z <user_def> User-defined string passed to load user exit

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS4302I *timestamp* -- Indexing started, *bytes* bytes to process

Explanation: This message is for your information only.

User Response: No action is required.

ARS4303I --INDEXING ONLY--

Explanation: This message is for your information only.

User Response: No action is required.

ARS4304W ---->Remaining indexer messages are being ignored<----

Explanation: This message is for your information only.

User Response: No action is required.

ARS4305E Generic Indexer requires the data to have already been indexed. Index the data or verify your input file and resubmit the job

Explanation: The ARSLOAD program attempted to use the OnDemand generic indexer. However, an index file does not exist or the indexing records in the index file are not valid for the generic indexer.

User Response: Verify that the indexing records in the index file are valid for the generic indexer. Then resubmit the command. See the *Indexing Reference* for more information about the generic indexer.

ARS4306E Unknown Indexer >indexer<

Explanation: The indexer that is specified for the application is not a valid indexing program.

User Response: Start the administrative client and update the application. Open the Indexer Information page and specify a valid Indexer. Then resubmit the command.

ARS4307E Output/Indexer file was not created

Explanation: The indexing program did not create the output file or the index file.

User Response: Verify and correct the indexing parameters and then resubmit the command.

ARS4308I timestamp Indexing completed

Explanation: This message is for your information only.

User Response: No action is required.

ARS4309E timestamp Indexing failed

Explanation: The indexing program failed.

User Response: Verify and correct the indexing parameters and then resubmit the command.

ARS4310I timestamp Loading completed

Explanation: This message is for your information only.

User Response: No action is required.

ARS4311E timestamp Loading failed

Explanation: The ARSLOAD program failed.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4312I • ARS4320I

ARS4312I *timestamp* -- **Loading started, bytes bytes to process**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4313E **The postprocessor command >command< failed on the DB file >db_file_name< for the file >file_name<**

Explanation: The ARSLOAD program failed when attempting to run the specified postprocessor command.

User Response: Verify the full path name of the command. Verify that the command runs successfully outside of the OnDemand environment. Then resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4314E **File >file_name< cannot be processed because the Application Group cannot be determined**

Explanation: The ARSLOAD program failed because the name of the application group to load was not specified or could not be derived from the input file name.

User Response: Resubmit the command with the name of the application group or verify that the name of the input file contains the name of the application group and then resubmit the command. See the OnDemand administration guide for more information about how the ARSLOAD program can derive the name of the application group from the input file name.

ARS4315I **Processing file >file_name<**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4316E **File >file_name< cannot be found for processing**

Explanation: The ARSLOAD program could not find the specified file.

User Response: Verify that the file exists and verify the file permissions. Then resubmit the command.

ARS4317I **Processing successful for file >file_name<**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4318E **Processing failed for file >file_name<**

Explanation: The ARSLOAD program failed when processing the specified file.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4319W **Unloading of data was NOT performed**

Explanation: The ARSLOAD program failed. However, the ARSLOAD program did not unload the data.

User Response: Unload the data by submitting the ARSADMIN program with the UNLOAD function. Otherwise, specify the unload parameter when you submit the ARSLOAD program.

ARS4320I *timestamp* -- **Unloading started**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4321I *timestamp* -- Unloading of data was successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS4322E *timestamp* -- Unloading of data failed

Explanation: The ARSLOAD program failed when attempting to unload data.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4323E Unable to log load information

Explanation: The ARSLOAD program failed when attempting to obtain the log load information.

User Response: Resubmit the command with the **-v** (verbose) parameter. Use the information from the additional messages to correct the problem. Then resubmit the command.

ARS4324E File *>file_name<* renamed to *>file_name.Failed<*. Correct problems and resubmit file.

Explanation: The ARSLOAD program failed and renamed the specified file.

User Response: See the other messages that the ARSLOAD program generated. Correct any problems and then resubmit the command.

ARS4325E The **-n** option should not be used when running this command as a daemon. This will cause the files to be recursively loaded.

Explanation: An attempt was made to start the ARSLOAD program as a daemon, however, the **-n** parameter was specified. The **-n** parameter is not valid when running the ARSLOAD program as a daemon.

User Response: Resubmit the command without the **-n** parameter.

ARS4326E Could not connect to server to establish log id

Explanation: The ARSLOAD program failed when attempting to obtain the log id.

User Response: Verify that the server on which you want to load the data is running. Then resubmit the command.

ARS4327E Processing has stopped. The remaining files will NOT be processed.

Explanation: The ARSLOAD program failed.

User Response: See the messages that were generated by the ARSLOAD program. Resubmit the ARSLOAD program to load the files that were not loaded.

ARS4328E ARSSAPIR failed: rc = rc sapi_rc(sapi_rsn)

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4329E SVC 99 failed for file *file_name*: S99ERROR = error, S99INFO = info

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4400I • ARS4502E

ARS4400I Usage: `arsview [-c] [-l] [-w] [-h] [-o] [-r] [-f] [-t] inputfile`

Version: *version*

- c <chars> Characters per inch (horizontal) (default: 18)
- l <lines> Lines per inch (vertical) (default: 12)
- w <inches> Page width (default: 8.5)
- h <inches> Page height (default: 11.0)
- o <rot> Page orientation (0 | 90 | 180 | 270)
- r <file> Resource group file
- f <dir> Font directory
- t <file> Trace file
- x Suppress rules/lines
- y Character space reset

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS4401E Error opening input file - *file_name*

Explanation: The ARSVIEW program failed when attempting to open the specified input file.

User Response: Verify that the file exists and verify the name of the file. Verify the file permissions. Then resubmit the command.

ARS4500I Usage: `arsdate [-a|-i|-t] [-d] [-f] [-g] [-h] [-m] [-n] [-s] [-y] (value | number)`

Version: *version*

- a Archive internal date format. (Default)
- d <days> Days to add
- f <fmt> Format string for value or number
- g Get today's date
- h <hours> Hours to add
- i Archive internal date/time format wo/TZ
- m <months> Months to add
- n <mins> Minutes to add
- s <secs> Seconds to add
- t Archive internal time format
- y <years> Years to add
- z Archive internal date/time format w/TZ

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS4501I Today: *timestamp*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4502E Failed

Explanation: The ARSDATE program could not perform the requested date conversion.

User Response: Verify that the date or date / time value is correct and then resubmit the command.

ARS4600I **Usage:** `arsadm [user | group | printer | set]`
 Version: *version*

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS4601I **Usage:** `arsdoc [get | query | add | update | delete | print]`
 Version: *version*

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS4602E **Unknown command** *>command<*

Explanation: Unable to run the specified command.

User Response: Verify that the command exists and verify the file permissions. Then resubmit the command.

ARS4700I **OnDemand Command Prompt**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4701E **Unknown command to execute**

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4702E **Unable to get command** *>command< status, errno=errno*

Explanation: Unexpected error occurred during the execution of this program.

User Response: If the problem persists, contact your IBM Service Representative.

ARS4703E **Unable to execute command** *>command<, errno=errno*

Explanation: Unable to run the specified command.

User Response: Verify that the command exists and verify the file permissions. Then resubmit the command.

ARS4800I **Received index data** *>text<*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4801I **Returned index data** *>text<*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4802I **All index data has been returned.**

Explanation: This message is for your information only.

User Response: No action is required.

ARS4804I • ARS4904E

| ARS4804I **Locale** = 'locale', **number of bytes received** = 'num_bytes', **hex value** = 'hex_value'

| **Explanation:** This message is for your information only.

| **User Response:** No action is required.

| ARS4805I **Locale** = 'locale', **number of bytes received** = 'num_bytes', **hex value** = 'hex_value'

| **Explanation:** This message is for your information only.

| **User Response:** No action is required.

| ARS4806I **Initializing arscmnst. Version:** version

| **Explanation:** This message is for your information only.

| **User Response:** No action is required.

ARS4900I **Usage:** arspdoci [parmdd filename]

Version: version

Coordinates: Metrics (units X and Y are specified in)
 Inches | Centimeters | Millimeters

Fontlib: Font directory

Inputdd: Input filename

Msgdd: Message filename - default is stdout

Outputdd: Output filename pattern

TraceDD: Trace file - default is stderr

Trace: What to trace - default is off

 API | WORDS | FCNS | INDEX | ALL

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the *Indexing Reference*.

ARS4901I parameter

Explanation: This message is for your information only.

User Response: No action is required.

ARS4902I **Number of input pages** = pages

Explanation: This message is for your information only.

User Response: No action is required.

ARS4903E keyword keyword contains non-numeric identifier

Explanation: The identifier for the specified keyword must be a number from 1 to 16 (TRIGGER parameter) or 1 to 32 (INDEX or FIELD parameter).

User Response: Correct the identifier and then resubmit the command.

ARS4904E **Error allocating bytes bytes memory**

Explanation: The PDF indexer was unable to allocate the requested amount of memory.

User Response: Decrease the load on the system or increase the amount of memory available to the PDF indexer and then resubmit the command.

ARS4905E *parameter* **parameter syntax incorrect**

Explanation: The syntax for the trigger, field, or index parameter is not correct.

User Response: Correct the parameter and then resubmit the command.

ARS4906E **Unknown parameter:** *parameter*

Explanation: The specified string is not a valid PDF indexer parameter.

User Response: Correct the parameter and then resubmit the command.

ARS4907E **Incorrect index file definition**

Explanation: The file specified for the INDEXDD file definition parameter is not a valid file name.

User Response: Correct the file name specified on the file definition parameter and then resubmit the command.

ARS4908E **Incorrect input file definition**

Explanation: The file specified for the INPUTDD file definition parameter is not a valid file name.

User Response: Correct the file name specified on the file definition parameter and then resubmit the command.

ARS4909E **Incorrect output file definition**

Explanation: The file specified for the OUTPUTDD file definition parameter is not a valid file name.

User Response: Correct the file name specified on the file definition parameter and then resubmit the command.

ARS4910E **Incomplete indexing parameters supplied**

Explanation: The current set of indexing parameters does not permit the PDF indexer to create index data.

User Response: Correct the parameters and then resubmit the command.

ARS4911E **Error opening INDEX file** *file_name*

Explanation: The specified file does not exist or the file permissions do not allow the file to be opened.

User Response: Verify that the file exists and verify that the file permissions allow the file to be opened. Then resubmit the command.

ARS4912E **Error opening Input file** *file_name*

Explanation: The specified file does not exist or the file permissions do not allow the file to be opened.

User Response: Verify that the file exists and verify that the file permissions allow the file to be opened. Then resubmit the command.

ARS4913E **Error opening Parameter file** *file_name*

Explanation: The specified file does not exist or the file permissions do not allow the file to be opened.

User Response: Verify that the file exists and verify that the file permissions allow the file to be opened. Then resubmit the command.

ARS4914E **Trigger(s) not found by page** *page*

Explanation: The PDF indexer did not find a trigger by the specified page number. The INDEXSTARTBY parameter determines the page number by which the PDF indexer must find a trigger and begin indexing.

User Response: Verify the page number that is specified on the INDEXSTARTBY parameter. If the page number is correct, verify the TRIGGER parameters. Then resubmit the command.

ARS4915E • ARS4921E

ARS4915E Field(s) not found by page *page*

Explanation: The PDF indexer did not find a field by the specified page number. The INDEXSTARTBY parameter determines the page number by which the PDF indexer must find a trigger and begin indexing for a field.

User Response: Verify the page number that is specified on the INDEXSTARTBY parameter. If the page number is correct, verify the FIELD parameters. Then resubmit the command.

ARS4916E Failed Adobe Toolkit Initialization rc=*rc*Error string : *string*

Explanation: The Adobe toolkit returned an error.

User Response: Verify the directories that are specified on the FONTLIB and TEMPDIR parameters. Verify the directory permissions. Verify that the directories named on the FONTLIB parameter provide access to the fonts that are required by the PDF indexer. Verify that the directory named on the TEMPDIR parameter contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4917E Create of new Document Segment failed

Explanation: The Adobe toolkit returned an error when trying to create a new document segment.

User Response: Verify the directories that are specified on the FONTLIB and TEMPDIR parameters. Verify the files and directories that are named on the INPUTDD and OUTPUTDD parameters. Verify the file and directory permissions. Verify that the directories that are named on the FONTLIB parameter provide access to the fonts that are required by the PDF indexer. Verify that the directory that is named on the TEMPDIR and OUTPUTDD parameters contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4918E Page extraction failed!

Explanation: The Adobe toolkit returned an error when trying to extract pages for a new segment.

User Response: Verify the directories that are specified on the FONTLIB and TEMPDIR parameters. Verify the files and directories that are named on the INPUTDD and OUTPUTDD parameters. Verify the file and directory permissions. Verify that the directories that are named on the FONTLIB parameter provide access to the fonts that are required by the PDF indexer. Verify that the directory that is named on the TEMPDIR and OUTPUTDD parameters contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4919E Word search or extraction error

Explanation: The Adobe toolkit returned an error while searching the PDF document.

User Response: Verify the directories that are specified on the FONTLIB and TEMPDIR parameters. Verify the directory permissions. Verify that the directories that are named on the FONTLIB parameter provide access to the fonts that are required by the PDF indexer. Verify that the directory named on the TEMPDIR parameter contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4920E Error during Distil rc =*rc* Error string :*string* Check the Distiller messages

Explanation: The Acrobat Distiller returned an error while trying to distill the input file.

User Response: Use the Distiller output messages to determine the cause and resolution of the error. After correcting the error, resubmit the command.

ARS4921E The Input file contains an unsupported data type

Explanation: The input file does not contain Postscript or PDF data.

User Response: Verify that the correct file is named on the INPUTDD parameter. Verify that the file named on the INPUTDD parameter contains PostScript or PDF data. Then resubmit the command.

ARS4922I ARSPDOCI completed code *rc*

Explanation: The PDF indexer completed processing the input data with the completion code listed.

User Response: No action is required.

ARS4923E *action* **version** *rc string*

Explanation: A message that displays the product version and release.

User Response: No action is required.

ARS4924E **Error executing** *action* **API rc =rcError string:** *string*

Explanation: The Adobe toolkit returned an error.

User Response: Verify the directories that are specified on the FONTLIB and TEMPDIR parameters. Verify the directory permissions. Verify that the directories named on the FONTLIB parameter provide access to the fonts that are required by the PDF indexer. Verify that the directory named on the TEMPDIR parameter contains sufficient free space to process the input file. If the problem persists, contact your IBM Service Representative.

ARS4925I Usage: arspdump -f filename [-F font_dir] [-h] [-o output file]
[-p page number] [-t temp dir]

Version: *version*

-f: PDF file name

-F: Font directory

-h: This message

-o: Output file (default is stdout)

-p: Specifies the page number (default is all pages)

-t: Temp directory

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the *Indexing Reference*.

ARS4926I ----- Page *page* -----

Explanation: This message is for your information only.

User Response: No action is required.

ARS4927I ----- Rotated 90 degrees -----

Explanation: This message is for your information only.

User Response: No action is required.

ARS4928I ----- Rotated 180 degrees -----

Explanation: This message is for your information only.

User Response: No action is required.

ARS4929I ----- Rotated 270 degrees -----

Explanation: This message is for your information only.

User Response: No action is required.

ARS4930I • ARS5009I

ARS4930I **WordFinder version:** *version*

Explanation: This message is for your information only.

User Response: No action is required.

ARS4931I **Number of Pages =** *page*

Explanation: This message is for your information only.

User Response: No action is required.

| **ARS5001I** *program* **accepts no parameters**

| **Explanation:** The specified program does not expect any parameters to be passed on the JCL PARM parameter.

| **User Response:** Remove the parameters and rerun the program.

| **ARS5002I** **The path to** *program* **could not be determined**

| **Explanation:** An attempt was made to run the specified program. However the path to the program could not be determined.

| **User Response:** Search the problem reporting database for a fix for the problem. If no fix exists, please contact the IBM Support Center.

| **ARS5004I** **fldata() failed for** *file_name* **(RC: int_rc (X'hex_rc'))**

| **Explanation:** An unexpected error occurred attempting to determine the file information for the file.

| **User Response:** Search the problem reporting database for a fix for the problem. If no fix exists, please contact the IBM Support Center.

| **ARS5005I** **Syntax error - keyword delimiter not found**

| **Explanation:** A keyword delimiter was not found.

| **User Response:** Correct the error and re-run the job.

| **ARS5006I** **Unrecognized keyword:** *keyword*

| **Explanation:** A keyword was found that was not valid

| **User Response:** Correct the error and re-run the job.

| **ARS5007I** **Keyword operand not supplied**

| **Explanation:** A keyword operand was not supplied.

| **User Response:** Supply the missing operand and re-run the job.

| **ARS5008I** **Operand rightside delimiter not found**

| **Explanation:** The rightside delimiter for a keyword operand was not found.

| **User Response:** Supply the missing delimiter and re-run the job.

| **ARS5009I** **Operand leftside delimiter not found**

| **Explanation:** The leftside delimiter for a keyword operand was not found.

| **User Response:** Supply the missing delimiter and re-run the job.

-
- | **ARS5010I Invalid operand length**
- | **Explanation:** The operand for a keyword was too long for the keyword.
- | **User Response:** Shorten the operand and re-run the job.
-
- | **ARS5011I True/False operand expected**
- | **Explanation:** A true (true, yes, or 1) or false (false, no, or 0) was expected as the operand of the keyword.
- | **User Response:** Correct the operand and re-run the job.
-
- | **ARS5012I Operand does not consist of all decimal digits**
- | **Explanation:** The operand must be all numeric.
- | **User Response:** Correct the operand and re-run the job.
-
- | **ARS5013I Control statements processing completed - RC=*int_rc* (*X'hex_rc'*)**
- | **Explanation:** Parameter file processing has completed. The maximum return code is displayed.
- | **User Response:** No action is required.
-
- | **ARS5014I Unable to initialize environment for *instance*. RC=*rc***
- | **Explanation:** The environment could not be initialized for the specified instance.
- | **User Response:** Verify that the instance name is correct and corresponds to an instance in the ars.ini file and re-run the job.
-
- | **ARS5015I ODINSTANCE must be specified**
- | **Explanation:** The ODINSTANCE keyword is required.
- | **User Response:** Specify the ODINSTANCE keyword and re-run the job.
-
- | **ARS5016I Storage sets *sset1* and *sset2* contain the same storage node *nodename***
- | **Explanation:** The same node name appears in two storage sets. ARSEXPRI cannot determine which nodeid to use.
- | **User Response:** Remove the duplicate node from one of the storage sets.
-
- | **ARS5017I Invalid message id *msgid***
- | **Explanation:** A message was attempted to be issued for which no message template exists.
- | **User Response:** Search the problem reporting database for a fix for the problem. If no fix exists, please contact the IBM Support Center.
-
- | **ARS5018I Error occurred processing ARSMVSSR. RC = *rc1* (*rc2-rsn*)**
- | **Explanation:** The ARSMVSSR function was called to extract the SMF records, however it encountered a problem. *rc1* indicates the type of error:
- | 1 ATTACH failed
- | 2 SORT failed
- | 3 BPX1OPN failed
- | 4 BPX1WRT failed
- | *rc2* and *rsn* contain error related return and reason codes.
- | **User Response:** Search the problem reporting database for a fix for the problem. If no fix exists, please contact the IBM Support Center.

ARS5019I • ARS5024I

| **ARS5019I** **Arsadm returned invalid node on line** *linenum*. **Text=***text*

| **Explanation:** The ARSADM program was called to retrieve a list of the OnDemand storage nodes. However, the list returned was not formatted correctly. The message contains the line number and the first 200 characters of the line.

| **User Response:** Search the problem reporting database for a fix for the problem. If no fix exists, please contact the IBM Support Center.

| **ARS5020I** **SORT returned no data**

| **Explanation:** The sort process indicated that objects were found that were to be deleted. However, the file that was supposed to contain the data either does not exist or contains zero bytes.

| **User Response:** Search the problem reporting database for a fix for the problem. If no fix exists, please contact the IBM Support Center.

| **ARS5021I** *text*

| **Explanation:** The message text is produced when requested under the direction of the IBM Support Center.

| **User Response:** Provide the message text to the Support Center.

| **ARS5022I** **Sort complete. *num_objs* objects returned.**

| **Explanation:** The sort step has completed reading all the SMF records. *num_objs* were found that are candidates for unloading.

| **User Response:** No action is required.

| **ARS5023I** *cmd* **returned rc. Parms=>***parms***<**

| **Explanation:** A non-zero return value was provided by the *cmd*. This message provides the parms that were used to invoke the command.

| **User Response:** Search the problem reporting database for a fix for the problem. If no fix exists, please contact the IBM Support Center.

| **ARS5024I** **ARSEXPIR *version* invoked on *tstamp***

| **Explanation:** ARSEXPIR was invoked.

| **User Response:** No action is required.

ARS6000I Usage: arsdoc add -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ([-i <sql_query> | -q <namedquery> |
 -o <filename>] [-f <foldername>] -a <name> (-g <name> |
 -G <name>) -n field1=value1 [-O][-S <startdate,enddate[,format]>]))
 Version: *version*
 -a <name> Application Name
 -f <foldername> OnDemand folder (required in parm file)
 -g <name> Application Group Name
 -h <hostname> OnDemand Hostname (command line only)
 -i <sql_query> SQL query string
 -n <field1=value1> One or more database field names and values
 -o <filename> Data file name
 -p <passwd> OnDemand User Login Password (command line only)
 -q <namedquery> Public named query
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -G <name> Application Group Name
 -O Database fields values are not required
 -S <startdate,enddate[,format]> Segment date range
 Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6001I Usage: arsdoc update -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ((-i <sql_query> | -q <namedquery>)
 [-f <foldername>] (-g <name> | -G <name>) -n field1=value1
 [-S <startdate,enddate[,format]>]))
 Version: *version*
 -f <foldername> OnDemand folder (required in parm file)
 -g <name> Application Group Name
 -h <hostname> OnDemand Hostname (command line only)
 -i <sql_query> SQL query string
 -n <field1=value1> One or more database field names and values
 -p <passwd> OnDemand User Login Password (command line only)
 -q <namedquery> Public named query
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -G <name> Application Group Name
 -S <startdate,enddate[,format]> Segment date range
 Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6002I Usage: arsdoc delete -h hostname [-u <userid>] [-p <passwd>] [-v] (-F <parmfile> | ((-i <sql_query> | -q <namedquery>) [-f <foldername>] [-G <name>] [-S <startdate,enddate[,format]>]))

Version: *version*

- f <foldername> OnDemand folder (required in parm file)
- h <hostname> OnDemand Hostname (command line only)
- i <sql_query> SQL query string
- p <passwd> OnDemand User Login Password (command line only)
- q <namedquery> Public named query
- u <userid> OnDemand User Login Name (command line only)
- v Verbose (command line only)
- F <parmfile> Requests parameter file (command line only)
- G <name> Application Group Name
- S <startdate,enddate[,format]> Segment date range

Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6003I Usage: arsdoc get -h hostname [-u <userid>] [-p <passwd>] [-s] [-v] (-F <parmfile> | ((-i <sql_query> | -q <namedquery> | -X <load_id>) [-x <load_id>] [-f <foldername>] [-G <name>] [-a] [-c] [-g] [-N] [-n] [-o <filename>] [-d <dir>] [-L <max_docs>] [-S <startdate,enddate[,format]>]))

Version: *version*

- a Include resource group
- c Store documents in one file
- d <dir> Directory to store files
- f <foldername> OnDemand folder (required in parm file)
- g Create generic indexer file
- h <hostname> OnDemand Hostname (command line only)
- i <sql_query> SQL query string
- n Do not use bulk retrieve
- o <filename> Output file name (required in parm file)
- p <passwd> OnDemand User Login Password
- q <namedquery> Public named query
- s <seconds> delay time between requests (command line only)
- u <userid> OnDemand User Login Name
- x <load_id> LoadId to use for OnDemand
- v Verbose (command line only)
- F <parmfile> Requests parameter file (command line only)
- G <name> Application Group Name
- L <max_docs> Maximum documents to retrieve
- N Use Application group and application names in file name
- S <startdate,enddate[,format]> Segment date range
- X <load_id> LoadId to use for OnDemand

Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6004I Usage: arsdoc query -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ((-i <sql_query> | -q <namedquery> |
 -X <load_id>) [-x <load_id>] [-f <foldername>] [-G <name>]
 [-e <delim>] [-H] [-I] [-N <(field1)>][-n] [-o <filename>]
 [-d <dir>] [-L <max_hits>] [-S <startdate,enddate[,format]>]))
 Version: *version*
 -d <dir> Directory to write output file
 -e <delim> separator between database values
 -f <foldername> OnDemand folder (required in parm file)
 -h <hostname> OnDemand Hostname (command line only)
 -i <sql_query> SQL query string
 -n Add line numbers in output file
 -o <filename> Output file name (required in parm file)
 -p <passwd> OnDemand User Login Password
 -q <namedquery> Public named query
 -u <userid> OnDemand User Login Name
 -x <load_id> LoadId to use for OnDemand
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -G <name> Application Group Name
 -D Append the document handle to each record in the file
 -H Build a header record
 -I Append the LoadId to each record in the file
 -L <max_hits> Maximum hits to process
 -N <(field1)> One or more database field names; defines order in file
 -S <startdate,enddate[,format]> Segment date range
 -X <load_id> LoadId to use for OnDemand
 Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6005I Usage: arsdoc print -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ((-i <sql_query> | -q <namedquery>)
 [-f <foldername>] [-G <name>] [-P <prtr>] [-L <max_docs>]
 [-S <startdate,enddate[,format]>]))
 Version: *version*
 -f <foldername> OnDemand folder (required in parm file)
 -h <hostname> OnDemand Hostname (command line only)
 -i <sql_query> SQL query string
 -p <passwd> OnDemand User Login Password (command line only)
 -q <namedquery> Public named query
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -G <name> Application Group Name
 -L <max_docs> Maximum documents to retrieve
 -P <prtr> System printer name
 -S <startdate,enddate[,format]> Segment date range
 Flags in a parameter file must be delimited by brackets EX: [-f foldername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6006E • ARS6013E

ARS6006E Unable to get folder information. The folder does not exist or the user does not have permission to access the folder.

Explanation: The command failed when attempting to find the specified folder on the specified server.

User Response: Verify that the folder exists on the server. Verify that the user has permission to access the folder. Then resubmit the command.

ARS6007E The server failed during a search operation. View the System Log for additional messages.

Explanation: The command failed when attempting a query for documents.

User Response: Verify that the SQL string is a valid SQL query and that the database field names that are specified in the SQL string are valid. Then resubmit the command.

ARS6008E The segment start date or end date is not valid.

Explanation: The segment start date or the segment end date could not be converted to the internal date format.

User Response: Verify that the segment dates are valid date values and that the date values are in the correct date format.

ARS6009E A cancel request was received during a server request.

Explanation: Unexpected error occurred.

User Response: See the OnDemand System Log for other messages that are associated with the command. Use the information in the messages to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6010E The server operation failed.

Explanation: The command failed when attempting a query or retrieval request.

User Response: See the OnDemand System Log for other messages that are associated with the command. Use the information in the messages to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6011E The error occurred on line number *line_number*.

Explanation: The command failed with an error on the specified line number.

User Response: See the OnDemand System Log for other messages that are associated with the command. Use the information in the messages to correct the problem and then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6012E Unable to read parameter file '*file_name*'.

Explanation: The command failed when attempting to read a record from the specified parameter file.

User Response: Verify and correct the parameter file and then resubmit the command.

ARS6013E The host name or address must be provided to continue the operation.

Explanation: The host name or IP address was not provided on the command line.

User Response: Resubmit the command and specify the **-h** parameter and the host name or IP address of the server on the command line.

ARS6014E The folder name must be provided to continue the operation.

Explanation: The folder name was not provided.

User Response: Resubmit the command and specify the **-f** parameter and the name of the folder.

ARS6015E Printer '*printer_name*' was not found.

Explanation: The specified printer was not found on the server.

User Response: Verify that the printer exists on the server and that the user has permission to access the printer. Then resubmit the command.

ARS6016E The output file name '*file_name*' exceeds a maximum length of *length*.

Explanation: The number of characters in the output file name exceeds the maximum allowable length.

User Response: Change the name of the output file so that the length of the file name does not exceed the maximum allowable length. Then resubmit the command.

ARS6017E The user does not have authority to add documents.

Explanation: The application group document permissions for the user do not include the authority to add documents.

User Response: Resubmit the command with a userid that has permissions to add documents or change the application group document permissions to include the authority to add documents and then resubmit the command.

ARS6018E The user does not have authority to delete documents.

Explanation: The application group document permissions for the user does not include the authority to delete documents.

User Response: Resubmit the command with a userid that has permissions to delete documents or change the application group document permissions to include the authority to delete documents and then resubmit the command.

ARS6019E The user does not have authority to update documents.

Explanation: The application group document permissions for the user does not include the authority to update documents.

User Response: Resubmit the command with a userid that has permissions to update documents or change the application group document permissions to include the authority to update documents and then resubmit the command.

ARS6020E The database field '*database_name*' was not found in the application group.

Explanation: The database field name was not found in the application group.

User Response: Verify that the name of the database field is the same as a database field in the application group. Then resubmit the command.

ARS6021E The application group name must be provided to continue the operation.

Explanation: The application group name was not provided.

User Response: Resubmit the command with a valid application group name.

ARS6022E • ARS6030E

ARS6022E Application group '*applgrp_name*' was not found in folder '*folder_name*'.

Explanation: The specified application group cannot be searched from the specified folder.

User Response: Verify that the application group can be searched from the folder. Verify that the user has permissions to access the application group. Then resubmit the command.

ARS6023E The -s flag can only be used when a parameter file name is provided using the -F flag.

Explanation: The -s parameter specifies the amount of time to delay between requests to the server. The -s parameter is not applicable when only one request is made to the server.

User Response: Resubmit the command without the -s parameter.

ARS6024E The -N and -c flags must be specified when the -g flag is used.

Explanation: The -g parameter, the -N parameter, and the -c parameter are used together to generate a generic index file and the output file.

User Response: Resubmit the command with the -N parameter and the -c parameter.

ARS6025E The -c or -g flag cannot be used when an output file name contains database field names.

Explanation: The output file name will be generated from the database field names. Documents must be written to separate files if this option is used.

User Response: Resubmit the command without the -c parameter or the -g parameter.

ARS6026I arsdoc completed.

Explanation: This message is for your information only.

User Response: No action is required.

ARS6027E The application name must be provided to continue the operation.

Explanation: The application name was not specified.

User Response: Resubmit the command with a valid application name.

ARS6028E Application '*appl_name*' was not found in application group '*applgrp_name*'.

Explanation: The specified application was not found in the specified application group.

User Response: Verify the names of the application and the application group. Verify that the application belongs to the application group. Then resubmit the command.

ARS6029E The syntax for the value of flag -n '*value*' is not valid. Valid syntax is 'dbfield=value'.

Explanation: The value that was specified with the -n parameter did not have the correct syntax.

User Response: Change the value of the -n parameter to the format 'dbfield=value' and then resubmit the command.

ARS6030E The -o flag and the -S flag cannot be used together.

Explanation: A segment date cannot be specified if a data file name is specified.

User Response: Resubmit the command with either the -o parameter or the -S parameter.

ARS6031E The **-i** flag or the **-q** flag cannot be specified when the **-o** flag is used.

Explanation: An SQL query or a named query cannot be specified if a data file name is specified.

User Response: Resubmit the command without the **-i** and **-q** parameters.

ARS6032E At least one **field=value** pair must be provided to continue the operation.

Explanation: A request was made to add or update a document but the field values for the document were not specified.

User Response: Resubmit the command with at least one **field=value** pair.

ARS6033E An SQL query string (**-i** \"WHERE database_name = value\") must be provided to continue the operation.

Explanation: An SQL query string was not provided.

User Response: Resubmit the command with a valid SQL query string.

ARS6034W No hits were found that matched search criteria.

Explanation: No hits matched the search criteria.

User Response: Verify that this is the expected result. Otherwise, resubmit the command with different search criteria.

ARS6035E The named query '*named_query*', does not exist in folder '*folder_name*'.

Explanation: The specified named query was not found in the specified folder.

User Response: Verify that the named query exists in the folder, that the named query is a Public named query, and that the user has authority to View the named queries for the folder. Then resubmit the command.

ARS6036E The **-q** flag and the **-i** flag cannot be used together.

Explanation: A named query and an SQL query string cannot be specified in the same command.

User Response: Resubmit the command with either the **-q** parameter or the **-i** parameter.

ARS6037E The **-q** flag and the **-S** flag cannot be used together.

Explanation: A segment date cannot be specified if a named query is specified.

User Response: Resubmit the command without the **-S** parameter.

ARS6038E The syntax for the value of flag **-S** '*segment_dates*' is not valid. Valid syntax is **segdate1,segdate2** or **segdate1,segdate2,format**.

Explanation: The value specified with the **-S** parameter is not valid.

User Response: Verify that the value is in the following format: **segdate1,segdate2,format**. Then resubmit the command.

ARS6039E The only options that can be specified with the **-F** option are **-u**, **-p**, **-h**, and **-v**.

Explanation: The **-F** parameter was specified and one or more other parameters that are not valid on the command line were also specified.

User Response: Resubmit the command without the parameters that are not valid on the command line.

ARS6040E • ARS6047E

ARS6040E The only options that can be specified with the **-F** option are **-u**, **-p**, **-h**, **-s**, and **-v**.

Explanation: The **-F** parameter was specified and one or more other parameters that are not valid on the command line were also specified.

User Response: Resubmit the command without the parameters that are not valid on the command line.

ARS6041E The **-o** flag must be specified when using the **-d** flag.

Explanation: A directory name was provided without an output file name.

User Response: Resubmit the command without the **-d** parameter or resubmit the command with the **-d** parameter and the **-o** parameter.

ARS6042E The **-H**, **-n**, and **-N** flags cannot be used when requesting document handles or LoadIds.

Explanation: When requesting document handles or LoadIds, the **-H**, **-n**, and **-N** parameters cannot be specified.

User Response: Resubmit the command without the **-H**, **-n**, and **-N** parameters.

ARS6043E The **-L**, **-n**, and **-N** flags cannot be used when requesting only database field names.

Explanation: When requesting only the database field names, the **-L**, **-n**, and **-N** parameters cannot be specified.

User Response: Resubmit the command without the **-L**, **-n**, and **-N** parameters.

ARS6044E The output file name '*outfile_name*' and the directory path '*dir_path*' exceeds a maximum length of *path_size*.

Explanation: The number of characters in the output file name and the directory exceeds the maximum allowable length.

User Response: Change the file name or directory path so that the length of the file name does not exceed the maximum allowable length. Then resubmit the command.

ARS6045E The output file name '*file_name*' exceeds a maximum length of *length*.

Explanation: The number of characters in the output file name exceeds the maximum allowable length.

User Response: Change the file name so that the length of the file name does not exceed the maximum allowable length.

ARS6046E A value has not been provided for field '*field_name*'.

Explanation: A value for the specified field is missing. By default, when adding a document, values must be provided for all fields.

User Response: Resubmit the command with a value for the field or resubmit the command with the **-O** parameter to indicate that the field values are optional.

ARS6047E Data is from application '*appl_name1*', application group '*applgrp_name1*' and must be from application '*appl_name2*', application group '*applgrp_name2*'.

Explanation: A document is being added that points to an existing document. The document must be from the same application.

User Response: Resubmit the command with a document from the same application and application group to which the document will be added.

ARS6048E The name of the system printer is required to continue the operation.

Explanation: The system printer name was not specified.

User Response: Resubmit the command with the **-P** parameter and specify the name of the system printer.

ARS6049E The **-c** flag must be specified when the **-N** flag is used.

Explanation: Documents must be concatenated into one file when the **-N** parameter is specified.

User Response: Resubmit the command with the **-c** parameter.

ARS6050E The **-o** flag must be specified when either the **-c** or **-g** flag is specified.

Explanation: An output file name must be specified when the **-c** or **-g** parameters are specified.

User Response: Resubmit the command with the **-o** parameter.

ARS6051E A data file name, an SQL query string, or a named query must be provided to continue the operation.

Explanation: The **-o**, **-i**, or **-q** parameter must be specified when adding a document.

User Response: Resubmit the command with the **-o**, **-i**, or **-q** parameter.

ARS6052E The length of the delimiter is invalid. The delimiter can only be 1 character.

Explanation: The value that was specified for the delimiter contains more than one character.

User Response: Resubmit the command with a valid, one-character delimiter.

ARS6053E The output filename format is invalid.
Syntax is as follows. (Parentheses are required.)
(ag_name1)(ag_name2)(ag_name3)

Explanation: The output file name is not in the correct format.

User Response: Resubmit the command with a valid output file name.

ARS6054E The header format is invalid. Syntax is as follows (Parentheses are required):
(ag_name1)(ag_name2)(ag_name3)

Explanation: The header string is not in the correct format.

User Response: Resubmit the command with a valid header string.

ARS6055E A maximum of '*max_hits*' hits(s) were requested for this query. The number of matching hits found was '*num_hits*'.

Explanation: The SQL query matched more items than the number requested.

User Response: Change the SQL query string to match fewer items or increase the maximum number of items that can be returned. Then resubmit the command.

ARS6056E Unable to retrieve resource group for '*file_name*'.

Explanation: The command failed when attempting to retrieve a resource group.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6057E • ARS6066I

ARS6057E 'LoadId could not be found'

Explanation: The System Log was searched but the LoadId could not be found.

User Response: Resubmit the command with a valid LoadId.

ARS6058E Invalid option '*option*'.

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6059W The number of hits returned has been limited to the maximum number of hits defined in the folder.

Explanation: The folder has a limit on the number of items that can be returned and the query has exceeded the maximum limit.

User Response: Verify that this was the expected result. Otherwise, resubmit the command with different search criteria.

ARS6060I Attempting login for userid '*userid*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6061I Querying for printers on server '*server_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6062I Searching for folder '*folder_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6063I Searching for documents in '*folder_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6064I Deleting *num_documents* documents

Explanation: This message is for your information only.

User Response: No action is required.

ARS6065I Deleting document *document_name*

Explanation: This message is for your information only.

User Response: No action is required.

ARS6066I Waiting *seconds* seconds ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6067I **Sending *num_documents* documents to printer '*printer_name*' on server '*server_name*' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6068I **Updating *num_documents* documents with *field_values***

Explanation: This message is for your information only.

User Response: No action is required.

ARS6069I **Updating document *field_values_string* ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6070I **Adding document with fields: *field_values* ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6071I **Writing *num_hits* hits in file '*file_name*' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6072I **Writing database field names in file '*file_name*' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6073I **Retrieving document for userid '*userid*' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6080I **Login successful**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6081E **Login unsuccessful**

Explanation: The command failed when attempting to log on to the server.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6082I **Query successful**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6083E • ARS6091E

ARS6083E Query unsuccessful

Explanation: The command failed when attempting to query the database.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6084I Search successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS6085E Search unsuccessful

Explanation: The command failed when attempting to query the database.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6086I Add successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS6087E Add unsuccessful

Explanation: The command failed when attempting to add a document.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6088I Update successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS6089E Update unsuccessful

Explanation: The command failed when attempting to update a document.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6090I Delete successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS6091E Delete unsuccessful

Explanation: The command failed when attempting to delete a document.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6092I Write successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS6093E Write unsuccessful

Explanation: The command failed when attempting to write a document.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6094I Document successfully retrieved.

Explanation: This message is for your information only.

User Response: No action is required.

ARS6095I Document successfully retrieved and stored in file '*file_name*'

Explanation: This message is for your information only.

User Response: No action is required.

ARS6096E Retrieve unsuccessful

Explanation: The command failed when attempting to retrieve a document.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6097I Print request successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS6098E Print request unsuccessful

Explanation: The command failed when attempting to print a document.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6099E The folder field value of '*field_value*' is not valid for field '*field_name*'.

Explanation: The specified value is not valid for the specified folder field.

User Response: Resubmit the command with a value that is valid for the folder field.

ARS6100E The -f, -i, -q, -x, or -S flag cannot be used with the -X flag.

Explanation: An incorrect parameter was specified.

User Response: Resubmit the command without the -f, -i, -q, -x, or -S parameters.

ARS6101E Application group '*applgrp_name*' was not found on server '*server_name*'.

Explanation: The specified application group could not be found on the specified server.

User Response: Verify the name of the application group and the name of the server. Verify that the application group exists on the server. Verify that the user has permission to access the application group. Then resubmit the command.

ARS6102E • ARS6108I

ARS6102E Unable to restore hit from record '*rec_number*' in file '*file_name*'.

Explanation: The record contains missing information or incorrect values and cannot be processed.

User Response: Resubmit the command with a valid record.

ARS6103E Object Retrieval of index file failed using command '*command*'.

Explanation: The command failed when attempting to retrieve an index file.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6104E Decompressing index file failed using command '*command*'.

Explanation: The command failed when attempting to uncompress an index file.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6105E Converting index file to client code page failed using command '*command*'.

Explanation: The command failed when attempting to convert an index file to the code page of the instance of OnDemand on which the command was processed.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

| **ARS6107I** *hits_queried* document(s) have been queried. Retrieving *hits_retrieved* document(s).

| **Explanation:** This message is for your information only.

| **User Response:** No action is required.

| **ARS6108I** Starting arsdoc. Version: *version*

| **Explanation:** This message is for your information only.

| **User Response:** No action is required.

ARS6500I Usage: `arsadm user -h hostname [-u <userid>] [-p <passwd>] [-v]`
`(-F <parmfile> | ([-a <action>] [-d <desc>] [-e <expire_date>]`
`[-f <format>] [-g <[+]-group1>] [-i <userid>] [-s <time_out>]`
`[-t <type>] [-w <passwd>] [-A <account>] [-B <bldg>]`
`[-C <company>] [-D <dept>] [-G <cover_page>] [-L <dflt_prtr>]`
`[-N <name>] [-P <phone_no>] [-R <room>] [-T <title>]`
`[-U <uid>] [-X <fax_no>] [-E <email>] [-1 <addr1>]`
`[-2 <addr2>] [-3 <addr3>] [-4 <addr4>]))`
 Version: *version*
 -a <action>
 a Add user
 d Delete user
 u Update user
 -d <desc> Description
 -e <expire_date> Date used to delete users
 -f <format> Format of date string
 -g <[+]-group1> list of userids separated by spaces
 + add user to group
 - remove user from group on update
 -h <hostname> OnDemand Hostname (command line only)
 -i <userid> New or existing userid
 -p <passwd> OnDemand User Login Password (command line only)
 -s <time_out> Inactivity Time out
 -t <type>
 a Create appl/appl grps
 b Create appl/appl grps & folders
 c Create users
 d Appl group/folder administrator
 e Create groups
 f Create folders
 g User administrator
 s System administrator
 u User
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -w <passwd> Password of user being processed
 -A <account> Account information
 -B <bldg> Building
 -C <company> Company
 -D <dept> Department
 -E <email> E-Mail Address
 -F <parmfile> Requests parameter file (command line only)
 -G <cover_page> Cover page
 -L <dflt_prtr> Default printer
 -N <name> Name
 -P <phone_no> Phone number
 -R <room> Room
 -T <title> Title
 -U <uid> UID
 -X <fax_no> Fax number
 -1 <addr1> Address line 1
 -2 <addr2> Address line 2
 -3 <addr3> Address line 3
 -4 <addr4> Address line 4

Flags in a parameter file must be delimited by brackets EX: [-i userid]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6501I Usage: `arsadm group -h hostname [-u <userid>] [-p <passwd>] [-v] (-F <parmfile> | ([-a <action>] [-d <desc>] -g <groupname> [-i <[+>]user1>] [-o <owner>] [-G <gid>]))`
 Version: *version*
 -a <action>
 a Add group
 d Delete group
 u Update group
 -d <desc> Description
 -g <groupname> New or existing group name
 -h <hostname> OnDemand Hostname (command line only)
 -i <[+>]user1> list of userids separated by spaces
 + add user to group
 - remove user from group on update
 -o <owner> Userid or Group name that owns the group
 -p <passwd> OnDemand User Login Password (command line only)
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -G <gid> GID

Flags in a parameter file must be delimited by brackets EX: [-g groupname]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6502I Usage: `arsadm printer -h hostname [-u <userid>] [-p <passwd>] [-v] (-F <parmfile> | ([-a <action>] [-d <desc>] -n <printername> -q <queue> [-t <type>]))`
 Version: *version*
 -a <action>
 a Add printer
 d Delete printer
 u Update printer
 -d <desc> Description
 -h <hostname> OnDemand Hostname (command line only)
 -n <printername> New or existing printer name
 -p <passwd> OnDemand User Login Password (command line only)
 -q <queue> Name of PSF printer queue
 -t <type>
 p Printer
 f Fax
 i Printer with information
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)

Flags in a parameter file must be delimited by brackets EX: [-n printername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6503E The server failed while attempting to get user information.

Explanation: The command failed when attempting to get user information from the server.

User Response: See the other messages that the command generated and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6504E The server failed while attempting to get group information.

Explanation: The command failed when attempting to get group information from the server.

User Response: See the other messages that the command generated and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6505E The server failed while attempting to get printer information.

Explanation: The command failed when attempting to get printer information from the server.

User Response: See the other messages that the command generated and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6507I arsadm completed.

Explanation: This message is for your information only.

User Response: No action is required.

ARS6508E UID must be a valid number less than or equal to 80000.

Explanation: The value that was specified for the UID is not a valid value.

User Response: Resubmit the command with a valid UID value.

ARS6509E GID must be a valid number greater than 80000.

Explanation: The value that was specified for the GID is not a valid value.

User Response: Resubmit the command with a valid GID value.

ARS6510E The userid must be provided to continue the operation.

Explanation: The userid was not specified.

User Response: Resubmit the command with a valid userid.

ARS6511E The group name must be provided to continue the operation.

Explanation: The group name was not specified.

User Response: Resubmit the command with a valid group name.

ARS6512E The queue name must be provided to continue the operation.

Explanation: The queue name was not specified.

User Response: Resubmit the command with a valid queue name.

ARS6513E The queue name cannot be removed when updating a printer.

Explanation: The queue name is a required field and cannot be blank.

User Response: Resubmit the command with a valid queue name.

ARS6514E The printer name must be provided to continue the operation.

Explanation: The printer name was not specified.

User Response: Resubmit the command with a valid printer name.

ARS6515E • ARS6524E

ARS6515E The UID cannot be specified when updating a user.

Explanation: The UID value cannot be changed for an existing user.

User Response: Resubmit the command without the UID value.

ARS6516E The GID cannot be specified when updating a group.

Explanation: The GID value cannot be changed for an existing group.

User Response: Resubmit the command without the GID value.

ARS6517E When deleting a user only the -i flag or the -e and -f flags can be specified.

Explanation: Conflicting or incorrect parameters were specified.

User Response: Resubmit the command with the correct parameters.

ARS6518E Flags that provide group information cannot be specified when deleting a group (Ex. -d desc).

Explanation: Conflicting or incorrect parameters were specified.

User Response: Resubmit the command with the correct flags.

ARS6519E Flags that provide printer information cannot be specified when deleting a printer (Ex. -d desc).

Explanation: Conflicting or incorrect parameters were specified.

User Response: Resubmit the command with the correct parameters.

ARS6520E Printer '*printer_name*' was not found.

Explanation: The specified printer could not be found on the server.

User Response: Verify the name of the printer and that the printer exists on the server. Then resubmit the command.

ARS6521E Group '*group_name*' was not found.

Explanation: The specified group could not be found on the server.

User Response: Verify the name of the group and that the group exists on the server. Then resubmit the command.

ARS6522E User '*userid*' was not found.

Explanation: The specified user could not be found on the server.

User Response: Verify the name of the user and that the user exists on the server. Then resubmit the command.

ARS6523E User cannot be removed from group '*group*' when performing an add operation.

Explanation: The specified group was preceded by a dash (-) character, which indicates that the user should be removed from the group. However, a user cannot be removed from a group during an add operation.

User Response: Resubmit the command without the dash character in front of the group or resubmit the command without the group.

ARS6524E Userid '*userid*' does not exist.

Explanation: The specified userid could not be found on the server.

User Response: Verify the userid and verify that the userid exists on the server. Then resubmit the command.

ARS6525E Group name '*group_name*' does not exist.

Explanation: The specified group name could not be found on the server.

User Response: Verify the name of the group and that the group exists on the server. Then resubmit the command.

ARS6528E User '*userid*' cannot be added. Either the userid or UID already exists.

Explanation: The specified userid or the UID already exists in the database.

User Response: Resubmit the command with a different userid or UID value.

ARS6529E Group name '*group_name*' cannot be added. Either the group name or GID already exists.

Explanation: The specified group name or the GID already exists in the database.

User Response: Resubmit the command with a different group name or GID value.

ARS6530E Printer name '*printer_name*' cannot be added. The printer name already exists.

Explanation: The specified printer name already exists in the database.

User Response: Resubmit the command with a different printer name.

ARS6531E The '*-flag*' flag has a value that exceeds the maximum length of '*length*'.

Explanation: The value that was provided for the specified parameter exceeds the maximum length allowed.

User Response: Resubmit the command with a valid value for the parameter.

ARS6532E User '*userid*' already exists in group '*group_name*'.

Explanation: The specified user has already been added to the specified group.

User Response: Verify the userid and verify the name of the group. Then resubmit the command.

ARS6533E User '*userid*' has already been removed from group '*group_name*'.

Explanation: The specified user has already been removed from the specified group.

User Response: Verify the userid and the name of the group. Then resubmit the command.

ARS6534E '*name*' was found more than one time in the list.

Explanation: The specified name was included in the list more than once.

User Response: Remove the duplicate name from the list and then resubmit the command.

ARS6535E The first available UID could not be determined from the server.

Explanation: Unexpected error occurred.

User Response: Contact your IBM Service Representative.

ARS6536E The first available GID could not be determined from the server.

Explanation: Unexpected error occurred during processing of this command.

User Response: Contact your IBM Service Representative.

ARS6537E • ARS6546I

ARS6537E The inactivity time out value must be -1 (never time out), 0 (use system value), or in the range 1 - 1440.

Explanation: The value that was specified for the Inactivity Time Out value is not valid.

User Response: Resubmit the command with a valid Inactivity Time Out value. To find out more about the Inactivity Time Out value, start the administrative client, log on to a server, and open the System Parameters dialog box for the server. See the online help for the System Parameters dialog box for more information.

ARS6538I Querying for user '*userid*' on server '*server_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6539I Querying for group '*group_name*' on server '*server_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6540I Adding user '*userid*' to group '*group_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6541I Deleting user '*userid*' from group '*group_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6542I Adding user '*userid*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6543I Deleting user '*userid*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6544I Updating user '*userid*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6545I Adding group '*group_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6546I Deleting group '*group_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6547I **Updating group 'group_name' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6548I **Adding printer 'printer_name' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6549I **Deleting printer 'printer_name' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6550I **Updating printer 'printer_name' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6551E **The group 'group_name' cannot be used as the group owner.**

Explanation: The owner of the group cannot be the group itself.

User Response: Resubmit the command with a different group name for the group owner.

ARS6552E **The date value of 'date_value' using format 'format' cannot be converted to an internal date value.**

Explanation: The specified date value could not be converted to an internal date value.

User Response: Resubmit the command with a valid date value using the specified format.

ARS6553E **The -e and -f flags can only be used when deleting a user.**

Explanation: The -e or -f parameters were specified and the requested operation was not Delete.

User Response: Resubmit the command without the -e and -f parameters.

ARS6554E **The report generation flags -O and -S cannot be used with flags that are used for add/update/delete functions.**

Explanation: The -O and -S parameters can be specified only to generate a report.

User Response: Resubmit the command without the -O and -S parameters.

ARS6594I **Report has been written to file 'file_name'**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6617I **Querying for application groups on server 'server' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6635I • ARS6662E

ARS6635I **Querying for folders on server 'server' ...**

Explanation: This message is for your information only.

User Response: No action is required.

ARS6653I **Flags that are used to perform add/update/delete functions cannot be specified when requesting a report.**

Explanation: When requesting a report, only the directory, file name, and name can be specified.

User Response: Resubmit the command with the correct parameters.

ARS6661E **The output file name must be specified if a directory path is specified.**

Explanation: The directory path was specified without an output file name.

User Response: Resubmit the command with a valid path and output file name.

ARS6662E **The name must be provided to continue the operation.**

Explanation: The name was not provided.

User Response: Resubmit the command with a valid name.

ARS6663I Usage: `arsadm set -h hostname [-u <userid>] [-p <passwd>] [-v] (-F <parmfile> | ([-a <action>] -n <setname> [-d <desc>] [-t <type>] [-H <objserver>] [-N <nodename>] [-D <desc>] [-i <logon>] [-w <passwd>] [-l <nodename>] [-T <nodetype>] [-c <value>] [-A <nodeaction>]))`

Version: *version*

-a <action>
 a Add storage set
 d Delete storage set
 u Update storage set

-c <value>
 y Cache only
 n Non-cache only

-d <desc> Description of storage set

-h <hostname> OnDemand Hostname (command line only)

-i <logon> Storage manager logon name

-l <nodename> Identifier for the storage node

| | |
|-----------------------------|----------------------|
| Storage Node | |
| High Level Qualifier (VSAM) | OD/390 Object Server |
| Collection Name (OAM) | OD/390 Object Server |

-n <setname> Storage set name

-p <passwd> OnDemand User Login Password (command line only)

-t <loadtype> Storage Set load type
 f Fixed
 l Local

-u <userid> OnDemand User Login Name (command line only)

-v Verbose (command line only)

-w <passwd> Storage manager logon password

-A <nodeaction>
 a Add storage node
 d Delete storage node
 u Update storage node

-D <desc> Description of storage node

-F <parmfile> Requests parameter file (command line only)

-H <objserver> Object Server name for storage node

-N <nodename> Storage node Name

-T <nodetype> Storage Node type
 n Non-OD/390 Object Server
 o OD/390 Object Server using the OAM Access Method
 v OD/390 Object Server using the VSAM Access Method

Flags in a parameter file must be delimited by brackets EX: [-n setname]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6664E '*name*' was not found or does not exist on the server.

Explanation: The specified object was not found on the server.

User Response: Verify that the object exists on the server and that the user has the authority to access the object. Then resubmit the command.

ARS6692I Usage: `arsadm appl -h hostname [-u <userid>] [-p <passwd>] [-v]`
`(-F <parmfile> | ([-a <action>] -n <applname> [-O <filename>]`
`[-S <dir>]))`
 Version: *version*
 -a <action>
 r Generate a report for the application
 -h <hostname> OnDemand Hostname (command line only)
 -n <applname> Existing application name
 -p <passwd> OnDemand User Login Password (command line only)
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -O <filename> Report file name
 -S <dir> Directory to store report
 Flags in a parameter file must be delimited by brackets EX: [-n applname]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6693I Usage: `arsadm applgrp -h hostname [-u <userid>] [-p <passwd>] [-v]`
`(-F <parmfile> | ([-a <action>] -n <applgrpname> [-O <filename>]`
`[-S <dir>]))`
 Version: *version*
 -a <action>
 r Generate a report for the application group
 -h <hostname> OnDemand Hostname (command line only)
 -n <applgrpname> Existing application group name
 -p <passwd> OnDemand User Login Password (command line only)
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -O <filename> Report file name
 -S <dir> Directory to store report
 Flags in a parameter file must be delimited by brackets EX: [-n applgrpname]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6694I Usage: `arsadm folder -h hostname [-u <userid>] [-p <passwd>] [-v]`
`(-F <parmfile> | ([-a <action>] -n <foldername> [-O <filename>]`
`[-S <dir>]))`
 Version: *version*
 -a <action>
 r Generate a report for the folder
 -h <hostname> OnDemand Hostname (command line only)
 -n <foldername> Existing folder name
 -p <passwd> OnDemand User Login Password (command line only)
 -u <userid> OnDemand User Login Name (command line only)
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -O <filename> Report file name
 -S <dir> Directory to store report
 Flags in a parameter file must be delimited by brackets EX: [-n foldername]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6700I Usage: arsexprt -h hostname [-u <userid>] [-p <passwd>] [-v]
 (-F <parmfile> | ([-c] [-e <user_group_list>] -i <import_userid>
 -s <import_srvr> -t <type> -w <import_passwd> -N <name>))
 Version: *version*
 -c Ignore warnings
 -e <user_group_list> List of users and groups to exclude permissions
 (e.g. -e \"user1 +group1 user2 +group2\")
 (group names must be preceded by the plus sign)
 -h <hostname> OnDemand Hostname (command line only)
 -i <import_userid> Import server login userid
 -p <passwd> OnDemand User Login Password (command line only)
 -s <import_srvr> Server where object will be added
 -t <type>
 u User
 g Group
 a Application group
 s Storage set
 f Folder
 p Printer
 -u <userid> OnDemand User Login Name (command line only)
 -w <import_passwd> Import server login passwd
 -v Verbose (command line only)
 -F <parmfile> Requests parameter file (command line only)
 -N <name> Name of object to export
 Flags in a parameter file must be delimited by brackets EX: [-u userid]

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS6703E The name of the exported item must be provided to continue the operation.

Explanation: The name is missing from the request.

User Response: Resubmit the command with the name of the item to be exported.

ARS6708I arsexprt completed.

Explanation: This message is for your information only.

User Response: No action is required.

ARS6712E The only options that can be specified with the -F option are -u, -p, -h, -c, -v, -i, -s, and -w.

Explanation: One or more parameters that are not valid with the -F parameter were specified.

User Response: Resubmit the command with the correct parameters.

ARS6720E 'name' was not found on the 'server_name' server.

Explanation: The specified name could not be found on the specified server.

User Response: Verify that the object exists on the server and that the user has the authority to access the object. Then resubmit the command.

ARS6815E The import userid must be provided to continue the operation.

Explanation: The userid for the target server was not specified.

User Response: Resubmit the command with a userid for the target server.

ARS6816E • ARS6830E

ARS6816E The import password must be provided to continue the operation.

Explanation: The password for the target server was not specified.

User Response: Resubmit the command with a password for the target server.

ARS6817E The import host name must be provided to continue the operation.

Explanation: The host name of the target server was not specified.

User Response: Resubmit the command with the host name of the target server.

ARS6819E The export type must be provided to continue the operation.

Explanation: The type of export to perform was not specified.

User Response: Resubmit the command with the type of export to perform.

ARS6822I Attempting login for userid '*userid*' on server '*server_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6825I Processing *object* ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6826I Querying for users on server '*server_name*'...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6827E A user or group with id '*id*' could not be found on server '*server_name*'.

Explanation: The UID of the userid or the GID of the group could not be found on the specified server.

User Response: Verify the userid or the name of the group and the name of the server. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6828I Querying for groups on server '*server_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6829I Querying for storage sets on server '*server_name*'...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6830E '*name*' already exists on server '*server_name*'.

Explanation: The specified object already exists on the specified server.

User Response: Resubmit the command with a different object name.

ARS6831E The server failed while adding a storage set.

Explanation: The command failed when attempting to add a storage set.

User Response: See the other messages that were generated by the command and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6832E The server failed while adding a storage node to a storage set.

Explanation: The command failed when attempting to add a storage node to a storage set.

User Response: See the other messages that were generated by the command and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6833E The server host names must be different to continue the operation.

Explanation: The source server name and the target server name are the same.

User Response: Resubmit the command and specify a name for the source server that is different than the name of the target server.

ARS6834E Unable to identify the name of the default printer.

Explanation: The name of the default printer cannot be determined.

User Response: Verify that the user has access to the printer so that the printer name can be determined. Then resubmit the command.

ARS6835E The application group '*applgrp_name*' does not exist or the user does not have permission to access the application group.

Explanation: The specified application group could not be found on the server or the user does not have permission to access the application group.

User Response: Verify the name of the application group and that the application group exists on the server. Verify that the user has permission to access the application group. Then resubmit the command.

ARS6836I Querying for application group '*applgrp_name*' on server '*server_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6837E A storage set with id '*sid*' could not be found on server '*server_name*'.

Explanation: The command failed because a storage set could not be found on the specified server.

User Response: Verify the name and ID of the storage set and the name of the server. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6838E A printer with id '*pid*' could not be found on server '*server_name*'.

Explanation: The command failed because a printer could not be found on the specified server.

User Response: Verify the name and ID of the printer and the name of the server. Resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6839I Querying for folder '*folder_name*' on server '*server_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS6840E • ARS6844E

ARS6840E The folder '*folder_name*' does not exist or the user does not have permission to access the folder.

Explanation: The command failed because the specified folder could not be found on the server.

User Response: Verify the name of the folder and that the folder exists on the server. Verify that the user has permission to access the folder. Then resubmit the command. If the problem persists, contact your IBM Service Representative.

ARS6841E The server failed while deleting a storage set.

Explanation: The server operation failed when attempting to delete a storage set.

User Response: See the other messages that were generated by the command and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6842E The server failed while updating a storage set.

Explanation: The server operation failed when attempting to update a storage set.

User Response: See the other messages that were generated by the command and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6843E The server failed while deleting a storage node from a storage set.

Explanation: The server operation failed when attempting to delete a node from a storage set.

User Response: See the other messages that were generated by the command and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS6844E The server failed while updating a storage node in a storage set.

Explanation: The server operation failed when attempting to update a storage node.

User Response: See the other messages that were generated by the command and see messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS7000I Usage: arsmdmgr -h hostname [-u <userid>] [-p <passwd>] [-v] [-c <out_dir>] -d <in_dir> [-e <delim>] [-f <foldername>] [-l] -m <min_nbr> [-n <nbr_drives>] [-t <seconds>] [-F <ext>] -T <max_wait_time> [-r] [-H] [-I]

Version: *version*

- c <out_dir> Output directory
- d <in_dir> Input directory
- e <delim> Character separator between index values
- f <foldername> OnDemand folder
- h <hostname> OnDemand Hostname
- l Write messages to log file
- m <min_nbr> Minimum # of entries present before retrieval begins
- n <nbr_drives> Maximum # of drives per OnDemand Object server
- p <passwd> OnDemand User Login Password
- r Perform reconciliation processing
- t <seconds> # of seconds to wait before looking for requests
- u <userid> OnDemand User Login Name
- v Verbose
- F <ext> File extension of the input parameter files
- H Request file is in hit list format
- I Write hits to a file
- R <name> Request file name
- T <max_wait_time> # of seconds to wait before processing a request

Explanation: An incorrect parameter was specified for the command.

User Response: Resubmit the command with the correct parameters. For more information about this command, please see the OnDemand administration guide.

ARS7001I arsmdmgr completed.

Explanation: This message is for your information only.

User Response: No action is required.

ARS7002E The input directory must be provided to continue the operation.

Explanation: The input directory was not specified.

User Response: Resubmit the command with a valid input directory.

ARS7003E The directory '*dirpath*' does not exist or cannot be accessed.

Explanation: The specified directory could not be found or accessed.

User Response: Verify that the directory exists and that the user has access to the directory. Then resubmit the command.

ARS7004E The minimum number of requests to process must be provided to continue the operation.

Explanation: The minimum number of requests to process was not specified.

User Response: Resubmit the command with the minimum number of requests to process.

ARS7005E The maximum amount of time to wait to process a request must be provided to continue the operation.

Explanation: The maximum amount of time to wait was not specified.

User Response: Resubmit the command with the maximum amount of time to wait.

ARS7006E • ARS7016E

ARS7006E The folder field value of *'field_value'* is not valid for field *'field_name'* in request *'request_identifier'*.

Explanation: The specified value is not valid for the specified field.

User Response: Resubmit the command with a valid value for the field.

ARS7008E The file doesn't contain any records.

Explanation: The request file does not contain any records.

User Response: Resubmit the command with a file that contains request records.

ARS7009E Unable to submit requests with command *'command'*.

Explanation: The specified command failed.

User Response: Verify that the environment variable is set correctly and that the command exists on the system. Then resubmit the command.

ARS7010I The **-d, -F, -I, -n, -m, -r, -t, and -T** flags are being ignored in this session.

Explanation: This message is for your information only.

User Response: No action is required.

ARS7011I Logging off the server.

Explanation: This message is for your information only.

User Response: No action is required.

ARS7012I File *'file_name'* renamed to *'file_name_new'*.

Explanation: This message is for your information only.

User Response: No action is required.

ARS7013I Building hit list for *'folder_name'* ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS7014I Hit list successful

Explanation: This message is for your information only.

User Response: No action is required.

ARS7015E Hit list unsuccessful

Explanation: The command failed when attempting to generate the document list.

User Response: See the other messages that were generated by the command and see additional messages in the OnDemand System Log for more information. If the problem persists, contact your IBM Service Representative.

ARS7016E The **-r** flag and the **-H** flag cannot be used together.

Explanation: Reconciliation processing cannot be performed when the request file is in hit list format.

User Response: Resubmit the command with either the **-r** parameter or the **-H** parameter.

ARS7505I Adding storage set '*set_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS7506I Deleting storage set '*set_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS7507I Updating storage set '*set_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS7508E Storage Set '*set_name*' cannot be added. The storage set already exists.

Explanation: A storage set with the name specified already exists on the server.

User Response: Resubmit the command with a different storage set name.

ARS7509E Flags that provide set or node information cannot be specified when deleting a set (Ex. -d desc).

Explanation: A parameter was specified that is not valid with a delete operation.

User Response: Resubmit the command without the parameter.

ARS7510E Flags that provide storage node information cannot be specified when updating a set (Ex. -N nodename).

Explanation: A parameter was specified that is not valid with an update operation.

User Response: Resubmit the command without the parameter.

ARS7511E Flags that provide userid and password information cannot be specified when the storage node is cache only, located on an OD/390 object server, or OS/400 server.

Explanation: A parameter was specified that is not valid for the type or location of the storage node.

User Response: Resubmit the command without the parameter.

ARS7512E Flags that provide userid and password information must be specified when the storage node is not cache only.

Explanation: The userid and password were not specified.

User Response: Resubmit the command with a valid userid and password.

ARS7513E The storage node name is required. Enter a valid storage node name.

Explanation: The storage node name was not specified.

User Response: Resubmit the command with a valid storage node name.

ARS7514E Unable to delete the storage set. The storage set contains application groups.

Explanation: The command failed when attempting to delete the storage set because one or more application groups are assigned to the storage set. A storage set cannot be deleted if one or more application groups are assigned to the storage set.

User Response: Delete the application groups that are assigned to the storage set and then resubmit the command to delete the storage set.

ARS7515E • ARS7523E

ARS7515E The description, load type, or node information must be specified when updating a storage set.

Explanation: Information that is required to update a storage set was not specified.

User Response: Resubmit the command with the description, load type, and node information.

ARS7516E The Load Type cannot be change to Local. One primary node on each server must be identified as the node where data will be loaded.

Explanation: A request was made to change the Load Type to Local. However, a primary node does not exist on each server to which data will be loaded.

User Response: Set the Load Data option on one primary node on each server to which data will be loaded.

ARS7517E The Load Type cannot be change to Fixed. More than one node has been identified as the node where data will be loaded.

Explanation: A request was made to change the Load Type to Fixed. However, more than one node is identified as the node to which data will be loaded.

User Response: Set the Load Data option on one and only one storage node in the storage set.

ARS7518E When deleting a storage node, only the set name, node name, and new load node name can be provided.

Explanation: A parameter was specified that is not valid with a delete operation.

User Response: Resubmit the command with only the set name, node name, or new load node name.

ARS7519E A storage node cannot be deleted or updated when a storage set is added.

Explanation: A request was made to add a storage set and update or delete a storage node during the same operation.

User Response: Resubmit the command without the update or delete parameters.

ARS7520E Storage node '*node_name*' cannot be added. It already exists in the storage set.

Explanation: The specified storage node already exists in the storage set.

User Response: Resubmit the command with a different storage node name.

ARS7521E Storage node '*node_name*' cannot be updated or deleted. It does not exist in the storage set.

Explanation: The specified storage node name does not exist in the storage set.

User Response: Resubmit the command with a different storage node name.

ARS7522E The storage node '*node_name*' cannot be deleted. It is the only storage node in the storage set.

Explanation: A request was made to delete the only storage node in the storage set. A storage set must contain at least one storage node.

User Response: Submit a different command.

ARS7523E The Load Type cannot be changed when a storage node is being updated, deleted, or added.

Explanation: A request was made to change the Load Type when updating, deleting, or adding a storage node.

User Response: Submit a separate command to change the Load Type.

ARS7524E When adding a node, the load data flag can only be set for the node being added.

Explanation: The Load Data parameter was specified for a storage node other than the storage node that was being added.

User Response: Resubmit the command and set the Load Data parameter for the storage node that is being added.

ARS7525E Node information must be specified when updating a storage node.

Explanation: Information that is required to update a storage node was not specified.

User Response: Resubmit the command with the required storage node information.

ARS7526E One primary node on each server must be identified as the node where data will be loaded.

Explanation: For one or more servers, the primary node to which data will be loaded was not specified.

User Response: For each server, set the Load Data option on the primary node to which data will be loaded.

ARS7527E More than one primary node on server '*server_name*' has been identified as the node where data will be loaded.

Explanation: More than one primary node on a server has been identified as the node to which data will be loaded.

User Response: Set the Load Data option on one and only one primary node on each server.

ARS7528E More than one node has been identified as the node where data will be loaded.

Explanation: When the Load Type is fixed, only one storage node can be identified as the node to which data will be loaded.

User Response: Set the Load Data option on one and only one storage node in the storage set.

ARS7529E The storage node password must be at least one non-blank character.

Explanation: The password was blank.

User Response: Resubmit the command with a valid storage node password.

ARS7530E The storage node host name cannot be all blank characters.

Explanation: The host name contains all blank characters.

User Response: Resubmit the command with a valid host name.

ARS7531I Adding node '*node_name*' in storage set '*set_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS7532I Deleting node '*node_name*' in storage set '*set_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

ARS7533I Updating node '*node_name*' in storage set '*set_name*' ...

Explanation: This message is for your information only.

User Response: No action is required.

Part 2. OAM support services ABEND codes

Chapter 3. Introduction

ABEND Code U-0039 (X'0027') is issued by the OAM support services when a failure or error condition occurs for which normal program execution cannot continue.

An associated Reason Code (usually contained in general register 15 at the time of ABEND) further describes the condition. The Reason Code is an 8-digit hexadecimal value of the form *mmmmrrrr* where:

mmmm (the high order 4-digits) is the Binary Coded Decimal representation of an associated message number. If these digits are 0000 then no message has been issued.

rrrr (the low order 4-digits) is a Reason Code which identifies the failure or error condition. The Reason Code descriptions that are listed beginning on page 139 correspond to the *rrrr* digits.

Unless indicated otherwise, the following items apply to all Reason Codes:

System Action: The system may create LOGREC records and may also create an SVC dump.

System Programmer Response: Search problem reporting data bases for a fix for the problem. If no fix exists, please have the following diagnostic and problem determination materials available and contact the IBM Support Center:

- Binary machine readable dump data sets (for example, SVC dump and / or SYSMDUMP data sets). Please note that print image formatted dumps written to data sets referenced by the SYSUDUMP and SYSABEND DD statements are, in general, inadequate when performing problem determination.
- Formatted LOGREC records related to the failure. Refer to the *Environmental Record Editing and Printing Program (EREP) User's Guide*, GC35-0151 and the *Environmental Record Editing and Printing Program (EREP) Reference*, GC35-0152 for information regarding the selection and formatting of LOGREC records.
- Relevant sections of the MVS™ System Log.
- All related Job Logs and JCL listings.

Chapter 4. Reason codes

The following Reason Codes are associated with ABEND Code U-0039 (X'0027') that is issued by the OAM support services when a failure or error condition occurs for which normal program execution cannot continue. See Chapter 3, "Introduction", on page 137 for general information about the Reason Codes, including the System Action and the System Programmer Response.

Reason Code: 0250

Description: Queueing services request error: An invalid combination of storage attributes has been specified on a Queue or Queue Element BUILD request.

Detecting Module: ARS3QMGR

Reason Code: 0251

Description: Queueing services request error: The caller is not executing in Task Mode and is not properly authorized.

Detecting Module: ARS3QMGR

Reason Code: 0252

Description: Queueing services error: An unexpected return code was received from the MVS Lock Manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

1: LOCAL

2: CMS

R14: Contains the Lock Manager (SETLOCK) return code.

Detecting Module: ARS3QMGR

Reason Code: 0253

Description: Queueing services error: An unexpected return code was received from the MVS Lock Manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

1: LOCAL

2: CMS

R14: Contains the Lock Manager (SETLOCK) return code.

Detecting Module: ARS3QMGR

Reason Code: 0254

Description: Queueing services error: A queue validity error has been detected. An element was expected to reside on a queue, however, it appears that the element is not properly queued.

Detecting Module: ARS3QMGR

Reason Code: 0255

Description: Queueing services error: A queue validity error has been detected. An element was found which was expected to not reside on a queue, however, its queue header pointer was non-zero.

Detecting Module: ARS3QMGR

Reason Code: 0256

Description: Queueing services error: The queue serialization level value within the queue header was invalid.

Detecting Module: ARS3QMGR

Reason Code: 0257

Description: Queueing services request error: An attempt was made to destroy an element which still resided on a queue.

Detecting Module: ARS3QMGR

Reason Code: 0258

Description: Queueing services request error: An attempt was made to destroy a queue header which described a non-empty queue.

Detecting Module: ARS3QMGR

Reason Code: 0259

Description: Queueing services request error: The service was invoked by an unauthorized caller via a mechanism other than the PC instruction.

Detecting Module: ARS3QMGR

Reason Code: 025A

Description: Queueing services request error: The caller is not executing in task mode and has not supplied a TCB pointer to be associated with VSM requests.

Detecting Module: ARS3QMGR

Reason Code: 025B

Description: Queueing services error: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the TCBTOKEN plist.

R14: Contains the TCBTOKEN service return code.

Detecting Module: ARS3QMGR

Reason Code: 0270

Description: Initialization failure: One or more support modules could not be LOAded.

Detecting Module: ARS3OCT

Reason Code: 0271

Description: An unexpected return code was received from ATTACH. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ATTACH plist.

R14: Contains the ATTACH service return code.

Detecting Module: ARS3OCT

Reason Code: 0272

Description: An unexpected return code was received from the MVS Lock Manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

1: LOCAL

2: CMS

R14: Contains the Lock Manager (SETLOCK) return code.

Detecting Module: ARS3OCT

Reason Code: 0273

Description: An unexpected return code was received from the MVS Lock Manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

1: LOCAL

2: CMS

R14: Contains the Lock Manager (SETLOCK) return code.

Detecting Module: ARS3OCT

Reason Code: 0274

Description: The End-of-Task Exit was entered for a TCB which did not have a corresponding element on the ARS3CAS_TCBQH subtask queue. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R2: Contains the TCB pointer presented to the ETXR.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3OCT

Reason Code: 0275

Description: Initialization error: An unacceptable value has been specified for the number of ARS3OSR tasks to be ATTACHed. At the time of ABEND registers are loaded as follows:

R0: Contains the specified task count.

Additional Problem Determination Information: OAM services initialization parameters are contained in the `ars.cfg` file, which resides in the `/usr/lpp/ars/config` directory. The number of ARS3OSR tasks to be ATTACHed is specified as the operand of the `ARS_NUM_OAMSRVR` statement. The value specified must be non-negative and less than or equal to 30.

Detecting Module: ARS3OCT

Reason Code: 0276

Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ESTAEX reason code.

R14: Contains the ESTEAX reason code.

Detecting Module: ARS3OCT

Reason Code: 027A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP struct.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3OCT

Reason Code: 027B

Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the TCBTOKEN plist.

R14: Contains the TCBTOKEN service return code.

Detecting Module: ARS3OCT

Reason Code: 027D

Description: An unexpected return code was received from an IEANTxx service. At the time of ABEND registers are loaded as follows:

R0: Indicates which service was being requested.

4: IEANTCR

8: IEANTRT

C: IEANTDL

R14: Contains the IEANTxx return code.

Detecting Module: ARS3OCT

Reason Code: 027E

Description: A subtask did not terminate when requested to do so. The subtask is being forcibly terminated via CALLRTM.

Detecting Module: ARS3OCT

Reason Code: 027F

Description: During subsystem shutdown, not all subtasks could be terminated.

Detecting Module: ARS3OCT

Reason Code: 0292

Description: An unexpected return code was received from the MVS Lock Manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

1: LOCAL

2: CMS

R14: Contains the Lock Manager (SETLOCK) return code.

Detecting Module: ARS3OSR

Reason Code: 0293

Description: An unexpected return code was received from the MVS Lock Manager when attempting to release a lock. At the time of ABEND registers are loaded as follows:

R0: Indicates which lock was being manipulated.

1: LOCAL

2: CMS

R14: Contains the Lock Manager (SETLOCK) return code.

Detecting Module: ARS3OSR

Reason Code: 0296

Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ESTAEX reason code.

R14: Contains the ESTEAX reason code.

Detecting Module: ARS3OSR

Reason Code: 029A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3OSR

Reason Code: 029B

Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the TCBTOKEN plist.

R14: Contains the TCBTOKEN service return code.

Detecting Module: ARS3OSR

Reason Code: 037A

Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows:

R0: Contains the address of the ARS3QMP structure.

R14: Contains the ARS3QMGR service return code.

Detecting Module: ARS3ORI

Part 3. JES Spool data capture facility ABEND codes

Chapter 5. Introduction

ABEND Code U-0039 (X'0027') is issued when a failure or error condition occurs for which normal program execution cannot continue. An associated Reason Code (usually contained in general register 15 at the time of ABEND) further describes the condition.

The Reason Code is an eight-digit hexadecimal value of the form *mmmmrrrr* where:

mmmm (the high order four digits) is the Binary Coded Decimal representation of an associated message number. If these digits are 0000 then no message has been issued.

rrrr (the low order four digits) is a Reason Code that identifies the failure or error condition. The Reason Code descriptions that are listed beginning on page 149 correspond to the *rrrr* digits.

Unless indicated otherwise, the following items apply to all Reason Codes:

System Action: The system may create LOGREC records and may also create an SVC dump.

System Programmer Response: Search problem reporting data bases for a fix for the problem. If no fix exists, collect the following diagnostic and problem determination information and then contact the IBM support center:

- Binary machine readable dump data sets (for example, SVC dump and SYSDUMP data sets). Note that print image formatted dumps written to data sets referenced by the SYSUDUMP and SYSABEND DD statements are, in general, inadequate when performing problem determination.
- Formatted LOGREC records related to the failure. Refer to the *Environmental Record Editing and Printing Program (EREP) User's Guide*, GC35-0151 and the *Environmental Record Editing and Printing Program (EREP) Reference*, GC35-0152 for information regarding the selection and formatting of LOGREC records.
- Relevant sections of the MVS System Log.
- All related Job Logs and JCL listings.

Chapter 6. Reason codes

The following Reason Codes are associated with ABEND Code U-0039 (X'0027') that is issued by the JES Spool Data Capture facility (ARSYSPIN) when a failure or error condition occurs for which normal program execution cannot continue. See Chapter 5, "Introduction", on page 147 for general information about the Reason Codes, including the System Action and the System Programmer Response.

Reason Code: 0401

Description: The attempt to OPEN a DCB was not successful. At the time of ABEND registers are loaded as follows:

R0: Points to an area consisting of the DDNAME immediately followed by the DCB.

R14: Contains the OPEN Return Code.

Detecting Module: ARSYSPIN

Reason Code: 0402

Description: The attempt to create a capture Data Space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the DSPSERV Reason Code.

R2: Points to the DSPSERV interface plist.

R14: Contains the DSPSERV Return Code.

Detecting Module: ARSYSPIN

Reason Code: 0403

Description: The attempt to create an Access List Entry for the capture Data Space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ALESERV Reason Code.

R2: Points to the ALESERV interface plist.

R14: Contains the ALESERV Return Code.

Detecting Module: ARSYSPIN

Reason Code: 0404

Description: The attempt to delete the capture Data Space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the DSPSERV Reason Code.

R2: Points to the DSPSERV interface plist.

R14: Contains the DSPSERV Return Code.

Detecting Module: ARSYSPIN

Reason Code: 0405

Description: The attempt to delete the Access List Entry for the capture Data Space was unsuccessful. At the time of ABEND registers are loaded as follows:

R0: Contains the ALESERV Reason Code.

| | | |
|--|--------------------------|---|
| | R2: | Points to the ALESERV interface plist. |
| | R14: | Contains the ALESERV Return Code. |
| | Detecting Module: | ARSYSPIN |
| | <hr/> | |
| | Reason Code: 0470 | |
| | Description: | One or more support modules could not be LOAded. |
| | Detecting Module: | ARSYSPIN |
| | <hr/> | |
| | Reason Code: 0471 | |
| | Description: | An unexpected return code was received from ATTACH. At the time of ABEND registers are loaded as follows: |
| | R0: | Contains the address of the ATTACH plist. |
| | R14: | Contains the ATTACH service return code. |
| | Detecting Module: | ARSYSPIN |
| | <hr/> | |
| | Reason Code: 0472 | |
| | Description: | An unexpected return code was received from the MVS Lock Manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows: |
| | R0: | Indicates which lock was being manipulated. |
| | 1: | LOCAL |
| | 2: | CMS |
| | R14: | Contains the Lock Manager return code. |
| | Detecting Module: | ARSYSPIN |
| | <hr/> | |
| | Reason Code: 0473 | |
| | Description: | An unexpected return code was received from the MVS Lock Manager when attempting to release a lock. At the time of ABEND registers are loaded as follows: |
| | R0: | Indicates which lock was being manipulated. |
| | 1: | LOCAL |
| | 2: | CMS |
| | R14: | Contains the Lock Manager return code. |
| | Detecting Module: | ARSYSPIN |
| | <hr/> | |
| | Reason Code: 0474 | |
| | Description: | The End-of-Task Exit was entered for a TCB which did not have a corresponding element on the ARSYCAS_TCBQH subtask queue. At the time of ABEND registers are loaded as follows: |
| | R0: | Contains the address of the ARS3QMP structure. |
| | R2: | Contains the TCB pointer presented to the ETXR. |
| | R14: | Contains the ARS3QMGR service return code. |
| | Detecting Module: | ARSYSPIN |
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| | Reason Code: 0476 |
| | Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the ESTAEX Reason Code. |
| | R14: Contains the ESTAEX Return code. |
| | Detecting Module: ARSYSPIN |
| | |
| | Reason Code: 047A |
| | Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the address of the ARS3QMP structure. |
| | R14: Contains the ARS3QMGR service return code. |
| | Detecting Module: ARSYSPIN |
| | |
| | Reason Code: 047B |
| | Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the address of the TCBTOKEN plist. |
| | R14: Contains the TCBTOKEN service return code. |
| | Detecting Module: ARSYSPIN |
| | |
| | Reason Code: 047D |
| | Description: An unexpected return code was received from an IEANTxx service. At the time of ABEND registers are loaded as follows: |
| | R0: Indicates which service was being requested: |
| | 4: IEANTCR |
| | 8: IEANTRT |
| | C: IEANTDL |
| | R14: Contains the IEANTxx return code. |
| | Detecting Module: ARSYSPIN |
| | |
| | Reason Code: 047E |
| | Description: A subtask did not terminate when requested to do so. The subtask is being forcibly terminated via CALLRTM. |
| | Detecting Module: ARSYSPIN |
| | |
| | Reason Code: 047F |
| | Description: During subsystem shutdown, not all subtasks could be terminated. |
| | Detecting Module: ARSYSPIN |
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| <hr/> Reason Code: 0490 Description: A request has been made to interact with the JES3 subsystem, however, the current unit of work is not executing under the control of JES3. Detecting Module: ARSYSSI |
| <hr/> Reason Code: 0491 Description: An unexpected return code was received from the MVS Subsystem Request Router. At the time of ABEND registers are loaded as follows: R0: Contains the IEFSSREQ return code. R14: Contains the address of the ARSYCBSI structure. Detecting Module: ARSYSSI |
| <hr/> Reason Code: 0492 Description: An unexpected return code was received from the MVS Lock Manager when attempting to obtain a lock. At the time of ABEND registers are loaded as follows: R0: Indicates which lock was being manipulated. 1: LOCAL 2: CMS R14: Contains the Lock Manager return code. Detecting Module: ARSYSSI |
| <hr/> Reason Code: 0493 Description: An unexpected return code was received from the MVS Lock Manager when attempting to release a lock. At the time of ABEND registers are loaded as follows: R0: Indicates which lock was being manipulated. 1: LOCAL 2: CMS R14: Contains the Lock Manager return code. Detecting Module: ARSYSSI |
| <hr/> Reason Code: 0494 Description: An unexpected return code was received from JES in response to a SAPI request. At the time of ABEND registers are loaded as follows: R0: Contains the SSOBRETN value. R14: Contains the address of the ARSYCBSI structure. Detecting Module: ARSYSSI |
| <hr/> Reason Code: 0496 Description: The attempt to establish an ESTAEX recovery environment was unsuccessful. At the time of ABEND registers are loaded as follows: R0: Contains the ESTAEX Reason Code. R14: Contains the ESTAEX Return code. Detecting Module: ARSYSSI |

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| | Reason Code: 049A |
| | Description: An unexpected return code was received from the ARS3QMGR service. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the address of the ARS3QMP structure. |
| | R14: Contains the ARS3QMGR service return code. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 049B |
| | Description: An unexpected return code was received from the TCBTOKEN service. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the address of the TCBTOKEN plist. |
| | R14: Contains the TCBTOKEN service return code. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 049C |
| | Description: An unexpected return code was received from the DSPSERV service when attempting to release data space pages. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the DSPSERV Reason code. |
| | R2: Contains the DSPSERV interface plist. |
| | R14: Contains the DSPSERV Return code. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 049D |
| | Description: An unexpected return code was received from ATTACH. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the address of the ATTACH plist. |
| | R14: Contains the ATTACH service return code. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 04A9 |
| | Description: A request to unallocate a transfer data set was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the DYNALLOC request block S99RSC field. |
| | R14: Contains the S99RB address. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 04AA |
| | Description: An attempt to OPEN a transfer file DCB was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R14: Contains the DCB address. |
| | Detecting Module: ARSYSSI |
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| | Reason Code: 04AB |
| | Description: A request to DYNALLOC a transfer data set was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the DYNALLOC request block S99RSC field. |
| | R14: Contains the S99RB address. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 04AC |
| | Description: A request to unallocate a Spool file was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the DYNALLOC request block S99RSC field. |
| | R14: Contains the S99RB address. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 04AD |
| | Description: An attempt to CLOSE a Spool file ACB was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R14: Contains the ACB address. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 04AE |
| | Description: An attempt to OPEN a Spool file ACB was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R14: Contains the ACB address. |
| | Detecting Module: ARSYSSI |
| | |
| | Reason Code: 04AF |
| | Description: A request to DYNALLOC a Spool file was unsuccessful. At the time of ABEND registers are loaded as follows: |
| | R0: Contains the DYNALLOC request block S99RSC field. |
| | R14: Contains the S99RB address. |
| | Detecting Module: ARSYSSI |

Chapter 7. Messages

The following messages are associated with the JES Spool Data Capture facility (ARSYSPIN).

ARSY0100E Unable to open <filename> (errno: <integer> (x'<hexdigits>'))

Explanation: The attempt to OPEN the file identified by <filename> was unsuccessful. The C runtime errno value (shown in decimal and hexadecimal) is described in *OS/390 C++ Run-Time Library Reference*, SC28-1663.

The most likely cause of the failure is a missing DD statement.

Module: ARSYXPX

ARSY0101E fldata() failed for <filename> (RC: <integer> (x'<hexdigits>'))

Explanation: The attempt to retrieve descriptive information for the file identified by <filename> was unsuccessful. See *OS/390 C++ Run-Time Library Reference*, SC28-1663 for a description of the fldata() function return values.

Module: ARSYXPX

ARSY0102E Error on fread() of file <filename>

Explanation: An attempt to read a logical record from the file identified by <filename> was unsuccessful. This message is usually followed by a message beginning with EDC which further describes the error.

Module: ARSYXPX

ARSY0103I <<options statement text>>

Explanation: This message simply echoes the text of a given control statement.

Module: ARSYXPX

ARSY0104E Syntax error - keyword delimiter not found

Explanation: The equal sign delimiter which separates a keyword from its operand was not found on the current control statement. (That is, the statement identified by the most recent preceding ARSY0103I message.)

Module: ARSYXPX

ARSY0105E Unrecognized keyword: <string>

Explanation: The current control statement keyword (that is, the text to the left of the equal sign) is not valid.

Module: ARSYXPX

ARSY0106E Keyword operand not supplied

Explanation: No text was found following the keyword delimiter on the current control statement.

Module: ARSYXPX

ARSY0107E Operand rightside delimiter not found

Explanation: The operand for the current control statement did not contain the expected rightside delimiter. For example, if the operand for the current control statement keyword is expected to be contained within parentheses, the right parentheses character was not found. See the ARSYSPIN program reference in *IBM Content Manager OnDemand for z/OS and OS/390, Version 7.1: Administration Guide*, SC27-1374 for the expected operand characteristics of a given keyword.

| **Module:** ARSYXPX

| **ARSY0108E Operand leftside delimiter not found**

| **Explanation:** The operand for the current control statement did not contain the expected leftside delimiter. For example, if the operand for the current control statement keyword is expected to be contained within parentheses, the left parentheses character was not found. See the ARSYSPIN program reference in *IBM Content Manager OnDemand for z/OS and OS/390, Version 7.1: Administration Guide*, SC27-1374 for the expected operand characteristics of a given keyword.

| **Module:** ARSYXPX

| **ARSY0109E Invalid operand length**

| **Explanation:** The supplied operand for the current control statement keyword is either too short or too long. See the ARSYSPIN program reference in *IBM Content Manager OnDemand for z/OS and OS/390, Version 7.1: Administration Guide*, SC27-1374 for the expected operand characteristics of a given keyword.

| **Module:** ARSYXPX

| **ARSY0110E True/False operand expected**

| **Explanation:** A boolean operand is expected for the current control statement keyword. See the ARSYSPIN program reference in *IBM Content Manager OnDemand for z/OS and OS/390, Version 7.1: Administration Guide*, SC27-1374 for the valid boolean operand values.

| **Module:** ARSYXPX

| **ARSY0111E Operand does not consist of all decimal digits**

| **Explanation:** The operand for the current control statement keyword is expected to consist solely of a string of decimal digits.

| **Module:** ARSYXPX

| **ARSY0112E Invalid suboperand length**

| **Explanation:** When processing an operand which may be specified as a parenthesized list of suboperands, one or more of these suboperands is either too short or too long. See the ARSYSPIN program reference in *IBM Content Manager OnDemand for z/OS and OS/390, Version 7.1: Administration Guide*, SC27-1374 for the expected operand characteristics of a given keyword.

| **Module:** ARSYXPX

| **ARSY0113I Control statements processing completed - RC= <integer> (x'<hexdigits>')**

| **Explanation:** Processing of the control statement stream has completed. If the RC value is non-zero, then at least one syntax error has been detected and ARSYSPIN terminates its execution.

| **Module:** ARSYXPX

| **ARSY0114E Unrecognized subparameter: <string>**

| **Explanation:** The operand or suboperand for the current control statement keyword is expected to be a member of a set of specific character strings. For example, the ERROPT keyword expects its operand to be either ABEND, ACCEPT or HOLD. See the ARSYSPIN program reference in *IBM Content Manager OnDemand for z/OS and OS/390, Version 7.1: Administration Guide*, SC27-1374 for the allowable operand values for a given control statement keyword.

| **Module:** ARSYXPX

Part 4. ACIF messages

Chapter 8. Introduction

ACIF prints a message list at the end of each compilation. A return code of 0 means that ACIF completed processing without any errors. ACIF supports the standard return codes.

Notes:

1. ACIF messages contain instructions for the PSF or Infoprint® Manager system programmer. Please show your system programmer these messages, because they might not be contained in the PSF or Infoprint Manager messages publications.
2. AIX and Windows users can invoke the PSF MSG command on the server to view or print messages online.

Message Identifiers

ACIF issues the same messages for AIX, HP-UX, OS/390, Solaris, Windows, and z/OS. However, the message identifiers in AIX, HP-UX, Solaris, and Windows differ from those in OS/390 and z/OS:

- In AIX, HP-UX, Solaris, and Windows, the format of the message identifier is **0425-*nnn***, where:

0425- Identifies a message in AIX, HP-UX, Solaris, or Windows.

nnn Specifies the three-digit message number.

- In OS/390 and z/OS, the format of the message identifier is **APK*nnnt***, where:

APK Identifies a message in OS/390 and z/OS.

nnn Specifies the three-digit message number.

t Specifies an error condition:

| Error Type | Description |
|------------|--|
| S | Severe error that causes ACIF to terminate processing the current print file. The exact method of termination can vary. For certain severe errors, ACIF abends with a return code and reason code. This is generally the case when some system service fails. In other cases, ACIF terminates with the appropriate error messages written to the message file specified when you invoked ACIF. Most error conditions detected by ACIF fall into the severe category. |
| W | Warning error that ACIF issues when the fidelity of the document (assuming it is reprinted) might be in question. |
| I | Informational error that ACIF issues when it processes a print file to let the operator or application programmer determine if the correct processing parameters have been specified. These messages can assist in providing an audit trail. |

The three-digit message number, *nnn*, is the same in all environments (for example, 0425-031 in AIX, HP-UX, Solaris, and Windows or APK031I in OS/390 and z/OS).

In this publication, the ACIF messages and explanations are listed according to the OS/390 and z/OS message identifiers (for example, APK031I) because AIX, HP-UX, Solaris, and Windows users are more likely to use the PSF MSG command to view the messages online.

The terms used in the messages and explanations are those used for OS/390 and z/OS, even though the messages and explanations also apply to AIX, HP-UX, Solaris, and Windows. The following list shows some of the terms used in the messages in this publication and what those terms refer to in AIX, HP-UX, Solaris, and Windows:

| Term | AIX, HP-UX, Solaris, Windows |
|-----------------------|-------------------------------------|
| print data set | input file |
| data set | input file |
| data stream | file |
| PSF | PSF or Infoprint Manager |
| record | data set |

Multiple Message Scenarios

ACIF can issue more than one error message as a result of a single error condition. These situations are limited to the area of parsing the structured field (for example, determining the length and type of the structured field). Some possible scenarios include these message numbers:

- 105, 108, 109, 103
- 105, 108, 110, 103
- 106, 108, 109, 103
- 106, 108, 110, 103

Any subset of the listed message numbers is also possible, provided you start with the first one (for example, 105, 108, 109 or 105, 108, or 105, 110, and so on). The first message accurately describes the error condition; any subsequent messages provide additional information. Additional error messages might not always be accurate.

Message number 101 can occur after many error conditions, because ACIF attempts to locate the end of the resource containing the error as part of its recovery procedure.

Chapter 9. Messages

APK031I AN INLINE MEDIUM MAP WAS ENCOUNTERED IN THE DATASET, BUT INLINE MEDIUM MAPS ARE NOT SUPPORTED.

Explanation: A Begin Medium Map (BMM) structured field was encountered in the data stream after resources for the data set had been processed. ACIF does not support inline medium maps between pages. The data set might have been created by a program that creates inline medium maps, but a data set that contains inline medium maps cannot be printed.

System Action: ACIF stops processing the print data set.

User Response: Correct the error and resubmit the request.

System Programmer Response: See the I/O error message to determine an appropriate action.

APK102S AN IM IMAGE OBJECT CONTAINS INVALID OR INCORRECT DATA. THE IM IMAGE OBJECT CANNOT BE CONVERTED TO AN IO IMAGE OBJECT.

Explanation: This message is issued when ACIF converts an IM image object to an IO image object and one of the image size values is zero. For a simple IM image object, this message is issued if either the XSize or YSize parameter value of the IID structured field is zero. For a complex IM image object, this message is issued if one of the XCSIZE, YCSIZE, XFILSIZE, or YFILSIZE parameter values of the ICP structured field is zero.

System Action: ACIF stops processing the input file.

User Response: Correct the error and resubmit the request.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK103S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: *structuredfield1* STRUCTURED FIELD WAS FOUND WHERE *structuredfield2* STRUCTURED FIELD WAS EXPECTED.

Explanation: *structuredfield1* is incorrect at the present point in the input data stream or resource. The structured-field type expected at this point is *structuredfield2*. Either the required structured field is missing or out of sequence, or a line-data record is in the wrong place.

Subsequent error messages give additional information about the processing environment when the error occurred.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation™: Programming Guide and Line Data Reference* for more information on the correct format of the referenced structured field. If the structured fields are in the correct order, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK104S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: *structuredfield* STRUCTURED FIELD IS NOT ALLOWED OR FORMS AN INVALID SEQUENCE.

Explanation: The structured field identified in this message is either out of sequence or not valid in an object. The record might be line data. If inline resources are used with data-set header pages, multiple resource groups might be present.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit

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the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information on the correct format of the referenced structured field. If the structured fields are in the correct order, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK105I THE ERROR REPORTED ABOVE OCCURRED IN LOGICAL RECORD NUMBER *recordnumber*,
WHOSE SEQUENCE NUMBER IS *sequencenumber*.

Explanation: This message is given in addition to the message that describes the error. It identifies the specific input record that is not valid. The object (if any) that contains the not valid record is identified in either message APK108I or message APK109I.

The record number specified is relative to the user data stream and is different for multiple transmissions of the data set. However, the record number might be inaccurate if the data set is using a page definition that performs conditional processing.

The sequence number might print as NOT AVAILABLE in the message. For example, a line-data record does not have a sequence number.

System Action: The disposition of the file depends upon the error described in the accompanying messages.

User Response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

System Programmer Response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

APK106I DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: NAME *tokenname* **IN**
begintypestructuredfield **DOES NOT MATCH NAME** *tokenname* **IN** *endtypestructuredfield*.

Explanation: The TOKEN NAME parameters in the Begin-type and End-type structured fields identified in this message do not match. Structured fields might be out of sequence in the input data stream.

When token names are specified, the TOKEN NAME parameters in the associated Begin-type and End-type structured fields must match.

System Action: Processing continues, and ACIF issues a message identifying the position of the structured field in the input data stream or resource. ACIF issues additional messages identifying the processing environment when the error was found.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK108I THE ERROR REPORTED ABOVE WAS DETECTED WITHIN OBJECT TYPE *objecttype* **WITH**
TOKEN NAME *tokenname*.

Explanation: This message is issued in addition to the message that describes the error. The objects that were being processed are listed to identify the location of the error in the input data stream or in a resource.

System Action: The disposition of the file depends on the error described in the accompanying messages.

User Response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

System Programmer Response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

APK109I THE ERROR REPORTED ABOVE WAS CAUSED BY THE RESOURCE *resourcename* IN AN EXTERNAL LIBRARY OR AN INLINE RESOURCE.

Explanation: This message is issued in addition to the message that describes the error. The object identified in the accompanying message was either a resource being processed from an external library or an inline resource. Error message APK108I identifies the member as a page definition, form definition, font, code page, font character set, page segment, or an overlay. The combined information from these two messages can be used to identify the library defined to ACIF on the *typeLIB* parameter, where *type* is the type of resource, such as OVLY for overlay. In the case of an inline form definition or page definition, the resource is not a member of an external library but is included at the beginning of the user's data set.

System Action: The disposition of the file depends on the error described in the accompanying messages.

User Response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

System Programmer Response: See the specific error conditions described in the accompanying messages to determine an appropriate response.

APK110S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE LENGTH SPECIFIED IN THE SELF-DEFINING PARAMETER *identifier* OF THE STRUCTURED FIELD *structuredfield* IS INCORRECT.

Explanation: Insufficient data was present in the structured field for the length given in the self-defining parameter or triplet. If the self-defining parameter or triplet ID is 0, the length of the self-defining parameter or triplet might have been 0 or 1, which means that no ID was available for use in this message.

System Action: If the error occurred in a structured field in a page or resource, PSF attempts to find the end of the page or resource. If PSF can find the end of the page, it prints any data accumulated for the current page. If PSF cannot find the end of the page, the data set is terminated. If the error occurred in a form definition, a page definition, or non-presentation object container resource (for example, COMSETUP), the form definition, page definition, or non-presentation object container resource is not used, and one of these occurs:

- PSF is not started for any of these:
 - The default form definition
 - A form definition specified for printing messages or separator pages
 - A page definition specified for printing messages or separator pages
- PSF cannot begin printing the data set for a form definition or non-presentation object container resource (or page definition if printing line date) specified on a user's OUTPUT JCL statement; PSF tries to print the next data set. PSF issues a message identifying the position of the structured field in the data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields for the object, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK112S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: RECORD CONTAINS NO DATA, EVEN THOUGH AT LEAST A CONTROL CHARACTER IS EXPECTED.

Explanation: ACIF read an input record without a control character following the record descriptor word (RDW). A minimum of 1 byte of control-character data is needed to make the record valid.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured

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fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK113S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD LENGTH IS LESS THAN THE INTRODUCER LENGTH.

Explanation: A structured field must have at least 8 bytes of data, the minimum length necessary for a structured-field introducer. The Extension Indicator flag in the structured-field introducer indicates whether the minimum length of the structured field can be greater than 8 bytes.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK114S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: RDW LENGTH DOES NOT AGREE WITH LENGTH IN STRUCTURED FIELD INTRODUCER.

Explanation: All structured fields are preceded by a record descriptor word (RDW) that specifies the length of that record, including the RDW. The record length in the RDW for the current record is less than the sum of the LENGTH parameter in the structured-field introducer and the number of bytes for both the RDW (4 bytes) and the control character (1 byte).

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or resource, ensure that the RDW for the structured field that is not valid contains a valid record length, and resubmit the print request. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK116S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: PADDING LENGTH OR EXTENSION LENGTH IS INCORRECT FOR STRUCTURED FIELD.

Explanation: The length of padding or extension specified in the LENGTH or EXTENSION parameter in the structured-field introducer indicates more data than was found in the structured field.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or resource, ensure that the Extension Indicator flag is set correctly and that the LENGTH parameter in the structured-field introducer specifies the actual length of padding for the structured field that is not valid. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured-field introducer. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK117S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: LENGTH INDICATED IN THE STRUCTURED FIELD INTRODUCER IS INCORRECT FOR *structuredfield* STRUCTURED FIELD.

Explanation: The length indicated by the structured-field introducer specifies an incorrect number of bytes for the structured field identified in this message. This error is caused by one of these :

- The Extension or Padding Indicator flags in the structured-field introducer are set incorrectly.
- One or more of the parameters in the structured fieldthat is not valid contain too many bytes of data.

In some cases, the length of a structured field is specified in a parameter located in another structured field. For example, the length of Fixed Data Text (FDX) structured field is specified in the SIZE parameter of the Fixed Data Size (FDS) structured field.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or resource, ensure that the LENGTH parameter in the structured-field introducer specifies a valid length for the structured field. Also ensure that the number of bytes in the structured-field parameter matches the length specified in the structured-field introducer. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured-field introducer.

If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK118W UNSUPPORTED STRUCTURED FIELD *code* WAS IGNORED, AND, IF IT BEGAN AN OBJECT, THE OBJECT WAS IGNORED.

Explanation: The IDENTIFIER parameter in the structured-field introducer for the incorrect structured field specified a structured-field code that was not recognized as a valid structured-field code.

System Action: If the structured field began an object, the object was ignored. Otherwise, only the structured field was ignored, and processing of the rest of the data set continues as usual.

ACIF issues a message identifying the position of the structured field in the input data stream or containing resource. ACIF issues additional messages identifying the processing environment when the error was found.

User Response: If the printed output was unacceptable, and you created the structured fields for the print data set or resource, give the incorrect structured field a valid code for its structured-field type. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for a list of valid structured-field types.

If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured field for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK120S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: *structuredfield1* STRUCTURED FIELD CONTAINS AN INCORRECT VALUE FOR THE SIZE OF THE *structuredfield2* REPEATING GROUP.

Explanation: *Structuredfield1* specifies the length of each repeating group found in *structuredfield2*. Either the value specified in *structuredfield1* for the size of the repeating group is too small, or the actual length of the repeating-group data is not a multiple of the size specified.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the

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structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK130S DATA IN AN INPUT RECORD IS INVALID: *structuredfield* STRUCTURED FIELD IS NOT ACCEPTABLE AT THE START OF A DATA STREAM.

Explanation: The structured-field type identified in this message is not valid at the start of the data stream. Subsequent error messages give additional information about the processing environment when the error occurred.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK135I DATA IN A FORMDEF RESOURCE IS INVALID: DUPLICATE OVERLAY LOCAL IDENTIFIER WAS FOUND IN THE *structuredfield* STRUCTURED FIELD.

Explanation: The same local identifier was found assigned to more than one OVERLAY LOCAL IDENTIFIER parameter in the Map Medium Overlay (MMO) or Map Page Overlay (MPO) structured field repeating groups. The MMO structured field is contained in the form definition. The MPO is contained in the page definition or the print data set.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK138S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: OVERLAY LOCAL IDENTIFIER VALUE IS NOT ACCEPTABLE IN THE *structuredfield* STRUCTURED FIELD.

Explanation: An incorrect OVERLAY LOCAL IDENTIFIER was encountered in the Map Medium Overlay (MMO), Map Page Overlay (MPO), or Medium Modification Control (MMC) structured field repeating groups. The MMO and MMC structured fields are contained in the form definition. The MPO is contained in the page definition or the print data set.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK139S DATA IN A FORMDEF RESOURCE IS INVALID: SUPPRESSION LOCAL IDENTIFIER VALUE IS NOT ACCEPTABLE IN THE MSU STRUCTURED FIELD.

Explanation: The SUPPRESSION LOCAL IDENTIFIER parameter in the Map Suppression (MSU) structured field is not valid. The MSU structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK140S DATA IN A FORMDEF RESOURCE IS INVALID: TWO MMC STRUCTURED FIELDS ARE DEFINED WITH THE SAME IDENTIFIER, *identifier*.

Explanation: Two Medium Modification Control (MMC) structured fields in a single form environment group have the same value in their MEDIUM MODIFICATION CONTROL IDENTIFIER parameters. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK141S DATA IN A FORMDEF RESOURCE IS INVALID: MEDIUM SUPPRESSION TOKEN NAME IS REPEATED IN MSU STRUCTURED FIELD.

Explanation: The TOKEN NAME parameters in two repeating groups in a Map Suppression (MSU) structured field have the same value. The MSU structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK143S DATA IN A FORMDEF RESOURCE IS INVALID: COPY SPECIFICATIONS IN THE MCC STRUCTURED FIELD ARE NOT ACCEPTABLE.

Explanation: Either a gap or an overlap exists in the Starting and Stopping Copy Numbers, or the maximum number of copies for one set of modifications has been exceeded. The COPY NUMBER parameters are specified in the Medium Copy Count (MCC) structured field. The MCC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, ensure that the Starting Copy Number

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and Stopping Copy Number parameters in a repeating group in an MCC structured field have valid values that correlate. Also, verify that fewer than 255 copies have been requested. If 255 or more copies with the same modifications are needed, define two or more MCC structured fields. Refer to *Mixed Object Document Content Architecture Reference* for more information on the MCC structured field. If the MCC has no errors, the error might be an ACIF logic error.

If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK145S DATA IN A FORMDEF RESOURCE IS INVALID: THE FORMS-FLASH VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: The Medium Modification Control (MMC) structured field contains an incorrect value for the repeating group that contains forms-flash modification. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK146S DATA IN A FORMDEF RESOURCE IS INVALID: MORE THAN 8 OVERLAYS ARE SPECIFIED IN MMC STRUCTURED FIELD, ID *identifier*.

Explanation: In a Medium Modification Control (MMC) structured field, the maximum number of overlays allowed in one set of modifications has been exceeded. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK147S DATA IN A FORMDEF RESOURCE IS INVALID: MORE THAN 8 SUPPRESSIONS ARE SPECIFIED IN MMC STRUCTURED FIELD, ID *identifier*.

Explanation: In a Medium Modification Control (MMC) structured field, the maximum number of suppressions allowed in one set of modifications has been exceeded. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK152S DATA IN A FORMDEF RESOURCE IS INVALID: MMC STRUCTURED FIELD WAS NOT FOUND TO COMPARE WITH IDENTIFIER *identifier* IN MCC STRUCTURED FIELD.

Explanation: The MEDIUM MODIFICATION CONTROL IDENTIFIER parameter in the Medium Copy Count (MCC) structured field contains a value that did not match the MEDIUM MODIFICATION CONTROL IDENTIFIER parameter in any Medium Modification Control (MMC) structured field in the form environment group. The MCC and MMC structured fields are contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK154S DATA IN A FORMDEF RESOURCE IS INVALID: OVERLAY LOCAL IDENTIFIER IN MMC STRUCTURED FIELD, ID *identifier*, WAS NOT FOUND IN MMO STRUCTURED FIELD.

Explanation: The overlay modification in the Medium Modification Control (MMC) structured field was not present in the Map Medium Overlay (MMO) structured field. The MMC and MMO structured fields are contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK155S DATA IN A FORMDEF RESOURCE IS INVALID: TOO MANY COPY CONTROLS WERE SPECIFIED FOR THE CURRENT FORM ENVIRONMENT GROUP.

Explanation: For a given physical page, up to 256 bytes of data can be specified for the printer command that describes the copies and modifications to be made. The current form environment group causes the data for the command to exceed 256 bytes. ACIF builds the printer command from data contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, either reduce the number of copy groups in the Medium Copy Count (MCC) structured field or reduce the number of modifications specified in the Medium Modification Control (MMC) structured field. Otherwise, split these functions between two or more form environment groups in two or more medium maps. Then, include in your input two or more identical copies of the same page that each select an appropriate copy group by use of the Invoke Medium Map (IMM) structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the MMC and MMO structured fields.

If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK156S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: NULL NAME IS NOT ACCEPTABLE IN *structuredfield* STRUCTURED FIELD.

Explanation: All Begin-type and End-type structured fields can include an 8-byte token name. A null token name is not allowed for the listed structured field.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK157S MISMATCH BETWEEN PRINT DATA SET AND FORMDEF RESOURCE: MEDIUM MAP *mediummap* SPECIFIED IN IMM STRUCTURED FIELD WAS NOT FOUND IN FORMDEF *formdefinition*.

Explanation: The TOKEN NAME parameter in the Invoke Medium Map (IMM) structured field specifies the token name used to locate a medium map in the form definition. This parameter must match the TOKEN NAME parameter specified in bytes 0–7 in one of the Begin Medium Map (BMM) structured fields in the current form definition. The IMM structured field is contained in the print data set.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: Ensure that the correct form definition was specified. If it was, and if you added the Invoke Medium Map structured field to the print data set, change the TOKEN NAME in the IMM structured field and run ACIF. Refer to *Mixed Object Document Content Architecture Reference* for more information about the BMM and IMM structured fields. If the correct form definition was specified, and if you used a program to embed the IMM structured field in the print data set, verify that the copy group name that you gave the program is valid for the form definition you have specified.

System Programmer Response: No response is necessary.

APK158I PAGEDEF PARAMETER MUST BE SPECIFIED IN ORDER TO PRINT THIS DATA SET. DETERMINE THE PERMISSIBLE VALUES USED IN YOUR INSTALLATION FOR THE PAGEDEF PARAMETER.

Explanation: The current data set contains line data, XML data, or structured fields that do not form a MO:DCA-P page. This kind of data set cannot be printed without an active page definition. No PAGEDEF keyword was provided on the OUTPUT JCL statements for this job, and no default page definition was defined in the PSF initialization procedure.

This error can also occur if MO:DCA-P data in the print data set contains a record without the required X'5A' control character preceding the structured-field introducer. The missing control character makes the record appear to be line data. A page definition is necessary to process line data. Therefore, PSF detects an error.

System Action: ACIF stops processing the print data set.

User Response: If you intended to print line data or XML data, do one of these to specify a page definition:

- Code the PAGEDEF parameter on the OUTPUT JCL statement. For information about how to code the OUTPUT statement, refer to *PSF for OS/390 and z/OS: User's Guide*.
- Code the FCB parameter on the DD JCL statement.
- Request that your system programmer code a default page definition name in the PSF initialization procedure.

If you did not intend to print line data or XML data, and you used a program to create the structured fields for the print data set, ensure that all MO:DCA-P data records begin with the X'5A' control character and then contact your system programmer.

System Programmer Response: No response is necessary.

APK159S THE END OF THE DATA STREAM WAS ENCOUNTERED BEFORE THE LOGICAL END OF AN OBJECT WITHIN THE DATA STREAM.

Explanation: ACIF was processing an object that began with a Begin-type structured field. However, the input data stream ended before a corresponding End-type structured field was found. The message can also occur if the system operator prematurely interrupts or ends a print request by issuing an INTERRUPT, RESTART, or CANCEL Job Entry Subsystem (JES) command.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK162S MISMATCH BETWEEN PRINT DATA SET AND PAGEDEF RESOURCE: DATA MAP *datamap* SPECIFIED IN IDM STRUCTURED FIELD WAS NOT FOUND IN PAGEDEF *pagedefinition*.

Explanation: The TOKEN NAME parameter in the Invoke Data Map (IDM) structured field specifies the token name used to locate a data map in the page definition. The name must match the value specified in the TOKEN NAME parameter in the Begin Data Map (BDM) structured field in the current page definition. The IDM structured field is contained in the print data set.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: Ensure that the correct page definition was specified. If it was, and if you added the Invoke Data Map structured field to the print data set, change the TOKEN NAME in the IDM structured field and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the BDM and IDM structured fields. If the correct page definition was specified, and if you used a program to embed the IDM structured field in the print data set, verify that the data map name that you supplied the program is one that is valid for the page definition you have specified.

System Programmer Response: No response is necessary.

APK163S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE SCALE FACTOR VALUE IN THE IOC STRUCTURED FIELD IS NOT ACCEPTABLE.

Explanation: The IMAGE BLOCK SCALE FACTOR parameter in the Image Output Control (IOC) structured field is not valid. The image block or image cell might be contained in an overlay, a page segment, or a composed-text print data set. It might also be embedded in a data set containing line data, using a Begin Image (BIM) structured field.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the resource or print data set containing the image, correct the error in the referenced structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the resource or print data set containing the image, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK166S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: AN ENTRY IN A MCF STRUCTURED FIELD CONTAINS AMBIGUOUS IDENTIFICATION.

Explanation: A font in the Map Coded Font (MCF) structured field can be identified with a CODED FONT NAME parameter, with a combination of the FONT CHARACTER SET NAME parameter and the CODE PAGE NAME parameter, or with a CODED FONT parameter (also known as a GRID parameter). One of the repeating groups in an MCF structured field specified more than one of these ways to specify a font or specified a CODED FONT (GRID) and a section number other than 0. The MCF structured field is in the MO:DCA-P data, an overlay, or a page definition.

System Action: If the error is contained in a page definition, PSF terminates processing of the data set and continues processing with the next data set. Otherwise, PSF terminates the page or overlay containing the structured field in error. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues a message identifying the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment when the error was found.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an PSF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK167S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: AN ENTRY IN AN MCF STRUCTURED FIELD CONTAINS INCOMPLETE IDENTIFICATION.

Explanation: One of the repeating groups in a Map Coded Font (MCF) structured field does not contain enough information to identify a coded font. Two ways to identify a font in the Map Coded Font (MCF) structured field are either with a CODED FONT NAME parameter or with a combination of the FONT CHARACTER SET NAME parameter and the CODE PAGE NAME parameter. An entry contains only a FONT CHARACTER SET NAME parameter or a CODE PAGE NAME parameter. The MCF structured field is contained in a composed-text print data set, an overlay, or a page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK169S INSUFFICIENT VIRTUAL STORAGE PREVENTED FURTHER PROCESSING. INCREASE REGION SIZE, AND RESUBMIT THE PRINT REQUEST.

Explanation: Insufficient storage is available in the ACIF address space to contain the internal control block needed to read an object.

System Action: ACIF stops processing the print data set.

User Response: Inform your system programmer that this error occurred.

System Programmer Response: The value of the REGION parameter used for the ACIF job should be increased.

APK170S DATA IN A FORMDEF RESOURCE IS INVALID: THE SIMPLEX/DUPLEX VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: In the Medium Modification Control (MMC) structured field with the specified identifier, either the simplex or the duplex keyword-parameter value is not valid. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK171S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: FONT LOCAL IDENTIFIER VALUE IS NOT ACCEPTABLE IN THE *structuredfield* STRUCTURED FIELD.

Explanation: The Map Coded Font (MCF) structured field consists of repeating groups. In one of the groups, the value of the CODED FONT LOCAL IDENTIFIER parameter for the font (section) being mapped is not valid. The MCF structured field is contained in a composed-text print data set, an overlay, or a page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK172S DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDES BOTH NORMAL AND TUMBLE DUPLEX.

Explanation: The Medium Copy Count (MCC) structured field refers to one or more Medium Modification Control (MMC) structured fields, which include requests for both normal duplex and tumble duplex. You cannot request both normal duplex and tumble duplex within the same medium map. The MCC and MMC structured fields are contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK178S DATA IN A FORMDEF RESOURCE IS INVALID: THE MCC STRUCTURED FIELD HAS AN ODD NUMBER OF COPY GROUPS, BUT SPECIFIES DUPLEX.

Explanation: The Medium Copy Count (MCC) structured field specifies an odd number of copy groups, but the copy group modifications specified in the Medium Modification Control (MMC) structured field include duplex,

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which requires an even number of copy groups. The MCC and MMC structured fields are contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK179S DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDES BOTH SIMPLEX AND DUPLEX.

Explanation: The Medium Copy Count (MCC) structured field refers to two or more Medium Modification Control (MMC) structured fields, which include requests for both simplex and duplex printing. You cannot specify both simplex and duplex printing within the same medium map. The MCC and MMC structured fields are contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK181S DATA IN A FORMDEF RESOURCE IS INVALID: UNEQUAL COPY COUNTS FOR DUPLEX SHEETS ARE SPECIFIED IN THE MCC STRUCTURED FIELD.

Explanation: The set of modifications referred to by the Medium Copy Count (MCC) structured field includes duplexing, but the numbers of copies in two corresponding repeating groups are not equal. The repeating groups are defined in the Medium Map Control structured field (MMC). The MCC and MMC structured fields are contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MCC or MMC structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC and MMC have no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK182S DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDES CONFLICTING PRESENTATION SYSTEM SETUP ID VALUES.

Explanation: Multiple MMC structured fields referenced by the MCC structured field do not use the exact same set of Presentation System Setup ID values.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the form definition, correct the MCC structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC

has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK183S DATA IN A FORMDEF RESOURCE IS INVALID: THE MODIFICATIONS SPECIFIED IN THE MMC STRUCTURED FIELD *structuredfield* INCLUDE UNPAIRED *keyword1* AND *keyword2* KEYWORDS.

Explanation: The keywords must be paired in the Medium Modification Control (MMC) structured field. This form definition has one or the other keyword but not both, or the keyword pairs are not adjacent. The MMC structured field is contained in the form definition.

System Action: The form definition containing the error is not used, and one of these occurs:

- PSF is not started if the form definition containing the error is defined in the PSF startup procedure. The form definition resources defined in the PSF startup procedure are for separator pages, for the message data set, and for the default form definition resource for user print data sets.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment when the error was found.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK188S THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD SELECTS MORE THAN ONE INPUT SOURCE, AND THE DEVICE DOES NOT SUPPORT MORE THAN ONE INPUT SOURCE.

Explanation: The Medium Copy Count (MCC) structured field refers to one or more Medium Modification Control (MMC) structured fields, which include requests for more than one input source or media type local ID. You cannot specify more than one input source or media type local ID for multiple copy groups, because the printer you are using does not support it. The MCC and MMC structured fields are in the form definition.

System Action: The form definition containing the error is not used, and one of these occurs:

- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment in which the error occurred.

User Response: Request that the job be printed on a printer that supports the specification of input source in the Load Copy Control (LCC) command. If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be a PSF or printer logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK190S DATA IN A FORMDEF RESOURCE IS INVALID: THE BIN-SELECTION VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: In the Medium Modification Control (MMC) structured field with the identifier specified in the message text, the bin-selection parameter value was not valid. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK191S DATA IN A FORMDEF RESOURCE IS INVALID: THE SUPPRESSION LOCAL IDENTIFIER VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: The MEDIUM MODIFICATION CONTROL IDENTIFIER parameter in a Medium Modification Control (MMC) structured field is not valid. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK209S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: *structuredfield1* STRUCTURED FIELD WAS FOUND WHERE *structuredfield2* STRUCTURED FIELD WAS EXPECTED.

Explanation: *structuredfield1* is incorrect at the present point in the input data stream or resource. The structured-field type expected at this point is *structuredfield2*. Either the required structured field is missing or out of sequence, or a line-data record is in the wrong place.

Subsequent error messages give additional information about the processing environment when the error occurred.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information on the correct format of the referenced structured field. If the structured fields are in the correct order, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK210S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: A REQUIRED TRIPLET OR SELF-DEFINING PARAMETER WITH ID *identifier* WAS MISSING FROM A *structuredfield* STRUCTURED FIELD.

Explanation: The triplet or self-defining parameter specified in the message was not found in the structured field indicated. This is a required triplet or self-defining parameter.

System Action: If the structured field is included in an object container, bar code, graphics, or image object

embedded in a page or overlay, PSF ignores the object and continues processing the current page or overlay.

If the structured field is in a resource included by a page or overlay, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resumes processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. For non-presentation object containers, PSF stops printing the data set.

If the error is contained in a page definition or form definition, PSF terminates processing of the data set and continues processing with the next data set. PSF issues a message that identifies the position structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the image object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK212S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE UNIT BASE PARAMETER IN THE *structuredfield* STRUCTURED FIELD IS INVALID.

Explanation: An incorrect Unit Base value was encountered in the structured field identified in this message. The structured field is contained in the Object Environment Group of an image object. The image object might be contained in a composed-text print data set, an overlay, or a page segment; or it might be embedded in a data set containing line data.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the image object, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the image object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the image object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK213S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE L-UNITS PER UNIT BASE PARAMETER IN THE *structuredfield* STRUCTURED FIELD IS INVALID.

Explanation: An incorrect L-Units value was encountered in the structured field identified in this message. The structured field is contained in the Object Environment Group of an image object. The image object might be contained in a composed-text print data set, an overlay, a page segment; or it might be embedded in a data set containing line data.

System Action: ACIF stops processing the print data set. ACIF issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the image object, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the image object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the image object with the error, verify that the input to that program was valid. If the input was valid, refer to *Advanced Function Printing: Diagnosis Guide* for assistance in determining the source of the problem.

APK217S DATA IN AN INPUT RECORD IS INVALID: PARAMETER IN A BR STRUCTURED FIELD CONTAINS UNACCEPTABLE DATA.

Explanation: One of the parameters in the Begin Resource (BR) structured field is not valid. The BR structured field is contained in the print data set.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you placed the BR structured field in the print data set, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the BR structured field in the print data set, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to place the BR structured field in the print data set, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK221S DATA IN A FORMDEF RESOURCE IS INVALID: THE ORIENTATION VALUE *value* IN THE MDD STRUCTURED FIELD IS UNACCEPTABLE.

Explanation: The Medium Descriptor (MDD) structured field has an incorrect orientation value. The MDD structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK244I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE *structuredfield* STRUCTURED FIELD CONTAINS TOO MANY REPEATING GROUPS.

Explanation: The structured field contains more repeating groups than are allowed. The structured field in which the error appears can be in a resource environment group, a composed text page, an overlay, or a page definition.

System Action: If this error occurs in a resource, PSF stops processing the data set. If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

If this error occurs in a composed text page, PSF stops processing the current page. PSF attempts to find the end of the current page and resume printing on the next page. If unable to find the end of the current page, PSF stops printing the data set.

PSF issues additional messages identifying the processing environment in which the error was found.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK245I A COMPLEX IM IMAGE OBJECT CONTAINS INVALID OR INCORRECT DATA. THE COMPLEX IM IMAGE OBJECT CANNOT BE CONVERTED TO AN IO IMAGE OBJECT.

Explanation: This message is issued when ACIF converts a complex IM image object to an IO image object and the image size is not large enough to contain the image raster data from the IRD structured fields. This message is issued when the default IMAGEOUT=IOCA parameter is specified. This message is issued if either of these are true:

- The XCSIZE or YCSIZE parameter value of the ICP structured field is larger than the calculated image X size or Y size, respectively.
- The XCOSET plus XFILSIZE parameter values or the YCOSET plus YFILSIZE parameter values of the ICP structured field are larger than the calculated image X size or Y size, respectively.

When ACIF converts a complex IM image object to an IO image object, ACIF calculates the image size by subtracting the X and Y image origins from the X and Y page sizes. The X and Y image origins are from the XOA0SET and YOA0SET parameter values of the IOC structured field. The X and Y page sizes are from the XPGSIZE and YPGSIZE parameter values of the PGD structured field, if the image object is contained in a MO:DCA-P file or overlay, or is embedded in a file containing line data. For an image object in a page segment, the X and Y page sizes used by ACIF are 2040 and 2640 respectively. The IOC and ICP structured fields are contained in a MO:DCA-P file, overlay, or page segment, or are embedded in a file containing line data. The PGD structured field is contained in a MO:DCA-P file, overlay, or page definition.

System Action: ACIF terminates.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK246S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: A REQUIRED TRIPLET with ID identifier WAS MISSING FROM AN IOB STRUCTURED FIELD.

Explanation: When identifier is:

- X'4C'** The x- or y-axis origin for object content or an object area size (X'4C') triplet was specified on an IOB, but no measurement unit (X'4B') triplet was specified. The structured field is contained in a print data set or overlay.
- X'22'** The Extended Resource Local Identifier (X'22') triplet is required when the IOB structured field is contained in a page definition.

System Action: If the error is contained in a page definition, PSF terminates processing of the data set and continues processing with the next data set. Otherwise, PSF terminates the page or overlay containing the structured field in error. PSF attempts to locate the end of the current page and resumes processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues a message identifying the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment when the error was found.

User Response: If you placed the IOB structured field in the print data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to place the IOB structured field in the print data set or overlay, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK247S DATA IN AN INPUT RECORD IS INVALID: A PARAMETER IN AN IOB STRUCTURED FIELD CONTAINS UNACCEPTABLE DATA.

Explanation: One of the parameters in the Include Object (IOB) structured field is not valid. The object type specified is not supported or is not valid or the x or y offset of the object area or the rotation value are not explicitly specified when the reference coordinate system is set to X'00'. The IOB structured field is contained in the print data set or an overlay.

System Action: ACIF stops processing the input data set.

User Response: If you placed the IOB structured field in the input data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the

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structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System Programmer Response: No response is necessary.

APK248S DATA IN A PAGE SEGMENT IS INVALID: *structuredfield* STRUCTURED FIELD IS NOT ALLOWED IN A PAGE SEGMENT INCLUDED WITH AN IOB.

Explanation: Only MO:DCA-P page segments are allowed to be included with an IOB structured field. MO:DCA-P page segments cannot contain IM1 image or PTOCA data.

System Action: ACIF stops processing the input data set.

User Response: If you placed the IOB structured field in the input data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System Programmer Response: No response is necessary.

APK250S DATA IN A PAGE OR RESOURCE IS MISSING: THE REQUIRED STRUCTURED FIELD *structuredfield* COULD NOT BE FOUND TO COMPLETE THE PROCESSING OF A PAGE OR RESOURCE.

Explanation: The structured field identified in this message is required to complete the processing of a page or resource. This structured field was not found before the end of the page or resource was encountered.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK251S DATA IN A FORMDEF RESOURCE IS MISSING: THE FORMDEF DOES NOT CONTAIN ANY MEDIUM MAPS.

Explanation: The form definition did not specify any medium maps; however, a medium map is required to print a page.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK252I THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INDICATES DIFFERENT SELECT INPUT SOURCE VALUES FOR THE FRONT AND BACK SIDES OF A DUPLEX SHEET.

Explanation: The Medium Modification Control (MMC) structured field referenced by the Medium Copy Count (MCC) structured field repeating groups specify different input source or media type local ID values, along with

either tumble or normal duplex. This is an attempt to print the front and back sides of a sheet from different input bins.

System Action: The form definition containing the error is not used, and one of these occurs:

- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment when the error was found.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK253S DATA IN A FORMDEF RESOURCE IS INVALID: THE PRINT QUALITY VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: The Medium Modification Control (MMC) structured field specified a print quality value of 0, which is outside the valid range. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK254S DATA IN A FORMDEF RESOURCE IS INVALID: THE OFFSET STACKING VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: The Medium Modification Control (MMC) structured field specified an offset stacking value other than 0 or 1. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK255S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE FONT RESOLUTION AND METRIC TECHNOLOGY TRIPLET SPECIFIES AN INCORRECT VALUE.

Explanation: There is an incorrect value specified for the metric technology, the unit base, or the units per unit base field in the Font Resolution and Metric Technology triplet (X'84'). The triplet is specified on a Map Coded Font (MCF) structured field, which can be in an print data set or overlay.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set or the resource, correct the error and

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resubmit the job to ACIF. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK256S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE *structuredfield* STRUCTURED FIELD CONTAINS A *triplet* TRIPLET THAT HAS AN INVALID VALUE. THE INVALID VALUE STARTS IN BYTE *byte* OF THE TRIPLET.

Explanation: An incorrect value was specified for a field that starts in byte offset of the triplet identified in this message. The triplet is specified on the structured field identified in this message.

System Action: If the error occurred in a form definition, a page definition, or a non-presentation object container resource (for example, COMSETUP), the form definition, page definition, or non-presentation object container resource is not used, and one of these occurs:

- PSF is not started for any of these:
 - The default form definition
 - A form definition specified for printing messages or separator pages
 - A page definition specified for printing messages or separator pages
- PSF cannot begin printing the data set for a form definition or non-presentation object container resource (or page definition if printing line date) specified on a user's OUTPUT JCL statement; PSF tries to print the next data set. If the error occurred in a structured field in a page or another type of resource, PSF attempts to find the end of the page or resource. If PSF can find the end of the page or resource, it prints any data accumulated for the current page. If PSF cannot find the end of the page or resource, the data set is terminated.

PSF issues a message identifying the position of the structured field in the data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields for the object, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK258S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: *structuredfield* STRUCTURED FIELD IS NOT ALLOWED BETWEEN OBJECTS.

Explanation: The structured field identified in this message is not allowed at the point in the input data stream or resource at which it was found.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured fields are in the correct order, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK259S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE X-DIRECTION AND Y-DIRECTION L-UNITS PER UNIT BASE VALUES SPECIFIED IN STRUCTURED FIELD *structuredfield* DO NOT MATCH.

Explanation: The X-direction and Y-direction L-Units per Unit Base values in the structured field identified in the message are not identical.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK260S THE OBJECT SPECIFIED WITH THE *structuredfield* STRUCTURED FIELD IS NOT SUPPORTED ON THIS PRINTER.

Explanation: PSF has encountered a valid AFP object that is not supported by the printer. The object is identified either by its Begin structured field, by an Invoke structured field, such as Include Page Overlay (IPO), or by an OTH record (object container without MO:DCA-P structured fields wrapping the data).

System Action: If the object or Invoke structured field is embedded in a page or overlay, PSF ignores the object and continues processing the current page or overlay.

If the Begin structured field, the Invoke structured field, or the OTH record is in a resource included by a page or overlay, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set.

User Response: To print the object type indicated in the message, submit the print job to a printer that supports the object type. For more information about what object types are supported by your printer, refer to your printer documentation.

System Programmer Response:

Delete the unsupported object type from the separator page data set for this printer.

APK261S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD *structuredfield* CONTAINED A CODED-FONT-LOCAL-IDENTIFIER VALUE THAT WAS USED IN A PREVIOUS FONT MAPPING STRUCTURED FIELD.

Explanation: One or more font mapping structured fields in the same active environment group or object environment group used the same coded font local identifier for different coded fonts. The Map Coded Font (MCF) structured field that attempted to use the already-mapped coded font local identifier is identified in the message. The MCF structured field can be contained in a composed-text print data set, an overlay, or a page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you were printing a composed-text print data set or an overlay, and you created the structured fields in the object containing the error, check the Coded Font Local Identifiers in the MCF structured field for duplicates. If the MCF structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields in the object containing the error, contact your system programmer.

If you were printing a data set containing line data using a page definition, and if you created the structured fields for the page definition, check the Coded Font Local Identifiers in the MCF structured field for duplicates. If the MCF structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field.

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System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK262S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD *structuredfield* CONTAINS AN INVALID ROTATION VALUE.

Explanation: The rotation value specified in the named structured field was not valid.

System Action: ACIF stops processing the print data set. ACIF issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK263S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: OVERLAY *overlayname* NAMED IN AN IPO STRUCTURED FIELD IS NOT NAMED IN AN MPO STRUCTURED FIELD.

Explanation: An Include Page Overlay (IPO) structured field names a page overlay, but the overlay was not previously defined in the Map Page Overlay (MPO) structured field in the Active Environment Group (AEG) of the page, which contains the IPO. The MPO might be contained in the AEG of a composed-text page or a page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If the MPO indicates that this overlay is for annotation only, create another MPO structured field in the AEG that defines the page overlay. If you are using the input data to define the name of your page overlay and your input data is ASCII, this error can occur because the resource name in the MPO is EBCDIC. If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you use a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK264S DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A RESOURCE MAPPED BY A *structuredfield* STRUCTURED FIELD IN AN OBJECT ENVIRONMENT GROUP IS NOT NAMED IN THE ACTIVE ENVIRONMENT GROUP OF THE PAGE OR RESOURCE.

Explanation: A structured field in an object environment group names a resource. However, that resource is not defined in the structured field in the active environment group of the page or resource containing the object environment group.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource. ACIF stops processing and printing the data set.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK265I DATA IN A FORMDEF RESOURCE IS INVALID: THE SCOPE OF THE MFC IS *scope* BUT *structuredfield* IS THE STRUCTURED FIELD THAT BOUNDS THE MFC.

Explanation: Either a document environment group or a medium map in the current form definition contains a Medium Finishing Control (MFC) structured field with an incorrect value specified for the scope.

System Action: The MFC is ignored and processing continues. ACIF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK266I THE INPUT BIN SPECIFIED IN THE MMC STRUCTURED FIELD OR ON THE OUTPUT STATEMENT IS AN INSERTER BIN AND IS DISABLED. AN ALTERNATIVE BIN WAS SUBSTITUTED.

Explanation: The Medium Modification Control (MMC) structured field or the output statement requested an input bin that is supported by the printer but is disabled. This bin is an inserter bin. The MMC structured field is contained in the form definition. The output statement is in the JCL.

System Action: ACIF continues processing, selecting paper from an alternative bin. The inserter pages are blank sheets from the alternative bin.

User Response: If the output is not acceptable, submit the print request to a printer that has the specified bin available, or ensure that the bin is enabled on the original printer before resubmitting the print request.

System Programmer Response: No response is necessary.

APK267S EITHER NO ENVIRONMENT GROUP WAS SPECIFIED FOR THE PAGE OR AN ERROR OCCURRED IN THE ENVIRONMENT GROUP.

Explanation: Either no environment group was specified, or an error occurred in one of the structured fields in the environment group. If an environment group was present but contained an error, a previous ACIF message identifies the error. The environment group causing this error might be contained in an overlay, a page definition, or a composed-text print data set.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK268S AN ENTRY IN AN MCF STRUCTURED FIELD DOES NOT CONTAIN CODE PAGE INFORMATION.

Explanation: One of the repeating groups in a Map Coded Font Format 2 (MCF-2) structured field specifies a font character set but no code page information. This error was detected while processing a graphics object within a page or overlay.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

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User Response: If you created the structured fields for the object, correct the error and resubmit the print request. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK269S A VALUE OF ZERO WAS SPECIFIED AS THE L-UNITS PER UNIT BASE IN THE *structuredfield* STRUCTURED FIELD.

Explanation: Several structured fields specify an L-Units per Unit Base value: Medium Descriptor (MDD), Page Descriptor (PGD), Presentation Text Descriptor (PTD-2), Object Area Descriptor (OBD), Graphics Data Descriptor (GDD), Image Data Descriptor (IDD), Barcode Data Descriptor (BDD), and Image Input Descriptor (IID). The value of zero is not valid for the L-Units per Unit Base.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for information about the structured fields. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or resource with the error, verify that the input to that program was valid. If the input was valid, refer to *Mixed Object Document Content Architecture Reference*, *Advanced Function Presentation: Programming Guide and Line Data Reference*, and the appropriate system programming guide for assistance in determining the source of the problem.

APK270S DATA IN A PAGEDEF RESOURCE IS MISSING: THE PAGEDEF DOES NOT CONTAIN ANY DATA MAPS.

Explanation: The page definition did not specify any data maps and a data map is required to print a data set containing line data.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK271S DATA IN A FORMDEF RESOURCE IS INVALID: THE DUPLEX SPECIFICATION IN THE PGP STRUCTURED FIELD IS NOT ACCEPTABLE.

Explanation: The duplex specification value in the Page Position (PGP) structured field is not acceptable. The PGP structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK272S DATA IN A FORMDEF RESOURCE IS INVALID: THE PGP STRUCTURED FIELD DOES NOT CONTAIN A PAGE ORIGIN POSITION FOR THE FRONT SIDE OF A SHEET.

Explanation: The Page Position format-2 (PGP) structured field must contain a repeating group that defines the Page Origin Position for the front side. This value will also be used for the back side of a duplex sheet unless the PGP structured field contains a repeating group that specifies the Page Origin Position for the back side of the sheet. The PGP structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK273S DATA IN A FORMDEF RESOURCE IS INVALID: THE CONSTANT FORMS CONTROL VALUE IN THE MMC STRUCTURED FIELD ID *identifier*, IS NOT ACCEPTABLE.

Explanation: The Constant Forms Control modification in the Medium Modification Control (MMC) structured field contained an unsupported value. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK274S DATA IN A FORMDEF RESOURCE IS INVALID: THE MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDE CONFLICTING CONSTANT FORMS CONTROL VALUES FOR THE SAME SIDE OF THE SHEET.

Explanation: All Medium Modification Control (MMC) structured fields referenced by the Medium Copy Count (MCC) structured field must use the same Constant Forms Control value for the same side of a sheet. The MMC and MCC structured fields are contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK275S DATA IN A FORMDEF RESOURCE IS INVALID: A MEDIUM MAP SPECIFIES ONLY CONSTANT DATA FOR A PAGE.

Explanation: An attempt was made to process a page using a medium map specifying Constant Forms Control for both the front and back sides of a duplexed page or for the front side of a simplex page. Another medium map must be invoked to allow processing of the remaining line or page data. The Constant Forms Control is contained in

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a Medium Modification Control (MMC) structured field. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK276I DATA IN A FORMDEF RESOURCE IS INVALID: THE OUTPUT BIN SELECTION VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: In the Medium Modification Control (MMC) structured field whose identifier is specified in the message text, the output bin selection parameter value was not valid. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK277I THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INDICATES DIFFERENT OUTPUT BIN VALUES FOR THE FRONT AND BACK SIDES OF A DUPLEX SHEET.

Explanation: The Medium Modification Control (MMC) structured fields referenced by the Medium Copy Count (MCC) structured field repeating groups specify different output bin values along with either tumble or normal duplex. This is an attempt to place the front and back sides of a sheet into different output bins.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK278S DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE MAPPING OPTION SPECIFIED IN THE *structuredfield* IS INCORRECT OR UNSUPPORTED.

Explanation: The structured field in error contained an incorrect Mapping Option value or the printer does not support the Mapping Option value. The structured field could be contained in a bar code object, graphics object, image object, or object container object, or it could be an IOB structured field with a bad mapping option triplet. The bar code object, graphics object, image object, or IOB can be contained in an overlay, MO:DCA-P page, or embedded in line data. The graphics object can be contained in a composed-text print data set or an overlay, or embedded in a data set containing line data. The image object can be contained in a composed-text print data set, an overlay, or a page segment, or embedded in a data set containing line data.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the object, correct the error and resubmit the print request. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK279I DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MMC STRUCTURED FIELD, ID *identifier*, INCLUDES DUPLICATE CONFLICTING VALUES FOR THE *keyword* KEYWORD.

Explanation: The Medium Modification Control (MMC) structured field contains duplicate conflicting values for the keyword identified in the message text. The MMC structured field is in the form definition.

System Action: ACIF issues this message and continues processing, ignoring the duplicate keyword.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK280I A FORMDEF RESOURCE REQUESTED A MEDIA EJECT CONTROL TO THE NEXT BACK-SIDE AND DUPLEX=NO WAS SPECIFIED ON THE OUTPUT STATEMENT.

Explanation: When a media eject control to the next back-side is specified in a form definition, the DUPLEX=NO keyword on the OUTPUT statement cannot be used to change from duplex (specified in the form definition) to simplex. The reason is that an incompatible request is being made; you cannot eject to the next back-side when simplexing.

When a media eject control to the next back-side is specified in the form definition and the form definition requests normal or tumble duplex, the only valid option for the duplex keyword is to specify either DUPLEX=NORMAL or DUPLEX=TUMBLE on the OUTPUT statement.

System Action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: Resubmit the job without requesting the duplex keyword on the OUTPUT statement.

System Programmer Response: None.

APK299I AN IM IMAGE OBJECT CONTAINS INVALID OR INCORRECT DATA. THE IM IMAGE OBJECT CANNOT BE CONVERTED TO AN IO IMAGE OBJECT.

Explanation: This message is issued when ACIF converts an IM image object to an IO image object and one of the image size values is zero. For a simple IM image object, this message is issued if either the XSize or YSize parameter value of the IID structured field is zero. For a complex IM image object, this message is issued if one of the XCSize, YCSize, XFilSize, or YFilSize parameter values of the ICP structured field is zero.

System Action: ACIF stops processing the input file.

User Response: Correct the error and resubmit the request.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK300I **DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SKIPPING PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* IS 0.**

Explanation: The current record contains a control character that indicates a skip to a Line Descriptor (LND) structured field with a specific channel control. However, the LND structured field identified in this message had a value of 0 in its NEXT LINE DESCRIPTOR IF SKIPPING parameter. The LND structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK301S **DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SKIPPING PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* IS *parametervalue*. THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF *parametervalue*.**

Explanation: In the Line Descriptor (LND) structured field identified in this message, the value of the next LND IF SKIPPING parameter is greater than the total number of LND structured fields in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK307S **DATA IN A PAGEDEF RESOURCE IS INVALID: IN LND STRUCTURED FIELD NUMBER *number*, THE REUSE RECORD FLAG WAS SET BUT THE NEXT LINE DESCRIPTOR IF REUSING DATA PARAMETER WAS 0.**

Explanation: In the Line Descriptor (LND) structured field identified in this message, the Reuse Record flag had a value of B'1', indicating that the data being processed in this LND structured field should be reused and processed. The NEXT LINE DESCRIPTOR IF REUSING DATA parameter should point to the LND structured field used to continue processing. However, the value for the REUSING DATA parameter was X'0000', indicating the end of the chain. The LND structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

**APK309S DATA IN A PAGEDEF RESOURCE IS INVALID: THE REPEATING GROUP LENGTH
PARAMETER VALUE IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. Either the LENGTH OF REPEATING GROUPS parameter is zero, or the length of the repeating group data is not a multiple of the size specified in that parameter. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

**APK310S DATA IN A PAGEDEF RESOURCE IS INVALID: THE COUNT PARAMETER VALUE IN THE LNC
STRUCTURED FIELD WAS 0.**

Explanation: The COUNT parameter in the Line Descriptor Count (LNC) structured field had a value of zero. The LNC structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

**APK312S DATA IN A PAGEDEF RESOURCE IS INVALID: THE SIZE PARAMETER VALUE IN THE FDS
STRUCTURED FIELD WAS 0.**

Explanation: The SIZE parameter in the Fixed Data Size (FDS) structured field has a value of 0. The FDS structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

**APK314S DATA IN A PAGEDEF RESOURCE IS INVALID: THE NUMBER OF REPEATING GROUPS
PARAMETER VALUE IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. Either the NUMBER OF REPEATING GROUPS parameter contained in the CCP structured field is zero, or the number of repeating groups does not match the number specified in the parameter. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

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User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

**APK315S DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SPACING
PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* IS 0.**

Explanation: The logical-record control character indicates that the NEXT LINE DESCRIPTOR IF SPACING parameter should be followed. However, in the Line Descriptor (LND) structured field identified in this message, the NEXT LINE DESCRIPTOR IF SPACING parameter value was zero. The LND structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

**APK316S DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF SPACING
PARAMETER IN LND STRUCTURED FIELD NUMBER *number* IS *parametervalue*. THIS VALUE IS
TOO LARGE.**

Explanation: The logical record control character indicates that the NEXT LINE DESCRIPTOR IF SPACING parameter in the Line Descriptor (LND) structured field should be followed. However, in the Line Descriptor (LND) structured field identified in this message, the NEXT LINE DESCRIPTOR IF SPACING parameter value was greater than the total number of line descriptors in the data map. The LND structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

**APK317S DATA IN A PAGEDEF RESOURCE IS INVALID: THE LENGTH OF COMPARISON STRING
PARAMETER VALUE IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.**

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. Either the LENGTH OF COMPARISON STRING parameter is zero, or the length of the comparison string data does not match the length of a repeating group minus the fixed lengths of the remaining fields of the repeating group. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program

to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK319I DATA IN A PAGEDEF RESOURCE IS NOT VALID: LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number* HAS A NULL VALUE SPECIFIED IN THE SUPPRESSION TOKEN NAME PARAMETER. A NULL VALUE IS NOT VALID.

Explanation: The SUPPRESSION TOKEN NAME parameter in the Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field in the page definition has a null value. A null value is any value that contains X'FFFF' in the first two bytes.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK320S DATA IN A PAGEDEF RESOURCE IS INVALID: THE IDENTIFIER *identifier1* SPECIFIED IN THE NEXT CCP IDENTIFIER PARAMETER IN CCP STRUCTURED FIELD *identifier2* WAS NOT FOUND.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The NEXT CONDITIONAL PROCESSING CONTROL IDENTIFIER parameter in the CCP structured field specifies the identifier used to locate a CCP, if the CCP structured fields are chained. The identifier must match a value specified in the CCP IDENTIFIER parameter of another CCP within the same page definition. The identifier specified in the NEXT CCP IDENTIFIER parameter did not match the CCP IDENTIFIER of any CCPs in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK321S DATA IN A PAGEDEF RESOURCE IS INVALID: THE TIMING OF ACTION PARAMETER VALUE *value* IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The TIMING OF ACTION parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page

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definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK322S DATA IN A PAGEDEF RESOURCE IS INVALID: THE MEDIUM MAP ACTION PARAMETER VALUE *value* IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The MEDIUM MAP ACTION parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK323S DATA IN A PAGEDEF RESOURCE IS INVALID: THE DATA MAP ACTION PARAMETER VALUE *value* IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The DATA MAP ACTION parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK324S DATA IN A PAGEDEF RESOURCE IS INVALID: THE COMPARISON PARAMETER VALUE *value* IN CCP STRUCTURED FIELD *ccpidentifier* IS INVALID.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The COMPARISON parameter in one of the repeating groups of the CCP structured field contains an incorrect value. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK326S DATA IN A PAGEDEF RESOURCE IS INVALID: THE DATA MAP *datamapname* SPECIFIED IN THE DATA MAP NAME PARAMETER OF CCP STRUCTURED FIELD *ccpidentifier* WAS NOT FOUND.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The DATA MAP NAME parameter in one of the repeating groups of the CCP structured field specifies the token name of a data map used to locate a data map in the page definition. The name must match the value specified in the TOKEN NAME parameter in one of the Begin Data Map (BDM) structured fields in the current page definition. No data map with name *datamapname* was found in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK327S DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF REUSING DATA PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The NEXT LINE DESCRIPTOR IF REUSING DATA parameter in the Line Descriptor (LND) structured field identified in this message caused an infinite-loop condition. The LND structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK329S DATA IN A PAGEDEF RESOURCE IS INVALID: THE NEXT LINE DESCRIPTOR IF REUSING DATA PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* IS *parametervalue1*. THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF *parametervalue2*.

Explanation: The NEXT LINE DESCRIPTOR IF REUSING DATA parameter in the Line Descriptor (LND) structured field identified in this message has an incorrect value. The value is greater than the COUNT parameter in the Line Descriptor Count (LNC) structured field in the current data map. The LNC and LND structured fields are contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK330I DATA IN A PAGEDEF RESOURCE IS NOT VALID: WHEN THE DATA START POSITION VALUE IS ADDED TO THE DATA LENGTH VALUE IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number*, IT EXCEEDS THE FDS STRUCTURED FIELD SIZE VALUE OF *parametervalue*.

Explanation: The Use Fixed Data flag in byte 0 in the Line Descriptor (LND) structured field, in byte 11 in the Record Descriptor (RCD) structured field, or in byte 1 in the XML Descriptor (XMD) structured field was set to B'1'. This indicates that data from Fixed Data Text (FDX) structured fields is to be added to the data placed within the page by the LND, RCD, or XMD structured field. The FDX, XMD, RCD, and LND structured fields are in the page definition.

The DATA START POSITION parameter in the LND, RCD, or XMD structured field indicates the offset of the first byte of data. The DATA LENGTH parameter specifies how many bytes of FDX are to be placed within the page. This error was caused when these two parameters specified more data than the FDX structured fields contain. The number of bytes of data in the FDX structured fields can be found in the SIZE parameter of the Fixed Data Size (FDS) structured field.

System Action: PSF stops processing the current data set, and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK334S DATA IN A PAGEDEF RESOURCE IS INVALID: THE AMOUNT OF FIXED DATA RECEIVED DID NOT AGREE WITH THE VALUE SPECIFIED IN THE FDS STRUCTURED FIELD SIZE PARAMETER.

Explanation: The Fixed Data Text (FDX) structured field contained more bytes of data than what was indicated in the SIZE parameter of the Fixed Data Size (FDS) structured field. The FDS and FDX structured fields are contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK335S DATA IN A PAGEDEF RESOURCE IS INVALID: THE MEDIUM MAP *mediummapname* SPECIFIED IN THE MEDIUM MAP NAME PARAMETER OF CCP STRUCTURED FIELD *ccpidentifier* WAS NOT FOUND.

Explanation: The Conditional Processing Control (CCP) structured field has an incorrect value. The MEDIUM MAP NAME parameter in one of the repeating groups of the CCP structured field specifies the token name of a medium map used to locate a medium map in the form definition. The name must match the value specified in the TOKEN NAME parameter in one of the Begin Medium Map (BMM) structured fields in the current form definition. No medium map with name *mediummapname* was found in the form definition. The CCP structured field is contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print

request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK337I DATA IN A PAGEDEF RESOURCE IS NOT VALID: IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number*, THE CONDITIONAL PROCESSING FLAG WAS SET BUT THE CONDITIONAL PROCESSING CONTROL IDENTIFIER WAS ZERO.

Explanation: In the Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the Conditional Processing flag had a value of B'1', indicating that the line data to be processed by this LND, RCD, or XMD structured field is to be compared with a value specified in a Conditional Processing Control (CCP) structured field. The CCP IDENTIFIER parameter in the LND, RCD, or XMD structured field is used to find one of the CCP structured fields in the current page definition. This parameter was set to 0, which is not a valid value if the Conditional Processing flag is on. The LND, RCD, XMD, and CCP structured fields are in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK339I DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE IDENTIFIER *identifier* SPECIFIED IN THE CONDITIONAL PROCESSING CONTROL IDENTIFIER PARAMETER IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number* WAS NOT FOUND.

Explanation: In the Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the Conditional Processing flag had a value of B'1', indicating that the line data to be processed by this LND, RCD, or XMD structured field is to be compared with a value specified in a Conditional Processing Control (CCP) structured field. The CCP IDENTIFIER parameter in the LND, RCD, or XMD structured field is used to find one of the CCP structured fields in the current page definition. However, the identifier specified in the LND, RCD, or XMD structured field identified in this message does not match the value specified in the CCP IDENTIFIER parameter in any of the CCP structured fields in the current page definition. The LND, RCD, XMD, and CCP structured fields are in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK340I DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING PARAMETER VALUE IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number* IS *value1*. THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF *value2*.

Explanation: The NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING parameter in the Line Descriptor (LND), Record Format Descriptor (RCD), or XML Descriptor (XMD) structured field has an incorrect value. The value is greater than the COUNT parameter in the Line Descriptor Count (LNC) structured field in the current data map. The LNC, LND, RCD, and XMD structured fields are contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK341S DATA IN A PAGEDEF RESOURCE IS INVALID: IN LND STRUCTURED FIELD NUMBER *number*, THE SHIFT-OUT CODED FONT LOCAL IDENTIFIER WAS NON-ZERO BUT THE GENERATE FONT CHANGE FLAG WAS NOT SET.

Explanation: In the Line Descriptor (LND) or Record Descriptor (RCD) structured field identified in this message, the Shift-Out Coded Font Identifier was non-zero. The Generate Font Change flag should be set to indicate that the Primary Coded Font Local Identifier should be used whenever a shift-in code is processed. However, the Generate Font Change flag had a value of B'0'. The LND or RCD structured field is contained in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK342I DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING PARAMETER VALUE IN LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The NEXT LINE DESCRIPTOR IF CONDITIONAL PROCESSING parameter in the Line Descriptor (LND), Record Format Descriptor (RCD), or XML Descriptor (XMD) structured field caused an infinite-loop condition. The LND, RCD, and XMD structured fields are in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK343I DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: RELATIVE POSITIONING PLACED DATA OUTSIDE THE LOGICAL PAGE IN THE NEGATIVE Y DIRECTION. THE PRIOR AND CURRENT LND, RCD, OR XMD STRUCTURED FIELD NUMBERS ARE: *priornumber* AND *currentnumber*.

Explanation: When relative positioning is being used on a Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the relative position specified for the Y direction can be a negative value. The current LND, RCD, or XMD position (*priornumber*) defines the baseline position from which the relative offset of the current LND, RCD, or XMD is measured.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK344S DATA IN A PAGEDEF RESOURCE IS INVALID: THE NUMBER OF LND STRUCTURED FIELDS DOES NOT MATCH THE VALUE SPECIFIED IN THE LNC STRUCTURED FIELD.

Explanation: The number of Line Descriptor (LND) or Record Descriptor (RCD) structured fields found in a page definition is either greater than or less than the value specified in the Line Descriptor Count (LNC) structured field. The LND, RDC, and LNC structured fields are in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which the error occurred.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK346W DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS INVALID: A SKIP TO A NONEXISTENT CHANNEL = *channel* ON RECORD NUMBER = *recordnumber* WAS DETECTED WITHIN THE LND STRUCTURED FIELDS. OUTPUT WAS FORCED TO SINGLE SPACING, WHICH MAY CAUSE BLANK PAGES.

Explanation: An attempt was made to skip to a channel not defined in the current data map. The Line Descriptor (LND) structured fields in the page definition are incorrect. During scanning, the entire NEXT LINE DESCRIPTOR IF SKIPPING parameter could not be followed because an LND had the End Page If Skipping flag set. This created an infinite loop on the same input record. The LND structured field is contained in the page definition.

System Action: The record containing the error was forced to single spacing. When forced single spacing occurs, the carriage control character on the record is ignored. The record is treated as if a X'09' machine control character or a X'40' ANSI control character was specified in the record that caused the error.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page

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definition with the error, verify that the input to that program was valid. If the input was valid, refer to *Advanced Function Printing: Diagnosis Guide* for assistance in determining the source of the problem.

APK350S **DATA IN A PAGEDEF RESOURCE IS INVALID: IN LND STRUCTURED FIELD NUMBER *number*, THE SHIFT-OUT CODED FONT LOCAL IDENTIFIER WAS NON-ZERO BUT THE GENERATE FONT CHANGE FLAG WAS NOT SET.**

Explanation: In the Line Descriptor (LND) or Record Descriptor (RCD) structured field identified in this message, the Shift-Out Coded Font Identifier was non-zero. The Generate Font Change flag should be set to indicate that the Primary Coded Font Local Identifier should be used whenever a shift-in code is processed. However, the Generate Font Change flag had a value of B'0'. The LND or RCD structured field is contained in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK352I **DATA IN A PAGEDEF RESOURCE IS NOT VALID: BAR CODE GENERATION WAS REQUESTED ON LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number*, BUT THE PRINTER DOES NOT SUPPORT BAR CODE OBJECTS.**

Explanation: A Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field in a page definition has requested PSF to generate a bar code object from the line data, but the printer does not support bar code objects.

System Action: PSF ignores the request and continues processing the data set.

User Response: To print the data set and have PSF generate bar code objects, submit the print job to a printer that supports bar code objects. For more information about AFP printers that support bar code objects, refer to *AFP: Printer Information*.

System Programmer Response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the option from the page definition that requests that a bar code be generated.

APK353S **DATA IN A PAGEDEF RESOURCE IS INVALID: THE DATA LENGTH PARAMETER VALUE IN LND STRUCTURED FIELD NUMBER *number* DOES NOT MATCH THE LENGTH OF COMPARISON STRING PARAMETER VALUE IN CCP STRUCTURED FIELD *ccpidentifier*.**

Explanation: In the Line Descriptor (LND) structured field, the value of the DATA LENGTH parameter is used in identifying the field of the current input record for which conditional processing is to be performed. This field is to be compared with the Comparison String specified in the Conditional Processing Control (CCP) structured field. The length specified in the DATA LENGTH parameter in the LND structured field does not match the length specified in the LENGTH OF COMPARISON STRING parameter of the CCP structured field. The LND and CCP structured fields are contained in the page definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK355S DATA IN A PAGEDEF RESOURCE IS INVALID: A PAGE OVERLAY WAS REQUESTED IN LND OR RCD STRUCTURED FIELD *structuredfield*, BUT THE PRINTER DOES NOT SUPPORT PAGE OVERLAYS.

Explanation: An overlay has been requested by a Line Descriptor (LND) or Record Descriptor (RCD) structured field within the page definition, but the printer does not support page overlays.

System Action: PSF terminates the page and continues processing the data set.

User Response: To print the data set containing the page overlay, submit the print job to a printer that supports page overlays. For more information about AFP printers that support page overlays, refer to *AFP: Printer Information*.

System Programmer Response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the page overlay from the page definition.

APK356S DATA IN A PAGEDEF RESOURCE IS INVALID: A PAGE SEGMENT OR OVERLAY WAS REQUESTED IN THE LND OR RCD STRUCTURED FIELD *structuredfield*, BUT THE INLINE OR BASELINE POSITION VALUES WERE SPECIFIED FOR THE LND OR RCD.

Explanation: If any resource object-include triplets are specified in the LND structured field, bits 2 and 3 of bytes 0–1 in the LND structured field must both be set. If any resource object-include triplets are specified in the RCD structured field, bits 2 and 3 of bytes 11–13 in the RCD structured field must both be set.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK359I AN INLINE MEDIUM MAP WAS ENCOUNTERED IN THE DATASET, BUT INLINE MEDIUM MAPS ARE NOT SUPPORTED.

Explanation: A Begin Medium Map (BMM) structured field was encountered in the data stream after resources for the data set had been processed. ACIF does not support inline medium maps between pages. The data set might have been created by a program that creates inline medium maps, but a data set that contains inline medium maps cannot be printed.

System Action: ACIF stops processing the print data set.

User Response: Correct the error and resubmit the request.

System Programmer Response: See the I/O error message to determine an appropriate action.

APK364I THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INDICATES DIFFERENT SELECT INPUT SOURCE VALUES FOR THE FRONT AND BACK SIDES OF A DUPLEX SHEET.

Explanation: The Medium Modification Control (MMC) structured field referenced by the Medium Copy Count (MCC) structured field repeating groups specify different input source or media type local ID values, along with either tumble or normal duplex. This is an attempt to print the front and back sides of a sheet from different input bins.

System Action: The form definition containing the error is not used, and one of these occurs:

- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.

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- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment when the error was found.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK366I **DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: THE ORIENTATION USED WITH RELATIVE POSITIONING IS DIFFERENT THAN THE LAST ORIENTATION USED FOR PRINTING. THE PRIOR AND CURRENT LND, RCD, OR XMD STRUCTURED FIELD NUMBERS ARE: *priornumber* AND *currentnumber*.**

Explanation: When relative positioning is being used on a Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field, the text orientation field of the current LND, RCD, or XMD (*currentnumber*) must match the text orientation field of the LND, RCD, or XMD (*priornumber*) that was last used for positioning data. The prior LND, RCD, or XMD position defines the baseline position from which the relative offset of the current LND, RCD, or XMD is measured.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which the error occurred.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK367I **DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE OUTPUT OPTION SPECIFIED IN AN IOB STRUCTURED FIELD WITH RESOURCE LOCAL ID *identifier* IS NOT VALID OR IS UNSUPPORTED. THE IOB IS INCLUDED WITH LND, RCD, OR XMD STRUCTURED FIELD NUMBER *number*.**

Explanation: The Include Object (IOB) structured field in error contained an Output Option value that is not valid, or the printer does not support the Output Option value. The IOB is included using the Line Descriptor (LND), Record Descriptor (RCD), or XML Descriptor (XMD) structured field identified in this message. The IOB, LND, RCD, and XMD structured fields are contained in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred.

User Response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK368S **DATA IN A PAGEDEF RESOURCE IS INVALID: THE RESOURCE LOCAL ID *identifier* SPECIFIED IN THE EXTENDED RESOURCE LOCAL ID TRIPLET ON LND STRUCTURED FIELD NUMBER *number* WAS NOT FOUND.**

Explanation: In the Line Descriptor (LND) or Record Descriptor (RCD) structured field, and Extended Resource Local Identifier triplet specifies a local ID (*identifier*) of an Include Object (IOB) structured field that is to be used to include an object when this LND or RCD is used for printing. The identifier specified on the LND or RCD does not match any of the IOB structured fields in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred.

User Response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK369S **DATA IN AN INPUT RECORD IS NOT VALID; A *structuredfield* STRUCTURED FIELD IS ATTEMPTING TO INCLUDE A NON-PRESENTATION OBJECT CONTAINER.**

Explanation: The Object Classification triplet (X'10') on a structured field is requesting a non-presentation object as the object class. Only presentation objects are allowed to be included through this structured field.

System Action: PSF stops processing the current page.

PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set.

If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

User Response:

System Programmer Response:

APK380S **THE REGISTRATION ID (*identifier*) OF AN OBJECT CONTAINER RESOURCE, NAME *resourcename* OR OBJECT OID *objectoid*, DOES NOT MATCH THE CORRESPONDING REGISTRATION ID FOR THE INVOKING JCL KEYWORD OR STRUCTURED FIELD.**

Explanation: An object container resource was requested through a JCL keyword or an IOB or MDR structured field, but the object classification triplet in the Begin Object Container structured field did not have the corresponding registration ID. For a list of registration IDs and their assumed functions, refer to *Mixed Object Document Content Architecture Reference*. A value of *** means that the resource name or object OID was not specified.

System Action: If the object container was called out by JCL, PSF stops processing the current data set and issues additional messages that identify the processing environment in which an error occurred. If the object container was included by an IOB or MDR structured field, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set.

User Response: If you created the structured fields for the object container resource, ensure that the registration ID corresponds to the keyword used to invoke the resource or the registration ID specified in the object classification triplet specified on the IOB or MDR structured field.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the object container that contains the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK381S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE REGISTERED OBJECT ID IN THE OBJECT CLASSIFICATION TRIPLET ON A *structuredfield* STRUCTURED FIELD IS NOT SPECIFIED.

Explanation: The registered object ID is 0 in the object classification triplet. Object containers require a registered ID to be specified.

System Action: If the structured field is included in an object embedded in a page or overlay, or the structured field is in a resource included by a page or overlay, PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. For non-presentation object containers, PSF stops printing the data set.

If the error is contained in a page definition, PSF terminates processing of the data set and continues processing with the next data set. PSF issues a message that identifies the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured field with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK384S DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INCLUDES CONFLICTING PRESENTATION SYSTEM SETUP ID VALUES.

Explanation: Multiple MMC structured fields referenced by the MCC structured field do not use the exact same set of Presentation System Setup ID values.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the form definition, correct the MCC structured field. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the MCC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK385S DATA IN A FORMDEF RESOURCE IS INVALID: THE MODIFICATIONS SPECIFIED IN THE MMC STRUCTURED FIELD *structuredfield* INCLUDE UNPAIRED *keyword1* AND *keyword2* KEYWORDS.

Explanation: The keywords must be paired in the Medium Modification Control (MMC) structured field. This form definition has one or the other keyword but not both, or the keyword pairs are not adjacent. The MMC structured field is contained in the form definition.

System Action: The form definition containing the error is not used, and one of these occurs:

- PSF is not started if the form definition containing the error is defined in the PSF startup procedure. The form definition resources defined in the PSF startup procedure are for separator pages, for the message data set, and for the default form definition resource for user print data sets.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set. PSF issues a message identifying the position of the structured field in the form definition. PSF issues additional messages identifying the processing environment when the error was found.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field.

If the structured field has no error, the error might be an PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK386S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: A REQUIRED TRIPLET with ID identifier WAS MISSING FROM AN IOB STRUCTURED FIELD.

Explanation: When identifier is:

X'4C' The x- or y-axis origin for object content or an object area size (X'4C') triplet was specified on an IOB, but no measurement unit (X'4B') triplet was specified. The structured field is contained in a print data set or overlay.

X'22' The Extended Resource Local Identifier (X'22') triplet is required when the IOB structured field is contained in a page definition.

System Action: If the error is contained in a page definition, PSF terminates processing of the data set and continues processing with the next data set. Otherwise, PSF terminates the page or overlay containing the structured field in error. PSF attempts to locate the end of the current page and resumes processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues a message identifying the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment when the error was found.

User Response: If you placed the IOB structured field in the print data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to place the IOB structured field in the print data set or overlay, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK387S DATA IN AN INPUT RECORD IS INVALID: A PARAMETER IN AN IOB STRUCTURED FIELD CONTAINS UNACCEPTABLE DATA.

Explanation: One of the parameters in the Include Object (IOB) structured field is not valid. The object type specified is not supported or is not valid or the x or y offset of the object area or the rotation value are not explicitly specified when the reference coordinate system is set to X'00'. The IOB structured field is contained in the print data set or an overlay.

System Action: ACIF stops processing the input data set.

User Response: If you placed the IOB structured field in the input data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System Programmer Response: No response is necessary.

APK388S DATA IN A PAGE SEGMENT IS INVALID: *structuredfield* STRUCTURED FIELD IS NOT ALLOWED IN A PAGE SEGMENT INCLUDED WITH AN IOB.

Explanation: Only MO:DCA-P page segments are allowed to be included with an IOB structured field. MO:DCA-P page segments cannot contain IM1 image or PTOCA data.

System Action: ACIF stops processing the input data set.

User Response: If you placed the IOB structured field in the input data set or overlay, correct the error and resubmit the ACIF job. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If you used a program to place the IOB structured field in the print data set or overlay, contact your system programmer.

System Programmer Response: No response is necessary.

APK389S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE FONT RESOLUTION AND METRIC TECHNOLOGY TRIPLET SPECIFIES AN INCORRECT VALUE.

Explanation: There is an incorrect value specified for the metric technology, the unit base, or the units per unit base field in the Font Resolution and Metric Technology triplet (X'84'). The triplet is specified on a Map Coded Font (MCF) structured field, which can be in a print data set or overlay.

System Action: ACIF stops processing the print data set.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the job to ACIF. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK390S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: THE *structuredfield* STRUCTURED FIELD CONTAINS A *triplet* TRIPLET THAT HAS AN INVALID VALUE. THE INVALID VALUE STARTS IN BYTE *byte* OF THE TRIPLET.

Explanation: An incorrect value was specified for a field that starts in byte offset of the triplet identified in this message. The triplet is specified on the structured field identified in this message.

System Action: If the error occurred in a form definition, a page definition, or a non-presentation object container resource (for example, COMSETUP), the form definition, page definition, or non-presentation object container resource is not used, and one of these occurs:

- PSF is not started for any of these:
 - The default form definition
 - A form definition specified for printing messages or separator pages
 - A page definition specified for printing messages or separator pages
- PSF cannot begin printing the data set for a form definition or non-presentation object container resource (or page definition if printing line date) specified on a user's OUTPUT JCL statement; PSF tries to print the next data set. If the error occurred in a structured field in a page or another type of resource, PSF attempts to find the end of the page or resource. If PSF can find the end of the page or resource, it prints any data accumulated for the current page. If PSF cannot find the end of the page or resource, the data set is terminated.

PSF issues a message identifying the position of the structured field in the data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields for the object, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the object, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK392I DATA IN A FORMDEF RESOURCE IS INVALID: THE SCOPE OF THE MFC IS *scope* BUT *structuredfield* IS THE STRUCTURED FIELD THAT BOUNDS THE MFC.

Explanation: Either a document environment group or a medium map in the current form definition contains a Medium Finishing Control (MFC) structured field with an incorrect value specified for the scope.

System Action: The MFC is ignored and processing continues. ACIF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* or *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the

error might be an ACIF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK393I THE INPUT BIN SPECIFIED IN THE MMC STRUCTURED FIELD OR ON THE OUTPUT STATEMENT IS AN INSERTER BIN AND IS DISABLED. AN ALTERNATIVE BIN WAS SUBSTITUTED.

Explanation: The Medium Modification Control (MMC) structured field or the output statement requested an input bin that is supported by the printer but is disabled. This bin is an inserter bin. The MMC structured field is contained in the form definition. The output statement is in the JCL.

System Action: ACIF continues processing, selecting paper from an alternative bin. The inserter pages are blank sheets from the alternative bin.

User Response: If the output is not acceptable, submit the print request to a printer that has the specified bin available, or ensure that the bin is enabled on the original printer before resubmitting the print request.

System Programmer Response: No response is necessary.

APK395I A FORMDEF RESOURCE REQUESTED A MEDIA EJECT CONTROL TO THE NEXT BACK-SIDE AND DUPLEX=NO WAS SPECIFIED ON THE OUTPUT STATEMENT.

Explanation: When a media eject control to the next back-side is specified in a form definition, the DUPLEX=NO keyword on the OUTPUT statement cannot be used to change from duplex (specified in the form definition) to simplex. The reason is that an incompatible request is being made; you cannot eject to the next back-side when simplexing.

When a media eject control to the next back-side is specified in the form definition and the form definition requests normal or tumble duplex, the only valid option for the duplex keyword is to specify either DUPLEX=NORMAL or DUPLEX=TUMBLE on the OUTPUT statement.

System Action: ACIF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: Resubmit the job without requesting the duplex keyword on the OUTPUT statement.

System Programmer Response: None.

APK396I DATA IN A FORMDEF RESOURCE IS INVALID: THE OUTPUT BIN SELECTION VALUE IN MMC STRUCTURED FIELD, ID *identifier*, IS NOT ACCEPTABLE.

Explanation: In the Medium Modification Control (MMC) structured field whose identifier is specified in the message text, the output bin selection parameter value was not valid. The MMC structured field is contained in the form definition.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK397I THE SET OF MODIFICATIONS SPECIFIED IN THE MCC STRUCTURED FIELD INDICATES DIFFERENT OUTPUT BIN VALUES FOR THE FRONT AND BACK SIDES OF A DUPLEX SHEET.

Explanation: The Medium Modification Control (MMC) structured fields referenced by the Medium Copy Count (MCC) structured field repeating groups specify different output bin values along with either tumble or normal duplex. This is an attempt to place the front and back sides of a sheet into different output bins.

System Action: ACIF stops processing the print data set and issues a message identifying the position of the structured field in the data stream or resource.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK398I DATA IN A FORMDEF RESOURCE IS INVALID: THE SET OF MODIFICATIONS SPECIFIED IN THE MMC STRUCTURED FIELD, ID *identifier*, INCLUDES DUPLICATE CONFLICTING VALUES FOR THE *keyword* KEYWORD.

Explanation: The Medium Modification Control (MMC) structured field contains duplicate conflicting values for the keyword identified in the message text. The MMC structured field is in the form definition.

System Action: ACIF issues this message and continues processing, ignoring the duplicate keyword.

User Response: If you created the structured fields for the form definition, correct the MMC structured field and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the MMC has no errors, the error might be an ACIF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the object with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

APK400S THE *parameter* NUMBER VALUE IS NOT NUMERIC.

Explanation: A numeric value must be specified after the parameter.

System Action: ACIF terminates.

User Response: Use a numeric value after the parameter and resubmit the job.

System Programmer Response: No response is necessary.

APK401S THE *parameter* NAME MUST BE DELIMITED WITH QUOTES.

Explanation: The attribute name of the parameter must begin and end with single quotes.

System Action: ACIF terminates.

User Response: Use single quotes before and after the attribute name in the parameter.

System Programmer Response: No response is necessary.

APK402S THE PARAMETER *parameter* IS INVALID.

Explanation: A parameter that is not valid for ACIF was specified.

System Action: ACIF terminates.

User Response: Correct the parameter and resubmit the job.

System Programmer Response: No response is necessary.

APK403S THE REQUESTED RESOURCE *number* IS UNKNOWN.

Explanation: A resource I/O has been requested, but the resource type is unknown to ACIF. This condition is caused by an ACIF logic error. The resource type codes are listed below:

| Type | Resource |
|------|-------------------------|
| 1 | Print input file |
| 2 | FORMDEF file |
| 3 | PAGEDEF file |
| 4 | OVERLAY file |
| 5 | SEGMENT file |
| 6 | Coded FONT file |
| 7 | Coded PAGE file |
| 8 | FONT Character Set file |
| 9 | FONT Metric file |
| 10 | FONT Shape file |
| 20 | Print output file |
| 21 | Messages output file |
| 22 | SPOOL file |
| 23 | Dummy input file |
| 24 | Dummy output file |
| 25 | Parameter file |
| 26 | Resource Object file |

System Action: ACIF terminates.

User Response: Contact IBM Service.

System Programmer Response: No response is necessary.

APK404S THE ATTRIBUTE NAME USED IN *indexn* HAS AN IMPROPER USE OF QUOTES.

Explanation: An unpaired set of quotes was found in the attribute name for an INDEX n parameter.

System Action: ACIF terminates.

User Response: Correct the INDEX n parameter and resubmit the job.

System Programmer Response: No response is necessary.

APK405S A VALUE OF *value* IS INVALID FOR PARAMETER *parameter*.

Explanation: The value supplied for a parameter is not valid.

System Action: ACIF terminates.

User Response: Correct the parameter value and resubmit the job.

System Programmer Response: No response is necessary.

APK406S PARAMETER *parameter* HAS TOO MANY DATA SETS SPECIFIED.

Explanation: More than eight data sets have been supplied for the parameter.

System Action: ACIF terminates.

User Response: Correct the number of data sets and resubmit the job.

System Programmer Response: No response is necessary.

APK407S A RESTYPE PARAMETER OF *value* IS NOT VALID.

Explanation: A resource type of NONE was found with another value in the RESTYPE parameter. Examples of other values are: FONT, OVLY, FDEF, or PSEG. A resource type of NONE cannot be specified with another value.

System Action: ACIF terminates.

User Response: Correct the RESTYPE parameter and resubmit the job.

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System Programmer Response: No response is necessary.

APK408S **A VIRTUAL STORAGE REQUEST WAS UNSUCCESSFUL - REQUEST SIZE** *storagerequestsize*
RETURN CODE *returncode*.

Explanation: A GETMAIN macro made an unsuccessful attempt to obtain virtual storage. This message indicates the storage size and the return code from the system GETMAIN macro.

System Action: ACIF terminates.

User Response: Increase the REGION size and resubmit the job.

System Programmer Response: To interpret the GETMAIN return code, refer to the documents about application development macros for your operating system.

APK409S **A DDNAME FOR** *parameter* **WAS NOT SUPPLIED. default WAS USED.**

Explanation: No DD name was specified for either the **MSGDD** or the **PARMDD** parameter.

System Action: If the missing DD name was **MSGDD**, the DD name assigned to **SYSPRINT** was used. If the missing DD name was **PARMDD**, the DD name assigned to **SYSIN** was used.

User Response: If the DD name used was not acceptable, specify a DD name for the parameter and submit the job again.

System Programmer Response: No response is necessary.

APK410S **AN ACIF STORAGE REQUEST WAS UNSUCCESSFUL - REQUEST SIZE** *storagerequestsize*
requesttype **RETURN CODE** *returncode*.

Explanation: An unsuccessful attempt has been made to obtain or free ACIF subpool storage. This error message returns the following information:

- Storage request size
- Request type
- Return code

System Action: ACIF terminates.

User Response: No response is necessary.

System Programmer Response: Use the information provided in the message to correct the error and resubmit the job.

APK411S **AN ERROR OCCURRED WHILE ATTEMPTING TO** *action* **THE DDNAME** *ddname*, **RETURN CODE** *returncode*.

Explanation: The file I/O macro made an unsuccessful attempt to read from, write to, or close the named DD. The return codes are:

Return Code

| | Description |
|----|---|
| 0 | Successful |
| 1 | Permanent I/O error |
| 2 | Specified number of bytes is zero or negative |
| 3 | Incorrect data buffer address |
| 4 | Address not word aligned |
| 6 | Incorrect FILE_CB@ |
| 7 | Incorrect MODE parameter |
| 8 | Data record longer than LRECL or buffer |
| 9 | File is not supported type |
| 10 | Storage allocation/deallocation failed |
| 11 | Incorrect record number |
| 12 | End of file detected |
| 13 | Disk is full |
| 14 | RECFM not valid |

20 Incorrect file ID
 28 File not found
 51 Length exceeds maximum
 310 File format not valid

System Action: ACIF terminates.

User Response: Use the information provided in the return code to correct the problem.

System Programmer Response: No response is necessary.

APK412W MODULE *modulename* HAS RETURNED WITH RETURN CODE *returncode*.

Explanation: A non-zero return code has been returned from the called module. This message indicates that an abnormal occurrence has taken place in the called module. This message is informational and further action takes place in higher level modules if required.

System Action: None; this message is for information only.

User Response: See the accompanying message to determine a response.

System Programmer Response: No response is necessary.

APK413S ATTEMPTED *action* RESOURCE FILE *ddname*, RESOURCE MEMBER NAME *membername* FAILED.
 RETURN CODE *returncode*.

Explanation: An attempt to open, close, read, or write a resource failed. This message indicates that an abnormal occurrence has taken place in the called module. This message is informational and further action takes place in higher level modules if required.

Return Code

| | Description |
|-----|---|
| 0 | Successful |
| 1 | Permanent I/O error |
| 2 | Specified number of bytes is zero or negative |
| 3 | Incorrect data buffer address |
| 4 | Address not word aligned |
| 6 | Incorrect FILE_CB@ |
| 7 | Incorrect MODE parameter |
| 8 | Data record longer than LRECL or buffer |
| 9 | File is not supported type |
| 10 | Storage allocation/deallocation failed |
| 11 | Incorrect record number |
| 12 | End of file detected |
| 13 | Disk is full |
| 14 | RECFM not valid |
| 20 | Incorrect file ID |
| 28 | File not found |
| 51 | Length exceeds maximum |
| 310 | File format not valid |

System Action: None; this message is for information only.

User Response: See the accompanying message to determine a response.

System Programmer Response: No response is necessary.

APK414I THE FOLLOWING PARAMETERS WILL BE USED FOR THIS RUN:

Explanation: This message is issued before APK415I, APK416I, and APK417I to begin the listing of the parameters to be used for this run.

System Action: None.

User Response: No response is necessary.

System Programmer Response: No response is necessary.

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APK415I *parameter = value.*

Explanation: For this run, the parameter listed has been used with the associated value.

System Action: None.

User Response: No response is necessary.

System Programmer Response: No response is necessary.

APK416I **THESE PATHS HAVE BEEN SPECIFIED FOR** *libraryname.*

Explanation: This message is issued before message APK417I and shows the resource type the data set or file type is specified for.

System Action: None.

User Response: No response is necessary.

System Programmer Response: No response is necessary.

APK417I **PATH:** *name*

Explanation: This message follows APK416I and lists the name of the data set or file type for a particular resource type.

System Action: None.

User Response: No response is necessary.

System Programmer Response: No response is necessary.

APK418S **THE MAXIMUM RECORD ID WAS EXCEEDED.**

Explanation: The current job contains more than 999999999 documents.

System Action: ACIF terminates.

User Response: Break the job up into a smaller number of documents.

System Programmer Response: No response is necessary.

APK419S **USER** *exittype* **EXIT** *programname* **RETURNED CODE** *returncode.*

Explanation: An input, output, or resource user exit program has returned a non-zero return code.

System Action: ACIF terminates.

User Response: Correct the error in the exit program and resubmit the job.

System Programmer Response: No response is necessary.

APK420S **AN ERROR OCCURRED WHILE ATTEMPTING TO OPEN** "*dataset*" **RETURN CODE** *returncode.*

Explanation: An attempt to open a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

| | Description |
|---|---|
| 0 | Successful |
| 1 | Permanent I/O error |
| 2 | Specified number of bytes is zero or negative |
| 3 | Incorrect data buffer address |
| 4 | Address not word aligned |
| 6 | Incorrect FILE_CB@ |
| 7 | Incorrect MODE parameter |
| 8 | Data record longer than LRECL or buffer |
| 9 | File is not supported type |

| | |
|-----|--|
| 10 | Storage allocation/deallocation failed |
| 11 | Incorrect record number |
| 12 | End of file detected |
| 13 | Disk is full |
| 14 | RECFM not valid |
| 20 | Incorrect file ID |
| 28 | File not found |
| 32 | ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file <code>/usr/lib/nls/msg/en_US/acif.cat</code> |
| 36 | Default message catalog not accessible. Check permissions |
| 51 | Length exceeds maximum |
| 310 | File format not valid |

System Action: ACIF terminates.

User Response: Use the information provided in the return code to correct the problem.

System Programmer Response: No response is necessary.

APK421S **AN ERROR OCCURRED WHILE ATTEMPTING TO CLOSE "dataset" RETURN CODE** *returncode*.

Explanation: An attempt to close a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

| | Description |
|-----|--|
| 0 | Successful |
| 1 | Permanent I/O error |
| 2 | Specified number of bytes is zero or negative |
| 3 | Incorrect data buffer address |
| 4 | Address not word aligned |
| 6 | Incorrect FILE_CB@ |
| 7 | Incorrect MODE parameter |
| 8 | Data record longer than LRECL or buffer |
| 9 | File is not supported type |
| 10 | Storage allocation/deallocation failed |
| 11 | Incorrect record number |
| 12 | End of file detected |
| 13 | Disk is full |
| 14 | RECFM not valid |
| 20 | Incorrect file ID |
| 28 | File not found |
| 32 | ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file <code>/usr/lib/nls/msg/en_US/acif.cat</code> |
| 36 | Default message catalog not accessible. Check permissions |
| 51 | Length exceeds maximum |
| 310 | File format not valid |

System Action: ACIF terminates.

User Response: Use the information provided in the return code to correct the problem.

System Programmer Response: No response is necessary.

APK422S **AN ERROR OCCURRED WHILE ATTEMPTING TO READ "dataset" RETURN CODE** *returncode*.

Explanation: An attempt to read a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

| | Description |
|---|---|
| 0 | Successful |
| 1 | Permanent I/O error |
| 2 | Specified number of bytes is zero or negative |
| 3 | Incorrect data buffer address |

APK423S

| | |
|-----|--|
| 4 | Address not word aligned |
| 6 | Incorrect FILE_CB@ |
| 7 | Incorrect MODE parameter |
| 8 | Data record longer than LRECL or buffer |
| 9 | File is not supported type |
| 10 | Storage allocation/deallocation failed |
| 11 | Incorrect record number |
| 12 | End of file detected |
| 13 | Disk is full |
| 14 | RECFM not valid |
| 20 | Incorrect file ID |
| 28 | File not found |
| 32 | ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file <code>/usr/lib/nls/msg/en_US/acif.cat</code> |
| 36 | Default message catalog not accessible. Check permissions |
| 51 | Length exceeds maximum |
| 310 | File format not valid |

System Action: ACIF terminates.

User Response: Use the information provided in the return code to correct the problem.

System Programmer Response: No response is necessary.

APK423S AN ERROR OCCURRED WHILE ATTEMPTING TO WRITE "*dataset*" RETURN CODE *returncode*.

Explanation: An attempt to write a data set failed. This message is informational and further action takes place in higher level modules if required.

Return Code

| | Description |
|-----|--|
| 0 | Successful |
| 1 | Permanent I/O error |
| 2 | Specified number of bytes is zero or negative |
| 3 | Incorrect data buffer address |
| 4 | Address not word aligned |
| 6 | Incorrect FILE_CB@ |
| 7 | Incorrect MODE parameter |
| 8 | Data record longer than LRECL or buffer |
| 9 | File is not supported type |
| 10 | Storage allocation/deallocation failed |
| 11 | Incorrect record number |
| 12 | End of file detected |
| 13 | Disk is full |
| 14 | RECFM not valid |
| 20 | Incorrect file ID |
| 28 | File not found |
| 32 | ACIF message catalog not found in paths specified by NLSPATH environment variable. ACIF uses default message catalog file <code>/usr/lib/nls/msg/en_US/acif.cat</code> |
| 36 | Default message catalog not accessible. Check permissions |
| 51 | Length exceeds maximum |
| 310 | File format not valid |

System Action: ACIF terminates.

User Response: Use the information provided in the return code to correct the problem.

System Programmer Response: No response is necessary.

APK424I PARAMETER 'RESFILE=PDS' IS ONLY VALID UNDER MVS, DEFAULTING TO 'RESFILE=SEQ'.

Explanation: The supplied value for the **RESFILE** parameter is valid only for OS/390 and MVS; it is incorrect for the AIX, Windows NT®, VM, or VSE operating system.

System Action: ACIF produces a sequential resource file.

User Response: No response is necessary.

System Programmer Response: No response is necessary.

APK425S USER *type* EXIT *program* WAS NOT FOUND.

Explanation: The input, output, or resource user exit program named on the exit's DD parameter does not exist.

System Action: ACIF terminates.

User Response: Correct your exit program and resubmit the job.

System Programmer Response: No response is necessary.

APK426S PARAMETER MISMATCH: RESTYPE *type* SPECIFIED, BUT NO SUPPORTING LIBRARY DEFINITIONS WERE SUPPLIED.

Explanation: The resource type *type* was specified on the RESTYPE parameter, but no DD parameter for that resource type was supplied in the ACIF parameter file.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK427I AN ERROR OCCURRED WITH FILEDEF *filename*, RETURN CODE = *rc*, THE DEFAULT OF *filename filetype* *filemode* FOR *ddname* WILL BE USED.

Explanation: An incorrect *filename* was supplied. The defaults listed are used instead.

System Action: ACIF continues.

User Response: No response is necessary.

System Programmer Response: No response is necessary.

APK428S A *resource* HAS BEEN REQUESTED, BUT NO NAME WAS GIVEN.

Explanation: The resource listed in the message was requested to be handled by ACIF, but the name to get was not passed to ACIF. This condition is caused by an ACIF logic error.

System Action: ACIF terminates.

User Response: Contact IBM Service.

System Programmer Response: No response is necessary.

APK435W THE *ddname* DD STATEMENT SPECIFIED FOR *parameter* IS MISSING.

Explanation: An ACIF DD parameter specified a DD name that was not specified in the JCL (OS/390 or VSE) or FILEDEF statement (VM).

System Action: ACIF terminates.

User Response: Ensure that the ACIF parameter specifies a DD name that is defined in the job commands.

System Programmer Response: No response is necessary.

APK436S • APK442S

APK436S THE GROUPNAME VALUE *value* IS NOT WITHIN THE ALLOWABLE RANGE.

Explanation: ACIF processing has encountered the GROUPNAME parameter with an incorrect INDEX number specified. The INDEXn range is 1–8.

System Action: ACIF terminates.

User Response: Correct the resource and resubmit the job.

System Programmer Response: No response is necessary.

APK437S '(TYPE=FLOAT)' MAY NOT BE SPECIFIED FOR TRIGGER1.

Explanation: The 'TYPE=FLOAT' subparameter is not valid for TRIGGER1.

System Action: ACIF terminates.

User Response: Correct the parameter and rerun ACIF.

System Programmer Response: No response is necessary.

APK438S THE VALUE SPECIFIED FOR *parameter1* CONFLICTS WITH THE VALUE SPECIFIED FOR *parameter2*.

Explanation: The value specified for the first parameter conflicts with the value specified for the second parameter.

System Action: ACIF terminates.

User Response: Correct the parameters and rerun ACIF.

System Programmer Response: No response is necessary.

| **APK440I** ACIF AT <APAR#> HAS COMPLETED NORMALLY WITH A RETURN CODE 0.

| **Explanation:** ACIF processing has completed with a return code of zero. The message includes the current APAR number. For example: *ACIF at PQ63028 has completed normally with a Return Code 0.*

| **System Action:** This message is for information only.

| **User Response:** See any accompanying messages to determine a response.

| **System Programmer Response:** No response is necessary.

| **APK441I** ACIF AT <APAR#> HAS COMPLETED ABNORMALLY WITH A RETURN CODE 4.

| **Explanation:** ACIF processing has completed with a return code of four. The message includes the current APAR number. For example: *ACIF at PQ63028 has completed abnormally with a Return Code 4.* A return code of four is a warning; processing continues.

| **System Action:** This message is for information only.

| **User Response:** See any accompanying messages to determine a response.

| **System Programmer Response:** No response is necessary.

APK442S ACIF HAS BEEN INVOKED WITHOUT ANY PARAMETERS.

Explanation: ACIF needs a minimum number of parameters in order to function.

System Action: ACIF terminates.

User Response: Specify the INPUTDD, FORMDEF, CC, and PAGEDEF parameters.

System Programmer Response: No response is necessary.

APK443S **A BEGIN COLUMN SPECIFICATION FOR FIELD_n IS <= 0. SUCH A SPECIFICATION IS ONLY VALID WHEN (BASE=TRIGGER) IS ALSO SPECIFIED.**

Explanation: FIELD_n was specified with a column offset less than or equal to zero, but (BASE=TRIGGER) was not also specified. Negative column offsets in a FIELD specification are only valid when (BASE=TRIGGER) is also specified.

System Action: ACIF terminates.

User Response: Correct the the ACIF FIELD_n parameter specification and resubmit the job.

System Programmer Response: No response is necessary.

APK444S **MULTIPLE COLUMNS WERE SPECIFIED FOR FIELD_n WHICH IS DEFINED WITH (BASE=TRIGGER). ONLY ONE COLUMN MAY BE SPECIFIED WHEN A FIELD IS DEFINED WITH (BASE=TRIGGER).**

Explanation: FIELD_n was specified with multiple columns and (BASE=TRIGGER). Only one column can be specified for a field that is also specified with (BASE=TRIGGER).

System Action: ACIF terminates.

User Response: Correct the ACIF FIELD_n parameter specification and resubmit the job.

System Programmer Response: No response is necessary.

APK445S **INDEX_n WHICH IS DEFINED AS EITHER (TYPE=PAGERANGE) OR (TYPE=GROUPRANGE) INCLUDES FIELD_n WHICH IS DEFINED AS (BASE=TRIGGER). THIS COMBINATION IS INVALID.**

Explanation: INDEX_n was specified as (TYPE=PAGERANGE) or (TYPE=GROUPRANGE) and with a FIELD_n that was defined as (BASE=TRIGGER). This combination is not supported.

System Action: ACIF terminates.

User Response: Correct the ACIF parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK446S **USE OF FIELD_n BY INDEX_n IS INVALID. ONLY ONE FIELD IS ALLOWED IN AN INDEX DEFINED AS (TYPE=PAGERANGE) OR (TYPE=GROUPRANGE).**

Explanation: More than one field was specified for INDEX_n, which is defined as either (TYPE=PAGERANGE) or (TYPE=GROUPRANGE). This is not valid.

System Action: ACIF terminates.

User Response: Correct the ACIF parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK447S **THE LENGTH, *length1*, OF OFFSET PAIR *pair* FOR FIELD_n DOES NOT EQUAL THE LENGTH, *length2*, SPECIFIED FOR FIELD_n.**

Explanation: The length of a begin-end pair, specified by the offset keyword of a field, does not match the length of the field. This is not valid; the lengths must be equal.

System Action: ACIF terminates.

User Response: Correct the ACIF parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK448S • APK453S

APK448S INDEXING WAS REQUESTED, BUT NEITHER 'TRIGGER1' NOR ANY 'FIELD' WAS SATISFIED WITHIN THE PAGE RANGE SPECIFIED BY THE INDEXSTARTBY PARAMETER.

Explanation: Indexing was requested, but the first INDEX satisfier was outside the range of pages specified in the INDEXSTARTBY parameter.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK449S INDEX FIELDS REFERENCE OUTSIDE OF THE RECORD, FIELD# *number* INPUT RECORD# *number*

Explanation: The FIELD*n* value specified on the INDEX*n* parameter references an area that is outside the length of the requested record.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK450S A REQUIRED ACIF PARAMETER *parametername* WAS NOT FOUND IN THE PARAMETER FILE.

Explanation: A required ACIF parameter was not found in the parameter file.

System Action: ACIF terminates.

User Response: Add the missing parameter to the parameter file and resubmit.

System Programmer Response: No response is necessary.

APK451S FILE *action* ERROR DURING *ddname* PROCESSING. SVC 99 ERROR *error* INFORMATION CODE *code*.

Explanation: An error occurred during the allocation, concatenation, or outadd of AFP resource libraries.

System Action: ACIF terminates.

User Response: Inform your system programmer that this error occurred.

System Programmer Response: Use the return code and reason code to determine the cause of the error and information code; then, determine the appropriate response. Refer to your operating system's authorized assembler language programs document for information about the SVC 99.

APK452S A *trigger* NUMBER OF *number* IS INVALID FOR *parameter*.

Explanation: The trigger or record number specified in the FIELD*n* or INDEX*n* parameter is not valid.

System Action: ACIF terminates.

User Response: Triggers used in field definitions must be defined. Correct the parameter and rerun ACIF.

System Programmer Response: No response is necessary.

APK453S THE *fields* LENGTH OF *length* IS GREATER THAN THE ALLOWED MAXIMUM OF *maxlength*.

Explanation: The combined length of all of the FIELD*n* values on an INDEX*n* parameter is too long.

System Action: ACIF terminates.

User Response: Check the FIELD*n* and INDEX*n* parameters to find where this happens. Correct the parameter and resubmit the job.

System Programmer Response: No response is necessary.

APK454S A VALUE OF *value* IS INVALID FOR FIELD_{*n*}.

Explanation: A FIELD_{*n*} parameter value contains incorrect characters.

System Action: ACIF terminates.

User Response: Correct the parameter value and resubmit the job.

System Programmer Response: No response is necessary.

APK455S FIELD_{*n*} USED BY INDEX_{*n*} WAS NOT DEFINED.

Explanation: An INDEX_{*n*} parameter referred to a FIELD_{*n*} that was not defined in the parameter file.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK456S THE TRIGGER1 RELATIVE RECORD NUMBER IS NOT EQUAL TO ASTERISK.

Explanation: The record number associated with the TRIGGER1 parameter was not an asterisk.

System Action: ACIF terminates.

User Response: Correct the parameter and resubmit the job.

System Programmer Response: No response is necessary.

APK457S TRIGGER1 WAS NOT DEFINED, BUT SECONDARY TRIGGERS ARE PRESENT.

Explanation: TRIGGER1 must be specified if secondary TRIGGER_{*n*} parameters are present.

System Action: ACIF terminates.

User Response: If no indexing is required, delete all TRIGGER_{*n*} parameters from the parameter file; otherwise, supply a TRIGGER1 parameter for this run of ACIF.

System Programmer Response: No response is necessary.

APK458S A NON-LITERAL VALUE OF *value* HAS BEEN SUPPLIED FOR TRIGGER_{*n*}.

Explanation: The supplied TRIGGER_{*n*} value was not a literal.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK459S INDEX NEEDED FOR THE GROUPNAME WAS NOT FOUND.

Explanation: The index used for the GROUPNAME contained a field that was based on a floating trigger; however, the trigger was not found. Therefore, there is no value for the GROUPNAME. INDEX1 is used for the GROUPNAME by default.

System Action: ACIF terminates.

User Response: Use the GROUPNAME parameter to specify an index that does not contain a field based on a floating trigger.

System Programmer Response: No response is necessary.

APK460S • APK466S

APK460S TRIGGERS SATISFIED, BUT INDEXES WERE INCOMPLETE AT END-OF-FILE.

Explanation: The TRIGGER n parameters specified in the parameter file were met, but the end of the file was reached before the INDEX n parameters were located.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK461S TRIGGER SUPPLIED, BUT ALL INDEX VALUES WERE LITERALS.

Explanation: A value for TRIGGER n has been supplied, but all INDEX n values were literals.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK462S A TRIGGER PARAMETER WAS SPECIFIED, BUT THE INPUT FILE IS ALREADY INDEXED.

Explanation: The parameter file included a TRIGGER n parameter, but the input file contains indexing structured fields. ACIF cannot index a file that is already indexed.

System Action: ACIF terminates.

User Response: If you want to create an index object file for the input file, remove all TRIGGER n parameters from the ACIF parameter file and resubmit the job.

System Programmer Response: No response is necessary.

APK463S INDEX n USED BY THE GROUPNAME PARAMETER WAS NOT DEFINED OR WAS INVALID.

Explanation: The INDEX n specified by the GROUPNAME parameter was not defined or the index contained a field that was based on a floating trigger. When the GROUPNAME parameter is not used, INDEX1 is used by default.

System Action: ACIF terminates.

User Response: Correct the parameters and resubmit the job.

System Programmer Response: No response is necessary.

APK464S *token1* WAS SPECIFIED WHEN *token2* EXPECTED.

Explanation: The syntax of the parameter printed above this message was incorrect.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Correct the value of the parameter and rerun ACIF.

APK465S INVALID TOKEN *token* RECEIVED.

Explanation: The token identified in the message was not expected in the parameter listed above the message.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Correct the value of the parameter and rerun ACIF.

APK466S A SUB-PARAMETER OF *subparameter* IS NOT SUPPORTED ON THE *parameter* PARAMETER.

Explanation: The named sub-parameter is not supported on the parameter listed above the message.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Correct the value of the parameter and rerun ACIF.

APK467S THE NUMBER *number* IS NOT SUPPORTED FOR *parameter*.

Explanation: An incorrect number was specified on a FIELD*n*, INDEX*n*, or TRIGGER*n* parameter keyword.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Correct the parameter keyword so that the number is within the allowed range for that parameter and rerun ACIF.

APK468S THE INPUT BUFFER IS TOO SMALL FOR THE PARAMETER VALUE *value*.

Explanation: The named value was too long for the ACIF internal input buffer.

System Action: ACIF terminates.

User Response: Use your local problem reporting system to report the error.

APK469S THE LENGTH OF THE VALUE *value* EXCEEDS THE MAXIMUM ALLOWED LENGTH FOR THE *parameter* **PARAMETER**.

Explanation: The length of the named value exceeds the maximum length.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Correct the value so that its length is within the maximum for that parameter and rerun ACIF.

APK470S WHICH BEGINS AT OFFSET *offset* FOR A LENGTH OF *length*.

Explanation: This message is issued following a message that contains the cause of the error.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Correct the value so that its length is within the maximum for that parameter and rerun ACIF.

APK471S THE NUMBER OF FIELD VALUES ON THE INDEX PARAMETER EXCEEDED THE MAXIMUM ALLOWED.

Explanation: There were too many FIELD*n* values specified for the INDEX*n* parameter printed above this message.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Remove the extra FIELD*n* values from the INDEX*n* parameter and rerun ACIF.

APK472S THE NUMBER OF VALUES SPECIFIED FOR THE *parameter* **PARAMETER** EXCEEDED THE MAXIMUM ALLOWED.

Explanation: Too many values were specified for the named parameter.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Consult the ACIF manual for the maximum number of values for this parameter, correct the parameter, and rerun ACIF.

APK473S RECORDRANGE SUB-PARAMETER ALLOWED ONLY IF RECORD VALUE IS '**'.

Explanation: The RECORDRANGE sub-parameter is only valid on a TRIGGER*n* parameter if the record value was specified as '**'.

System Action: ACIF terminates.

User Response: Either specify an '**' for the record value or remove the RECORDRANGE sub-parameter from the TRIGGER parameter.

APK474S • APK532S

APK474S **END-OF-FILE ENCOUNTERED BEFORE CLOSING QUOTE FOUND FOR** *value*.

Explanation: The end of the parameter file was found before the closing quote for a literal value.

System Action: ACIF terminates.

User Response: Ensure the literal value is enclosed in quotes and rerun ACIF.

APK475S **THE HEX STRING** *hexstring* **IS NOT VALID.**

Explanation: The value specified was not a valid hex string.

System Action: ACIF continues processing the parameter file, but does not process the report file.

User Response: Correct the hex string and rerun ACIF.

APK476I **MESSAGE TEXT NOT AVAILABLE FOR MESSAGE NUMBER:** *number*

Explanation: ACIF attempted to write a message that is not defined in the message catalog.

System Action: ACIF processing continues depending upon the significance of undefined message.

User Response: Contact IBM service and inform them that ACIF attempted to write an undefined message. This situation should be corrected by IBM.

APK499S **INTERNAL ERROR in MODULE** *module* **AT FUNCTION** *function*.

Explanation: An internal error has occurred.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message. Make note of the module and function specified in the message.

APK532S **A resource WITH A MEMBER NAME** (*membername*) **WAS NOT FOUND OR WAS INVALID - RETURN CODE** *returncode*.

Explanation: The requested form definition, page definition, page segment, medium overlay, or setup file does not exist in any of the available paths.

Return Code

| | Description |
|-----|---|
| 0 | Successful |
| 1 | Permanent I/O error |
| 2 | Specified number of bytes is zero |
| 3 | Incorrect data buffer address |
| 4 | Address not word aligned |
| 6 | Incorrect FILE_CB@ |
| 7 | Incorrect MODE parameter |
| 8 | Data record longer than LRECL or buffer |
| 9 | File is not supported type |
| 10 | Storage allocation/deallocation failed |
| 11 | Incorrect record number |
| 12 | End of file detected |
| 13 | Disk is full |
| 14 | RECFM not valid |
| 20 | Incorrect file ID |
| 28 | File not found |
| 51 | Length exceeds maximum |
| 310 | File format not valid |

Reason Code

| | Description |
|---|------------------------|
| 1 | Resource name missing |
| 2 | File system open error |

- 3 File system close error
- 4 File system read error
- 6 Resource type error
- 7 File system write error
- 8 Indexer error
- 9 Message write error

System Action: ACIF terminates.

User Response: Correct the parameters and rerun ACIF.

APK610I GTF RETURN CODE = *rc*.

Explanation: Generalized Trace Facility (GTF) has returned a nonzero return code from the GTRACE request. The return code *rc* and *error text* explain the error. The return codes and error text are:

| RC | Error Text |
|----|------------------------------------|
| 04 | Inactive OS/390 GTF |
| 08 | Incorrect length = xxxx |
| 0C | Incorrect data address = xxxx |
| 10 | Incorrect FID = xx |
| 14 | Incorrect EID = xx |
| 18 | No GTF buffer space |
| 1C | Incorrect parameter address = xxxx |
| 20 | Data paged out |
| xx | Unknown GTF return code |

System Action: The action depends on the return code; ACIF might or might not continue tracing. For return codes 18 and 20, GTF tracing continues. For the other return codes listed, GTF tracing stops. For unknown return codes, GTF tracing stops.

User Response: No response is necessary.

System Programmer Response: Refer to your operating system's service aids logic documents for more information about the return codes.

APK900S MISSING DAT POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK901S MISSING FORMDEF POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK902S MISSING PAGEDEF POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

APK903S • APK909S

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK903S MISSING OBJECT STACK POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK904S MISSING CODE PAGE POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK905S MISSING FONT METRIC POINTER IN CCM.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK906S UNEXPECTED OTHERWISE STATEMENT ENCOUNTERED.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK907S CCM CANNOT FIND REQUESTED MEDIUM MAP.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK908S CCM CANNOT FIND REQUESTED DATA MAP.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK909S CCM CANNOT FIND REQUESTED MEG.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK910S INPUT BIN LIST CHANGED DURING PROCESSING.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK911S DAT DID NOT SPECIFY ANY INPUT BIN INFORMATION.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK912S OVERLAY LOCAL ID HAS BEEN CHANGED IN LIST.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK913S STARTING COPY COUNT EXCEEDS TOTAL COPIES IN MM.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK914S CONDITIONAL PROCESSING INFORMATION PASSED TO CCM AT DOCUMENT INTERFACE BUT PAGEDEF DOES NOT REQUEST CONDITIONAL PROCESSING.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK915S ACIF REQUESTED CODE PAGE DEALLOCATION AS WELL AS CODE PAGE PROCESSING.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK916S ACIF REQUESTED ACTIVATION OF AN OUTLINE FONT CHARACTER SET, BUT DOES NOT SUPPORT OUTLINE FONTS.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK917S ACIF REQUESTED ACTIVATION OF A FONT RESOURCE, BUT THE GLOBAL NAME WAS NOT PROVIDED OR HAD AN INCORRECT LENGTH.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK918S NO FREQUENT FONT TABLE OR FGID LOOK ASIDE TABLE WAS PROVIDED TO *modulename*.

Explanation: An internal error has occurred in ACIF.

System Action: ACIF terminates.

User Response: Contact IBM Service and inform them that you have received this message indicating an internal error.

APK919S THE CCM COMPONENT OF ACIF HAS USED UP ITS OBJECT STACK IN *modulename*.

Explanation: The CCM component of ACIF has run out of its object stack area. This could be a data stream error or a logic error. A begin structured field must have a matching end structured field following it in the data stream. If this requirement is not met, the CCM can run out of its object stack area.

System Action: ACIF terminates.

User Response: Check the data stream to make sure each begin structured field has a matching end structured field following it. If this is not true, correct the data stream and resubmit the job to ACIF. If the data stream meets the begin structured field requirement, this message indicates an internal logic error. Contact IBM Service and inform them that you have received this message indicating an internal error.

APK920S ALL THE INPUT BINS ON YOUR PRINTER ARE EITHER DISABLED OR ARE INSERTER BINS. PSF NEEDS TO SUBSTITUTE A BIN BUT NO BINS ARE AVAILABLE TO SUBSTITUTE.

Explanation: This abend is issued by module APKMSGEX. All bins reported back from the printer are either disabled or are inserter bins. As a result, there are no bins available for printing and the current data set cannot be printed.

System Action: ACIF processing terminates abnormally.

APK921S NO RECORD LENGTH WAS PASSED TO CCM WHEN PROCESSING AN OBJECT CONTAINER RESOURCE.

Explanation: This abend is issued by module APRMSGEX. No record length was passed to CCM when processing an object container resource. This is a logic error.

System Action: PSF attempts to recover from this abend by restarting. Message APS057I is issued if PSF successfully restarts.

System Programmer Response: This PSF abend reason code indicates a logic error. Contact your service representative in the IBM Support Center or use your electronic link with IBM service for assistance regarding this error code.

APK2000S THE REGISTERED OBJECT TYPE ID (*identifier*) OF AN OBJECT CONTAINER RESOURCE, NAME *resourcename* OR OBJECT OID *objectoid*, IS NOT VALID OR IS NOT SUPPORTED BY PSF OR THE PRINTER.

Explanation: The registration ID specified for an object container is not supported by the printer. The registration ID is specified in the object classification triplet on an IOB, BOC, or BR structured field. A value of *** for the resource name or object OID means that it was not specified.

System Action: PSF terminates the page or overlay. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the object container resource, ensure that the registration ID is correct. If the registration ID is correct, submit the print job to a printer that supports this object type. For more information about what object types are supported by your printer, refer to your printer documentation.

System Programmer Response: If an IBM licensed program was used to create the structured fields, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2003S DATA IN AN INPUT RECORD OR RESOURCE IS INVALID: STRUCTURED FIELD *structuredfield* CONTAINED AN EXTENDED RESOURCE LOCAL IDENTIFIER VALUE THAT WAS USED IN A PREVIOUS STRUCTURED FIELD OF THE SAME TYPE.

Explanation: More than one structured field used the same Extended Resource Local Identifier value for different resources of the same type. The Extended Resource Local Identifier is specified by using the Extended Resource Local Identifier (X'22') triplet on the structured field. The structured field that attempted to use the same Extended Resource Local Identifier value is identified in the message.

System Action: PSF stops processing the current data set and issues messages identifying the position of the structured field and the processing environment when the error was found.

User Response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2004S DATA IN A FORMDEF RESOURCE IS INVALID: MEDIA TYPE LOCAL IDENTIFIER IN MMC STRUCTURED FIELD, ID *identifier*, WAS NOT FOUND IN THE MMT STRUCTURED FIELD.

Explanation: The Media Type local ID in the Medium Modification Control (MMC) structured field was not present in the Map Media Type (MMT) structured field. The MMC and MMT structured fields are in the form definition.

System Action: The form definition containing the error is not used, and one of the following occurs:

- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set; it tries to print the next data set.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2005S DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: RECORD IDENTIFIER *identifier* COULD NOT BE FOUND WITHIN THE RCD STRUCTURED FIELDS.

Explanation: The record identifier specified in an input record could not be matched to a Record Descriptor (RCD) structured field in the current data map. The RCD structured field is in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

APK2006S DATA IN A PAGEDEF RESOURCE IS NOT VALID: GRAPHICS GENERATION WAS REQUESTED ON RCD STRUCTURED FIELD *structuredfield*, BUT THE PRINTER DOES NOT SUPPORT GRAPHICS OBJECTS.

Explanation: A Record Descriptor (RCD) structured field in a page definition has requested PSF to generate a graphics object from the line data, but the printer does not support graphics objects.

System Action: PSF ignores the request and continues processing the data set.

User Response: To print the data set and have PSF generate graphics objects, submit the print job to a printer that supports graphics objects. For more information about AFP printers that support graphics objects, refer to *AFP: Printer Information*.

System Programmer Response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the option from the page definition that requests that a graphics object be generated.

APK2007S DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE FIELD RCD POINTER VALUE IN RCD STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The FIELD RECORD DESCRIPTOR POINTER parameter in the Record Descriptor (RCD) structured field identified in this message caused an infinite-loop condition. The RCD structured field is contained in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2008I DATA IN A PAGEDEF RESOURCE IS NOT VALID: RCD OR XMD STRUCTURED FIELD NUMBER *number* SPECIFIES A VALUE THAT IS NOT VALID AS A POINTER TO A FIELD RCD OR XMD. THE VALUE *rcdvalue*. THIS EXCEEDS THE LNC STRUCTURED FIELD COUNT VALUE OF *lncvalue*.

Explanation: The Record Descriptor (RCD) or XML Descriptor (XMD) structured field identified in this message specifies a value as a pointer to a Field RCD or XMD. The value specified is not valid. The value is greater than the

COUNT value in the Line Descriptor Count (LNC) structured field in the current data map. The LNC, RCD, and XMD structured fields are in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2009S DATA IN A PAGEDEF RESOURCE IS NOT VALID: RIGHT ALIGNMENT WAS REQUESTED ON RCD STRUCTURED FIELD *structuredfield*, BUT THE PRINTER DOES NOT SUPPORT RIGHT ALIGNMENT.

Explanation: A Record Descriptor (RCD) structured field in a page definition has requested that PSF right align a field from the line data, but the printer does not support the controls necessary for PSF to perform this function.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: To print the data set and have PSF right align fields, submit the print job to a printer that supports all four inline print directions and all four character rotations. For more information about inline print directions and character rotations supported by AFP printers, refer to *AFP: Printer Information*.

System Programmer Response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, delete the option from the page definition that requests that a field be right aligned.

APK2010S RECORD FORMATTING WAS REQUESTED BY THE PAGE DEFINITION BUT THAT FUNCTION IS NOT SUPPORTED BY THIS RELEASE OF PSF.

Explanation: The record formatting function is not supported by this release of PSF.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: To use the record formatting function, submit this job to a version of print PSF that supports record formatting.

System Programmer Response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, remove this page definition and select one that does not use the record formatting function.

APK2011I DATA IN A PAGEDEF RESOURCE IS NOT VALID: DATA MAP *datamap1* AND DATA MAP *datamap2* ARE FOR PROCESSING DIFFERENT TYPES OF DATA. ALL DATA MAPS IN THE PAGE DEFINITION MUST SPECIFY THE SAME DATA FORMATTING.

Explanation: A page definition can only be used for one type of data. A single page definition cannot be used to mix the processing of traditional line data, record-format line data, and XML data.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

APK2012S • APK2014I

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2012S DATA IN A PAGEDEF RESOURCE IS NOT VALID: A NON-ZERO RECORD IDENTIFIER PARAMETER VALUE *value* WAS SPECIFIED IN RCD STRUCTURED FIELD NUMBER *number*.

Explanation: For Record Descriptor (RCD) structured fields that are marked as either a field or a conditional processing RCD, the RECORD IDENTIFIER parameter value must be all zeros. The RCD structured fields are in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2013S DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE SAME RECORD IDENTIFIER *identifier* WAS SPECIFIED IN RCD STRUCTURED FIELD NUMBERS *number1* AND *number2*. ALL RECORD IDENTIFIERS MUST BE UNIQUE IN THE SAME DATA MAP.

Explanation: With the exception of the default Page Header Record Descriptor (RCD) structured field, the default Page Trailer RCD structured field, Field RCD structured fields, and Conditional Processing RCD structured fields, all other RCD structured fields in a data map must have a unique record identifier parameter value specified.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2014I DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: THE PAGE SIZE IS NOT LARGE ENOUGH TO PLACE THE FIRST RECORD OF THE PAGE BY USING RCD OR XMD STRUCTURED FIELD NUMBER *number* AND ITS ASSOCIATED FIELD RCD OR XMD STRUCTURED FIELDS.

Explanation: The Body Record Descriptor (RCD) or XML Descriptor (XMD) structured field selected for placing the first body record of the page does not fit within the area of the page defined by the bottom margin. If Field RCD or XMD structured fields are being used, one of the Field RCD or XMD structured fields might be positioning data beyond the bottom margin. This error prevents PSF from being able to place the record and continuing.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the

error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2015S DATA IN A PAGEDEF RESOURCE IS NOT VALID: AN RCD STRUCTURED FIELD SPECIFIED A GRAPHICS DESCRIPTOR TRIPLET TO END ALL STARTED GRAPHICS DESCRIPTOR TRIPLETS THAT HAVE A MATCHING GRAPHID PARAMETER VALUE *value*, BUT A MATCH COULD NOT BE FOUND.

Explanation: A graphics object can be started by one Record Descriptor (RCD) structured field and ended with another RCD structured field. When this is done, the Graphics Descriptor triplets that start and end a graphics object must have matching GRAPHID parameter values specified and the RCD structured fields must have matching orientations. PSF could not find a match between the start and end Graphics Descriptor triplets using the GRAPHID parameter from the end Graphics Descriptor triplet and the TEXT ORIENTATION parameter value from the RCD structured field.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2016S DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE USE RECORD IDENTIFIER FLAG WAS SET BUT THE SUM OF THE DATA START POSITION AND THE DATA LENGTH PARAMETER VALUES IN RCD STRUCTURED FIELD NUMBER *number* SELECTS DATA BEYOND THE RECORD IDENTIFIER FIELD.

Explanation: For Record Descriptor (RCD) structured fields that are marked to use only the record identifier portion of an input record, only the record identifier can be accessed by the RCD. The DATA START parameter plus the DATA LENGTH parameter of this RCD accesses data beyond the 10-byte record identifier area of the input record.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2017S DATA IN A PAGEDEF RESOURCE IS NOT VALID: A FONT IS NEEDED FOR AN RCD IN DATA MAP *datamap* BUT NO FONTS WERE MAPPED IN THE DATA MAP.

Explanation: Fonts needed for printing record-format line data must be selected in the data map. The CHARS JCL parameter cannot be used to select fonts. The data map identified in this message contained a Record Descriptor (RCD) structured field that requires a font, but no fonts were specified in the data map.

APK2018S • APK2020I

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2018S DATA IN A PAGEDEF RESOURCE IS NOT VALID: RCD STRUCTURED FIELD *structuredfield* REQUESTED THAT THE PAGE NUMBER BE RESET, BUT THE PAGE NUMBER PARAMETER CONTAINS ZERO.

Explanation: The PAGE NUMBER parameter in a Record Descriptor (RCD) structured field cannot be zero when the RCD requests that PSF reset the page number.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2019S DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE FONT SELECTED FOR PRINTING THE PAGE NUMBER ON RCD OR XMD STRUCTURED FIELD NUMBER *number* CANNOT BE A DOUBLE-BYTE FONT WHEN USING THE ASCII ENCODING SCHEME.

Explanation: PSF cannot determine the correct code points to generate when a double-byte font is used to print the page number using the ASCII encoding scheme. The structured field identified in this message selected a double-byte ASCII font for printing the page number. This is not allowed.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK2020I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE OBJECT OID LENGTH SPECIFIED IN A FULLY QUALIFIED NAME TRIPLET ON A *structuredfield* STRUCTURED FIELD IS GREATER THAN 129 BYTES.

Explanation: An object OID being specified in a Fully Qualified Name triplet has a length that exceeds 129 bytes.

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error

occurs in a resource, PSF stops processing the data set. If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2021I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE *structuredfield* STRUCTURED FIELD CONTAINS UNPAIRED FQN X'BE' & FQN X'DE' TRIPLETS.

Explanation: If this is an Include Object (IOB) structured field, the Fully Qualified Name (FQN) triplet with an FQNType of Data Object Internal Resource Reference (X'BE') must immediately follow an FQN triplet with an FQNType of Data Object External Resource Reference (X'DE'). If this is a Map Data Resource (MDR) structured field, a repeating group with an FQN triplet type X'BE' must also include an FQN triplet type X'DE'.

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the form definition with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 13, 15c, 17, 19.

APK2022I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A RESOURCE NAMED AS A SECONDARY RESOURCE ON AN IOB STRUCTURED FIELD IS NOT NAMED IN THE ACTIVE ENVIRONMENT GROUP OF THE PAGE OR OVERLAY.

Explanation: An Include Object (IOB) structured field calls for a secondary resource. This resource must be named in an MDR in the active environment group of the page or overlay containing the IOB structured field.

System Action: If the object is in a page, PSF terminates the page and continues processing the data set. If the object is in a resource, PSF stops processing and printing the data set.

User Response: If you created the structured fields for the print data set or the resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or the resource, contact your system programmer.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error. If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid.

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If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page or for the message data set in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 2, 17.

APK2023I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE FORMAT SPECIFIED IN A FULLY QUALIFIED NAME TRIPLET ON A *structuredfield* STRUCTURED FIELD IS NOT VALID.

Explanation: The FQNFmt specified in a Fully Qualified Name (FQN) triplet on a structured field is not valid.

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set. If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2024I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A FULLY QUALIFIED NAME TRIPLET WITH A TYPE OF X'84' OR X'CE' WAS SPECIFIED ON AN MDR STRUCTURED FIELD IN AN OBJECT ENVIRONMENT GROUP.

Explanation: A Fully Qualified Name (FQN) triplet with an FQNType of Begin Resource Object Reference (X'84') or Other object Data Reference (X'CE') is not allowed on a Map Data Resource structured field in an Object Environment Group.

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2025I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: MORE THAN ONE FULLY QUALIFIED NAME TRIPLET WAS SPECIFIED IN A REPEATING GROUP ON AN MDR STRUCTURED FIELD.

Explanation: Only one Fully Qualified Name (FQN) triplet with an FQNType of Begin Resource Object Reference (X'84'), Other Object Data Reference (X'CE'), or Data Object External Resource Reference (X'DE') can be specified in a repeating group.

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set. If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2026I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE OBJECT CLASS SPECIFIED IN AN OBJECT CLASSIFICATION TRIPLET ON AN MDR STRUCTURED FIELD IS NOT VALID.

Explanation: The ObjClass specified in an Object Classification triplet on a Map Data Resource (MDR) structured field must be X'40' if the Fully Qualified Name triplet type in the repeating group is a Data Object External Resource Reference (X'DE'). The ObjClass specified must be X'01' if the Fully Qualified Name triplet type in the repeating group is an Other Object Data Reference (X'CE').

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set. If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2027I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: AN MDR STRUCTURED FIELD SPECIFIES THE SAME RESOURCE REFERENCE MORE THAN ONCE IN AN ENVIRONMENT GROUP.

Explanation: The same resource reference cannot be made in a Map Data Resource (MDR) structured field in an environment group.

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set. If this error occurs in a resource environment group, PSF stops processing the resource environment group and continues processing the data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2028I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: THE RESOURCE BEGINNING WITH THE *structuredfield* STRUCTURED FIELD CANNOT BE SENT TO THE PRINTER AS A HARD RESOURCE.

Explanation: Either the printer or your PSF does not support sending this resource to the printer before the page and treating it as a hard resource managed by PSF.

System Action: PSF ignores this resource in the MDR and continues processing. PSF treats it as a soft resource each time it is included in a page or resource. A soft resource is sent to the printer each time it is included.

User Response: None.

System Programmer Response: None.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

APK2029I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: OBJECT OID *objectoid1* DOES NOT MATCH THE OBJECT OID *objectoid2* SPECIFIED ON THE *structuredfield* STRUCTURED FIELD.

Explanation: The object OID specified on a structured field must match the object OID specified on the Map Data Resource (MDR) or Include Object (IOB) structured field that referenced it. A value of *** indicates an OID was not specified.

System Action: PSF stops processing the current page. PSF attempts to find the end of the current page and to resume printing on the next page. If unable to find the end of the page, PSF stops printing the data set. If this error occurs in a resource, PSF stops processing the data set.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to

your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2030I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A SECONDARY RESOURCE IS SPECIFIED ON AN IOB STRUCTURED FIELD THAT INCLUDES A BAR CODE OR GRAPHICS OBJECT.

Explanation: A Fully Qualified Name (FQN) triplet of type Data Object External Resource Reference (X'DE') is specified on an Include Object (IOB) structured field that is including a bar code or graphics object. Secondary resources are not allowed for these objects.

System Action: The secondary resource reference is ignored and processing continues.

User Response: If you created the structured fields for the print data set or resource, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* for more information about the correct format of the referenced structured field. If the structured field is correct, the error might be a PSF logic error. If you used a program to create the structured fields for the print data set or resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the print data set or the resource with the error, verify that the input to that program was valid. If the input was valid, refer to your system's diagnosis reference for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

Problem Determination: Items 1, 2, 3, 13, 15c, 17, 19.

APK2032I DATA IN PAGEDEF RESOURCE *pagedef* IS NOT VALID: THE RESOURCE BEGINNING WITH THE *structuredfield* STRUCTURED FIELD CANNOT BE SENT TO THE PRINTER AS A HARD RESOURCE.

Explanation: Either the printer or your PSF does not support sending this resource to the printer before the page and treating it as a hard resource managed by PSF.

System Action: PSF ignores this resource in the MDR and continues processing. PSF treats it as a soft resource each time it is included in a page or resource. A soft resource is sent to the printer each time it is included.

User Response: None.

System Programmer Response: None.

Operator Response: If you see this message on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Contact your system programmer.

APK2033I THE BAR CODE DATA OR BAR CODE DATA PLUS THE ADDITIONAL 2D BAR CODE PARAMETERS EXCEED THE OUTPUT COMMAND BUFFER.

Explanation: Either the bar code data itself or the bar code data plus the macro control block data specified for a 2D bar code exceeds the size of the output command buffer. The macro control block data is specified in your page definition as part of the BCXPARMS (additional bar code parameters).

System Action: PSF issues this message and continues processing.

User Response: Change the amount of data specified for your bar code or reduce the amount of data in the macro control block.

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System Programmer Response: None.

Operator Response: None.

APK2039I DATA IN AN INPUT RECORD OR RESOURCE IS NOT VALID: A DUPLICATE FINISHING OPERATION WAS FOUND IN THE *mapname* MEDIUM MAP.

Explanation: The same finishing operation was specified more than once in a medium map. This nesting of the same finishing operation is not allowed. The Media Finishing Control (MFC) structured field is in a form definition or an internal medium map in the print data set.

System Action: If the error is in a resource, the resource is not used, and one of the following occurs:

- If the error is in the default form definition, or a form definition specified for printing messages or separator pages, PSF is not started.
- If the error is in a form definition specified on the user's OUTPUT JCL statement, PSF cannot begin printing the data set and tries to print the next data set.
- If the error is in the print data set, PSF stops processing the data set.

PSF issues a message identifying the position of the structured field in the input data stream or resource. PSF issues additional messages identifying the processing environment in which the error occurred.

User Response: If you created the structured fields for the form definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the form definition, contact your system programmer.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2040I THE NUMBER OF MEDIA COLLECTION FINISHING NESTING LEVELS IS MORE THAN 4.

Explanation: A maximum of four levels of nesting is allowed for media collection finishing. The Medium Finishing Control (MFC) structured field can be contained in a form definition or internal medium map in a page.

System Action: PSF stops processing the data set.

User Response: If you created the form definition or internal medium map, you must remove one or more levels of media collection finishing operations. Refer to *Mixed Object Document Content Architecture Reference* for more information about the structured field. Resubmit the print request. If the total number of nesting levels is less than or equal to four, the error might be a PSF logic error.

System Programmer Response: If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page or the message data set in the PSF startup procedure. Inform your system programmer.

APK2041I DATA IN AN INPUT RECORD OR PAGEDEF RESOURCE IS NOT VALID: INPUT DATA BEING USED FOR A VARIABLE RESOURCE NAME IN LND OR RCD STRUCTURED FIELD *number* IS DOUBLE BYTE DATA.

Explanation: A Resource Object Include triplet or an Extended Resource Local ID triplet on a Line Descriptor (LND) or Record Descriptor (RCD) structured field requests that the input data for the resource name is included. This input data cannot be double-byte data.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print

request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2042I DATA IN A PAGEDEF RESOURCE IS NOT VALID: AN XML PAGE DEFINITION REQUESTED THAT THE INPUT DATA BE USED FOR A RESOURCE NAME ON XMD STRUCTURED FIELD NUMBER *number*.

Explanation: An Object Reference Qualifier (ORQ) triplet has been specified on an XML Descriptor (XMD) structured field.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the resource, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field has no error, the error might be a PSF logic error. If you used a program to create the structured fields for the resource, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the resource with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page or for the message data set in the PSF startup procedure. Inform your system programmer.

APK2043I DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE ATTRIBUTE XMD POINTER VALUE IN XMD STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The Attribute XML Descriptor Pointer value in the XML Descriptor (XMD) structured field identified in this message caused an infinite loop condition. The XMD structured field is contained in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Mixed Object Document Content Architecture Reference* and *Advanced Function Presentation: Programming Guide and Line Data Reference* for more information about the structured field. If the structured field does not have an error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2044I DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE FIELD XMD POINTER VALUE IN XMD STRUCTURED FIELD NUMBER *number* WILL CAUSE AN INFINITE LOOP.

Explanation: The Field XML Descriptor Pointer value in the XML Descriptor (XMD) structured field identified in this message caused an infinite loop condition. The XMD structured field is contained in the page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2045I THE ENCODING SCHEME SPECIFIED IN A PAGE DEFINITION USED TO PROCESS XML DATA IS NOT SUPPORTED BY PSF.

Explanation: The encoding scheme specified is not supported by PSF.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: You need to use an encoding scheme that is supported by PSF for XML data processing. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2046I XML DATA FORMATTING WAS REQUESTED BY THE PAGE DEFINITION BUT THAT FUNCTION IS NOT SUPPORTED BY THIS RELEASE OF PSF.

Explanation: The XML data formatting function is not supported by this release of PSF.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: To use the XML data formatting function, submit this job to a version of PSF that supports XML data formatting.

System Programmer Response: If the page definition is for a separator page, the message data set, or the default page definition for the user print data sets defined in the PSF startup procedure, remove this page definition and select one that does not use the XML data formatting function.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2047I DATA IN A PAGEDEF RESOURCE IS NOT VALID: DATA MAP *datamapname1* AND DATA MAP *datamapname2* HAVE DIFFERENT ENCODING SCHEMES SPECIFIED FOR THE USER DATA. ALL DATA MAPS IN THE PAGE DEFINITION MUST SPECIFY THE SAME ENCODING SCHEME.

Explanation: All the data maps in a page definition used to process XML data must use the same encoding scheme for the user data.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2048I DATA IN AN INPUT RECORD IS NOT VALID: A DTD DECLARATION AT CHARACTER COUNT NUMBER *number* IS SPECIFIED OUTSIDE OF A DTD.

Explanation: A document type definition (DTD) declaration is only allowed inside a DTD. The character count number specified in this message is relative to the start of the record.

System Action: PSF stops processing the current data set and issues a message identifying the position of the error in the data stream. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the XML data, correct the error and resubmit the print request. Refer to the XML specification Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium Web site. If the XML data does not have an error, the error might be a PSF logic error. If you used a program to create the XML data, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

APK2049I DATA IN AN INPUT RECORD IS NOT VALID: THE XML COMMENT SYNTAX AT CHARACTER COUNT NUMBER *number* IS NOT VALID.

Explanation: After an XML comment has been started, you can only use two dashes in a row when ending a comment. The character count number specified in the message is relative to the start of the record.

System Action: PSF stops processing the current data set and issues a message identifying the position of the error in the data stream. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the XML data, correct the error and resubmit the print request. Refer to the XML specification Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium Web site. If the XML data does not have an error, the error might be a PSF logic error. If you used a program to create the XML data, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance

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in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

APK2050I DATA IN AN INPUT RECORD IS NOT VALID: THE XML END TAG AT CHARACTER COUNT NUMBER *number* DOES NOT MATCH THE LAST START TAG.

Explanation: An XML end tag must exactly match its start tag. The character count number specified in this message is relative to the start of the record.

System Action: PSF stops processing the current data set and issues a message identifying the position of the error in the data stream. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the XML data, correct the error and resubmit the print request. Refer to the XML specification Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium Web site. If the XML data does not have an error, the error might be a PSF logic error. If you used a program to create the XML data, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

APK2051I DATA IN AN INPUT RECORD IS NOT VALID: THE END OF A DOCUMENT TYPE DECLARATION AT CHARACTER COUNT NUMBER *number* IS NOT THE CORRECT SYNTAX.

Explanation: The end of a document type declaration (DTD) did not have the correct syntax. The character count number specified in this message is relative to the start of the record.

System Action: PSF stops processing the current data set and issues a message identifying the position of the error in the data stream. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the XML data, correct the error and resubmit the print request. Refer to the XML specification Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium Web site. If the XML data does not have an error, the error might be a PSF logic error. If you used a program to create the XML data, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

APK2052I DATA IN AN INPUT RECORD IS NOT VALID: THE CHARACTER CODE AT CHARACTER COUNT NUMBER *number* IS NOT A VALID VALUE FOR A CHARACTER REFERENCE.

Explanation: A character code inside a character reference is not one of the allowed values. The character count number specified in this message is relative to the start of the record.

System Action: PSF stops processing the current data set and issues a message identifying the position of the error in the data stream. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the XML data, correct the error and resubmit the print request. Refer to the XML specification Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium Web site. If the XML data does not have an error, the error might be a PSF logic error. If you used a program to create the XML data, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

APK2053I DATA IN AN INPUT RECORD IS NOT VALID: THE ENTITY AT CHARACTER COUNT NUMBER *number* IS NOT DEFINED IN THE DOCUMENT TYPE DEFINITION.

Explanation: PSF only allows internal general entity references, which must be defined in an internal document type definition (DTD). The character count number specified in this message is relative to the start of the record.

System Action: PSF stops processing the current data set and issues a message identifying the position of the error in the data stream. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the XML data, correct the error and resubmit the print request. Refer to the XML specification Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium Web site. If the XML data does not have an error, the error might be a PSF logic error. If you used a program to create the XML data, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

APK2054I DATA IN AN INPUT RECORD IS NOT VALID: THE CHARACTER IN A TAG NAME AT CHARACTER COUNT NUMBER *number* IS NOT VALID.

Explanation: A character in an XML tag name is not valid. The character count number specified in this message is relative to the start of the record.

System Action: PSF stops processing the current data set and issues a message identifying the position of the error in the data stream. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the XML data, correct the error and resubmit the print request. Refer to the XML specification Extensible Markup Language (XML) 1.0, on the World Wide Web Consortium Web site. If the XML data does not have an error, the error might be a PSF logic error. If you used a program to create the XML data, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the XML data with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that PSF cannot be initialized or cannot print error messages. Inform your system programmer.

APK2055I DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE ENCODING SCHEME IDENTIFIER FOR THE USER DATA IS NOT SPECIFIED IN THE ENCODING SCHEME TRIPLET ON THE BDM STRUCTURED FIELD.

Explanation: The Encoding Scheme Identifier for User Data (ESidUD) is missing on the Encoding Scheme triplet (X'50') on a Begin Data Map (BDM) structured field. This information is required when processing an XML page definition.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: You need to provide the encoding scheme for the user data. Refer to *Advanced Function Presentation*:

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Programming Guide and Line Data Reference and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2056I DATA IN A PAGEDEF RESOURCE IS NOT VALID: THE SAME QUALIFIED TAG WAS SPECIFIED IN XMD STRUCTURED FIELD NUMBERS *number1* AND *number2*. ALL QUALIFIED TAGS MUST BE UNIQUE IN THE SAME DATA MAP.

Explanation: All XML Descriptor (XMD) structured fields in a data map must have a unique qualified tag specified; with the exception of these types of XMD structured fields:

- Default Page Header
- Default Page Trailer
- Field
- Conditional Processing
- Attribute

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the page definition, correct the error and resubmit the print request. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK2057I DATA IN A PAGEDEF RESOURCE IS NOT VALID: RELATIVE INLINE POSITIONING ON AN XMD STRUCTURED FIELD CAN ONLY BE USED TO PLACE TEXT DATA.

Explanation: A Resource Object Include, Extended Resource Local ID, Bar Code Symbol Descriptor, or Graphics Descriptor triplet is specified on an XML Descriptor (XMD) structured field that uses relative inline positioning. You must use absolute inline positioning when including a page segment, overlay, or object with an XMD structured field. You must also use absolute inline positioning when generating a bar code or graphics object with an XMD structured field.

System Action: PSF stops processing the current data set and issues additional messages that identify the processing environment when the error was found.

User Response: You need to change your inline positioning to an absolute value. Refer to *Advanced Function Presentation: Programming Guide and Line Data Reference* and *Mixed Object Document Content Architecture Reference* for more information about the structured field. If the structured field does not have an error, the error might be a PSF logic error. If you used a program to create the structured fields for the page definition, contact your system programmer.

System Programmer Response: If an IBM licensed program was used to create the structured fields for the page definition with the error, verify that the input to that program is valid. If the input is valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or

the message data set, use the information provided in the User Response section to correct the error.

Operator Response: If this message displays on the operator's console, it indicates that the resource containing the error is defined for a separator page, for the message data set, or as the default resource for user print data sets in the PSF startup procedure. Inform your system programmer.

APK3506I DATA OBJECT RESOURCE TYPE *objectid* COULD NOT BE FOUND IN THE RESOURCE LIBRARY.

Explanation: The registration ID (object-type OID) for the specified data object resource cannot be read from the resource library. Only objects with valid data object resource names or resource locator names are supported by ACIF. The registration ID is specified in the object classification triplet on an IOB, BOC, BR, or MDR structured field. If the *objectid* specified in this message is ***, ACIF either does not support the registration ID or does not have enough information to identify the *objectid*.

System Action: If this error is encountered when processing a Resource Environment Group (REG), PSF skips over this particular data object resource and tries to process any other resources specified in the REG. If this error is encountered while processing a page or overlay object, PSF terminates the page or overlay object. PSF attempts to locate the end of the current page and resume processing on the next page. If the end of the current page cannot be located, PSF stops printing the data set. PSF issues additional messages that identify the processing environment when the error was found.

User Response: If you created the structured fields for the data object resource, ensure that the registration ID is correct. If the registration ID is correct, submit the print job to a printer that supports this object type. For more information about what object types are supported by your printer, refer to your printer documentation.

System Programmer Response: If an IBM licensed program was used to create the structured fields, verify that the input to that program was valid and the correct printer is being used. If the input was valid, refer to *PSF for OS/390 and z/OS: Diagnosis* for assistance in determining the source of the problem. If the error involves separator pages or the message data set, use the information provided in the User Response section to correct the error.

APK3507I DATA OBJECT RESOURCE TYPE *objectid* COULD NOT BE FOUND IN THE RESOURCE LIBRARY. THIS OBJECT IS NOT REQUIRED FOR PRINTING AND IS SKIPPED.

Explanation: The data object resource type specified could not be activated by the printer. The printer does not know about this data object resource; however, this object is not required for printing this document. PSF records this condition and continues. It is likely that the print file was formatted for a color printer that supports color profiles but is being printed on a printer that does not support these color profile objects. It is also possible that the *objectid* was specified incorrectly. If the *objectid* specified in this message is ***, ACIF does not have enough information to identify it.

System Action: PSF records this condition and then continues processing.

User Response: If the printed output is not acceptable, choose a printer that knows the object OIDs that are specified in this print file, correct the object OID, or reformat this print file for the printer on which this print file is being printed.

System Programmer Response: Verify that the formatting options at the time the print file is produced are compatible with the printer on which this print file is printing. Correct any mismatches.

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