



Customer Engagement

# EngageOne Enrichment

Version 7.1.0

Message Reference Guide

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# List of Messages

The Enrichment messages that appear in the Enrichment log are listed below in alphabetical and numerical order.

## PDR0100W

Extraneous data (characters) found in string (string).

**What happened:** You did not place characters in the correct format for a tag or group. *characters* indicates the correct data. Enrichment ignored the invalid *string*.

**What to do:** Make sure you spelled the tag correctly and that all specified parameters are valid. Refer to accompanying messages to fix the tag and tag format.

## PDR0101W

Possible unknown, misspelled, or misplaced tag found beginning string (*string*).

**What happened:** You specified a string of characters at the beginning of *STRING* that appears to be a tag but is either not valid in this position or is not a tag. Enrichment ignores characters until the next tag.

**What to do:** Make sure you spelled the tag correctly and that it is in the proper tag group.

## PDR0102S

Possible unknown tag (*name*) found in string (*string*).

**What happened:** You specified a string of characters (*name*) that was not an actual tag or group. Enrichment ignored the invalid *string*.

**What to do:** Check the tag to make sure that you spelled it correctly and that all specified parameters are valid. Refer to accompanying messages to fix the tag and tag format.

## PDR0103W

No value specified for tag *name*.

**What happened:** You did not specify a required tag value. The *name* tag with the missing value is given. Enrichment used the default value for the *name* tag. If there is no default value, Enrichment ignored the *name* tag.

**What to do:** Refer to accompanying messages to assign a valid value to the *name* tag.

## PDR0104I

Line *line number*: *line text*.

**What happened:** Enrichment is giving you information about a certain line in your control file. The *line number* and *line text* are given. If there was a problem with the information, other messages should accompany the informational message.

**What to do:** This message requires no direct action. However, accompanying messages may indicate a problem.

## PDR0105S

Line number in the control file has been exceeded the maximum length of characters.

**What happened:** One of the lines of your control file has exceeded the allowable length of 1024.

**What to do:** Split the line into two or more lines using intermediate variables if necessary.

## PDR0106S

Too many <GETFI LE>s encountered. Not more than *maximum* <GETFI LE>s may be used.

**What happened:** You specified more than *maximum* <GETFI LE> statements in your control file.

**What to do:** Replace some of the <GETFI LE> statements in your control file with the appropriate tags or groups.

## PDR0107S

<GETFI LE> of *name* would have caused recursion. This is not allowed.

**What happened:** Your control file contains a <GETFI LE> statement that calls your control file or that contains a <GETFI LE> statement that calls a file already used by your control file. *name* identifies the file called by the errant <GETFI LE> statement.

**What to do:** Make sure no file names are duplicated in <GETFILE> statements in your control file or in nested <GETFILE> statements. Also make sure no <GETFILE> statement calls your control file.

## PDR0108W

Tag value *value from tag* is too long. It has been truncated.

**What happened:** Your control file contains a value for a tag that is too long. It has been truncated.

**What to do:** Correct the value to a shorter, valid length.

## PDR0109S

Color value is invalid. Consult the Enrichment Reference manual for valid values.

**What happened:** Your control file contains a value for a color tag that is not valid.

**What to do:** Correct the value to a valid one or remove the tag.

## PDR0110S

Expected but did not find ending delimiter *character*.

**What happened:** You used a tag or tag structure that required a begin and end tag delimiter. You used the begin delimiter, but you did not use the end delimiter. The missing *character* is given.

**What to do:** Look for a tag or tag structure within your control file that is missing a required ending *character* and add the ending delimiter.

## PDR0111S

A multi-line comment was not ended. Start: *comment*

**What happened:** You began a comment in the control file, but you did not end it.

**What to do:** Make sure each comment has both a beginning and an end.

## PDR0112S

A double-quote string was not ended. String: *string*

**What happened:** You began a literal string with double quotes ("), but you did not end it.

**What to do:** Make sure each literal string that contains spaces begins *and* ends with double or single quotes (" or ').

## PDR0113S

A single-quote string was not ended. String: *string*

**What happened:** You began a literal string with a single quote ('), but you did not end it.

**What to do:** Make sure each literal string that contains spaces begins *and* ends with double or single quotes ("" or ').

## PDR0114W

You may not list the rule file in a compiled control file.

**What happened:** You used -l=R on the command line and the control file is compiled.

**What to do:** Decompile file with -K and password.

## PDR0201S

Processing of AFPDS print streams is not possible without the Enrichment AFPDS module installed. Use <TYPE>IMPACT for line mode processing.

**What happened:** You tried to process AFPDS print stream input but you do not have the Enrichment AFPDS module. Without the AFPDS module, you cannot specify <type> AFPDS.

**What to do:** Use <type> I MPACT in your Input group to process in line mode. If you need AFPDS processing, see your systems administrator about acquiring the Enrichment AFPDS module.

## PDR0202S

Processing of Metacode print streams is not possible without the Enrichment Metacode module installed. Use <TYPE>DJDE or <TYPE>IMPACT for line mode processing.

**What happened:** You tried to process Xerox Metacode print stream input but you do not have the Enrichment Metacode module. Without the Metacode module, you cannot specify <TYPE>METACODE.

**What to do:** Use <TYPE> DJDE or <TYPE> I MPACT in your Input group to process in line mode. If you need Metacode processing, see your systems administrator about acquiring the Enrichment Metacode module.

## PDR0203S

The *name* tag is not available without the Enrichment Insert module installed.

**What happened:** You specified the *name* tag but you do not have the Enrichment Insert module. Without the Insert module, you cannot use this tag.

**What to do:** Remove the tag from your control file. If you need the functionality of the tag, see your systems administrator about acquiring the Enrichment Insert module.

## PDR0205S

Multiple Input groups are defined in the control file but neither the Enrichment Sortmatch nor Insert module is installed.

**What happened:** You used more than one Input group, but do not have the Sortmatch or Insert module.

**What to do:** Remove all but one Input group from the control file and resubmit. If you need to process multiple inputs, see your systems administrator about acquiring the Enrichment Insert or Sortmatch modules.



## PDR0207S

Processing of PCL print streams is not possible without the Enrichment PCL module installed.

**What happened:** You tried to process HP PCL print stream input but you do not have the Enrichment PCL module. Without the PCL module, you cannot specify <TYPE> PCL.

**What to do:** If you need PCL processing, see your systems administrator about acquiring the Enrichment PCL module.

## PDR0208S

Processing of PostScript print streams is not possible without the Enrichment PostScript module installed.

**What happened:** You tried to process PostScript print stream input but you do not have the Enrichment PostScript module. Without the PostScript module, you cannot specify <TYPE> PostScript .

**What to do:** If you need PostScript processing, see your systems administrator about acquiring the Enrichment PostScript module.

## PDR0209S

Processing of *object* is not possible without the Enrichment *module* installed.

**What happened:** You tried to process the specified tag or function and are not authorized to do so.

**What to do:** If you need to use this frequently, see your systems administrator about acquiring the specified module.

## PDR0211S

The *name* tag is not available without the Enrichment Pitney Bowes Postal Interface installed.

**What happened:** You specified the *name* tag but you do not have the Enrichment Pitney Bowes Postal Interface. Without the Pitney Bowes Postal Interface, you cannot use this tag.

**What to do:** Remove the tag from your control file. If you need the functionality of the tag, see your systems administrator about acquiring the Enrichment Pitney Bowes Postal Interface module.

## PDR0212S

The `<CASSTYPE>` type2 parameter is not available without the Enrichment DualCoder installed.

**What happened:** You specified a secondary CASS engine without DualCoder.

**What to do:** Install DualCoder.

## PDR0213S

The `name` tag is not available when `<CASSTYPE>` is set to PDR. It is ignored.

**What happened:** You specified the `name` tag but you also specified a `<CASSTYPE>` of PDR. You can only use the tag identified by `name` with `<CASSTYPE>` LPC or `<CASSTYPE>` GROUP1.

**What to do:** When you use `<CASSTYPE>` PDR to add POSTNET barcodes to pre-standardized addresses, `<FRAME>` is the only additional tag you can set in the CASS group. Remove all but the `<CASS>`, `</CASS>`, `<CASSTYPE>`, and `<FRAME>` tags from the CASS group.

## PDR0215S

The `name` tag is not available without the Enrichment JES2 Interface installed.

**What happened:** You specified the `name` tag but you do not have the Enrichment JES2 Interface. Without the JES2 Interface, you cannot use this tag.

**What to do:** Remove the tag from your control file. If you need the functionality of the tag, see your systems administrator about acquiring the Enrichment JES2 Interface module.

## PDR0218S

Use of the Reprint load module is not available without the Reprint module installed.

**What happened:** You ran the Reprint load module and you do not have the Reprint module. Without the Reprint module, you cannot use this program.

**What to do:** If you need the processing of the Reprint program, see your systems administrator about acquiring the Reprint module

## PDR0220S

*Section, Line number, Column number.* The *type* command is not available without the Enrichment Insert module installed.

**What happened:** You specified a command within your rule file that requires the Enrichment Insert module but you do not have the module installed. The type of command (*type*) is given. You cannot use this command without the Insert module.

**What to do:** Remove the indicated command from your rule file. If you need the functionality of the command, see your systems administrator about acquiring the Enrichment Insert module.

## PDR0300S

Invalid value *value* for the <SPACING> tag. The value must be FIXED or PROPORTIONAL.

**What happened:** You specified a value other than Fixed or Proportional for the <SPACING> tag. The invalid value is given.

**What to do:** Specify either the parameter for <SPACING> as either Fixed or Proportional.

## PDR0301S

Invalid value *value* for the <PRIMARY> tag. The value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <PRIMARY> tag. The invalid value is given.

**What to do:** Specify either the parameter for <PRI MARY> as either Yes (Primary font) or No (Secondary).

## PDR0302S

Invalid value *number* for the <FONTNUM> tag. The value must be from 1 to 255.

**What happened:** You specified an invalid value for the <FONTNUM> tag. The value must be from 1 to 255. The invalid value is given.

**What to do:** Specify the FONTNUM value as a number from 1 to 255.

## PDR0303S

Invalid value *number* for the <WEI GHT> tag. The value must be from -7 to 7, or an equivalent descriptive word.

**What happened:** You specified an invalid value for the <WEI GHT> tag. The value must be from -7 to 7, or the equivalent word or abbreviation as given in the Enrichment reference. The invalid value is given.

**What to do:** Specify the <STYLE> value as a number from 0 to 32767 or as specified in the manual.

## PDR0304S

Invalid value *number* for the <STYLE> tag. The value must be from 0 to 32767 or a recognized style name.

**What happened:** You specified an invalid value for the <STYLE> tag. The value must be from 0 to 65535, or a recognized style name as given in the Enrichment reference. The invalid value is given.

**What to do:** Specify the <WEI GHT> value as a number from -7 to 7 or as specified in the manual.

## PDR0305S

Invalid value *symbolset* for the <SYMBOL> tag. The value must be from 0 to 65535 followed by a capital letter, or a recognized symbol set name.

**What happened:** You specified an invalid value for the <SYMBOL> tag. The value must be from 0 to 65535 followed by a capital letter, or a recognized symbol set name as given in the Enrichment reference. The invalid value is given.

**What to do:** Specify the <SYMBOL> value as a number from 0 to 65535 followed by a capital letter or as specified in the manual.

## PDR0306S

Invalid value *number* for the <HEIGHT> tag. The value must be from .25 to 999.75.

**What happened:** You specified an invalid value for the <HEIGHT> tag. The value must be from .25 to 999.75. The invalid value is given.

**What to do:** Specify the <HEIGHT> value as a number from .10 to 999.75.

## PDR0307S

Invalid value *number* for the <PITCH> tag. The value must be from .10 to 576.

**What happened:** You specified an invalid value for the <PITCH> tag. The value must be from .25 to 576. The invalid value is given.

**What to do:** Specify the <PITCH> value as a number from .25 to 576.

## PDR0308S

The font *number* in the <FONTNUM> tag in the <ADD> group was not defined by a <FONTDEF> group in the <ENVIRONMENT> group.

**What happened:** You specified a value for the <FONTNUM> tag in an <ADD> group that did not match any specified in by <FONTNUM> in a <FONTDEF> group. A PCL font must be defined using <FONTDEF> for Enrichment to use it in an <ADD> group. The invalid value is given.

**What to do:** Either correct the number in the <ADD> group, correct the number in the <FONTDEF> group, or use the <FONTDEF> group to define the font.

## PDR0309S

Invalid value *typeface* for the <TYPEFACE> tag. The value must be from 0 to 65535 or a recognized typeface name.

**What happened:** You specified an invalid value for the <TYPEFACE> tag. The value must be from 0 to 65535, or a recognized typeface name as given in the Enrichment reference. The invalid value is given.

**What to do:** Specify the <TYPEFACE> value as a number from 0 to 65535 or as specified in the manual.

## PDR0310S

Either all inputs must be PCL, or all inputs must be non-PCL.

**What happened:** You specified at least one input with a <TYPE> of PCL, and at least one with a different type. Enrichment does not support this combination.

**What to do:** Specify all <TYPE> values as PCL, or none of them as PCL.

## PDR0311S

Either all inputs must be PostScript, or all inputs must be non-PostScript.

**What happened:** You specified at least one input with a <TYPE> of PostScript, and at least one with a different type. Enrichment does not support this combination.

**What to do:** Specify all <TYPE> values as PostScript, or none of them as PostScript.

## PDR0312W

METACODEF (MF) and METACODE (M) have both been used as input file types. This may cause invalid output.

**What happened:** You specified at least one input with a <TYPE> of M, and at least one with a <TYPE> of MF. This may cause unprintable output.

**What to do:** Specify all <TYPE> values for Metacode input as M or MF or ensure that your output is valid.

## PDR0313S

An <XMLPART> tag specified an undefined <XMLELEMENT> group.

**What happened:** The name you specified in the *name* parameter of the <XMLPART> tag has not been defined.

**What to do:** Specify a the name of a defined <XMLELEMENT> group. <XMLELEMENT> group names are defined using the <XMLNAME> tag.

## PDR0314S

Too few parameters specified for the <XMLPART> tag. <XMLPART> requires two parameters: *name* and *type*.

**What happened:** One or more required parameters is missing from the <XMLPART> tag.

**What to do:** Specify the two required parameters: *name* and *type*. For more information, see the *Enrichment Language Reference*.

## PDR0315S

Invalid value for the <XMLPART> tag.

**What happened:** You specified an invalid value in the <XMLPART> tag.

**What to do:** Specify a valid value. For more information, see the *Enrichment Language Reference*.

## PDR0316S

When using large records, all inputs must be PostScript.

**What happened:** The large records (-w) runtime option was used, and not all inputs were PostScript.

**What to do:** Do not use the -w runtime option.

## PDR0317S

*var1* parameter is missing from *var2 var3*.

**What happened:** Enrichment encountered an internal error during PDF processing.

**What to do:** Contact Technical Support.

## PDR0500W

First character of argument is not the switch character '/'. Character '*argument*' ignored.

(z/OS only)

**What happened:** You typed a run-time argument but you did not precede it with a slash (/). The invalid *argument* is given. Enrichment ignored the argument.

**What to do:** Retype the Enrichment command with arguments. Precede each argument with a /.

## PDR0501W

No character found after '/' in arguments. Argument ignored.

(z/OS only)

**What happened:** You did not type a letter immediately after the slash (/) in the Enrichment run-time argument. Enrichment ignored the invalid argument.

**What to do:** Make sure there is not a space between the / and the argument.



## PDR0502W

Unknown switch character '*character*' found after '/' in arguments. Switch ignored.

(z/OS only)

**What happened:** You typed an invalid switch character after a slash (/). The invalid *character* is given. Enrichment ignored the invalid argument.

**What to do:** Type a valid run-time argument character after the /.

## PDR0503W

Character after file switch '*argument*' is not '='. Switch and character '*character*' ignored.

(UNIX and Windows only)

**What happened:** You typed a run-time argument that must be set to a value by using an equal sign (=) without following it with =. *argument* identifies the errant run-time argument and *character* indicates its value. Enrichment ignored the invalid argument and value.

**What to do:** Type = followed by the value after the run-time argument character.

## PDR0503W

Character after file switch '*argument*' is not '='. Switch and character '*character*' ignored.

(z/OS only)

**What happened:** You typed a run-time argument that must be set to a value by using an equal sign (=) without following it with =. *argument* identifies the errant run-time argument and *character* indicates its value. Enrichment ignored the invalid argument and value.

**What to do:** Type = followed by the value after the run-time argument character.

## PDR0504W

Quoted value *character* after switch '/*argument* =' is not terminated.

(z/OS only)

**What happened:** You did not include a quotation mark (") at the end of a run-time argument that began with a quotation mark ("). *argument* identifies the run-time argument and *character* indicates the value. Enrichment ignored the invalid argument.

**What to do:** Terminate the argument with a quotation mark.

## PDR0505W

List of values for switch *'argument='* is not properly terminated.

(z/OS only)

**What happened:** A run-time argument that accepts a list of values either was not properly terminated or had too many values specified. *argument* identifies the run-time argument. Enrichment ignored the invalid argument.

**What to do:** Either terminate the list of values with the proper termination (normally a close-parenthesis) or specify fewer argument values.

## PDR0506W

No value specified after argument *'argument='*. Argument ignored.

(z/OS only)

**What happened:** You did not specify a value after the T, E, L, S, R, or K run-time argument. *argument* identifies the run-time argument. Enrichment ignored the invalid argument.

**What to do:** Type a value for the argument after the equal sign (=).

## PDR0507W

A switch character *'* was specified after switch *'argument'*. Argument ignored.

(z/OS only)

**What happened:** You used a slash (/) as a value for a run-time argument. *argument* identifies the run-time argument. Enrichment ignored the invalid argument.

**What to do:** Make sure no argument value is set to a /.

## PDR0508W

Unknown value specified after switch '*argument =value*'. Switch ignored.

(z/OS only)

**What happened:** You did not specify a valid value after the T, E, L, S, R, or K argument. *argument* identifies the run-time argument and *value* indicates the unknown value. Enrichment ignored the invalid argument.

**What to do:** Specify a valid value for the argument after the equal sign (=).

## PDR0509S

Length of value specified after switch '*/argument =*' too long. Maximum length is *number*.

(z/OS only)

**What happened:** You specified a value that was too long for a run-time argument character. *argument* identifies the invalid run-time argument and *number* indicates the maximum length.

**What to do:** Correct the argument value.

## PDR0510S

Parameter *parm* too long. Maximum length is *number*.

**What happened:** You specified a value that was too long for a run-time argument. *parm* identifies the invalid parameter and *number* indicates the maximum length.

**What to do:** Correct the parameter.

## PDR0511S

Too many parameters specified. Maximum number of parameters is *number*.

**What happened:** You specified too many run-time parameters. *number* indicates the maximum number of parameters.

**What to do:** Supply fewer parameters or make sure they are properly quoted.

## PDR0512S

System variable *varname* may not be specified on the command line.

**What happened:** You specified a system or CASS variable as a user variable on the command line.

**What to do:** Use a different name for the user variable.

## PDR0513S

User variable *varname* was specified more than once on the command line.

**What happened:** You specified the same user variable more than once on the command line.

**What to do:** Use a user variable name only once on the command line.

## PDR0514S

User variable *varname* had no value specified on the command line.

**What happened:** You specified a user variable with no value.

**What to do:** Make sure the variable specified is assigned a meaningful value.

## PDR0515S

The name of User variable *varname* is longer than 50.

**What happened:** You specified a user variable longer than 50 characters.

**What to do:** Use a shorter user variable name.

## PDR0700I

*Rule compilation complete, number errors, number warnings.*

**What happened:** Rule compilation is complete. *Rule compilation* identifies the rule file. *number* specifies the number of compilation errors and *number* specifies the number of compilation warnings. If there are any compilation errors, Enrichment processing stops.

**What to do:** Correct all compilation errors (if any) and resubmit the job.

## PDR0701S

*Rule Compilation*, Line *number*, Column *number*; Function *function*: Not enough arguments. The minimum number of arguments is *number*.

**What happened:** You specified a function call but failed to specify all required arguments. *Rule Compilation* identifies the rule file that contains the errant function call. *function* identifies the function and *number* identifies the number of arguments the function requires.

**What to do:** Correctly specify all required arguments for the identified function.

## PDR0702S

*Rule Compilation*, Line *number*, Column *number*; Function *function*: Too many arguments. The maximum number of arguments is *number*.

**What happened:** You specified a function call with too many arguments. *Rule Compilation* identifies the rule file that contains the errant function call. *function* identifies the function and *number* identifies the maximum number of arguments you can use in the function.

**What to do:** Delete extra arguments from the function call.

## PDR0708S

*Section*, Line *number*, Column *number*, Function *function*, Argument *argument*: The value (*value*) must be a variable.

**What happened:** You specified something other than a variable as the value for a function call argument that can only be a variable. *Section* identifies the section of the rule file that contains the errant function call. *number* identifies the line and column in which the function was found. *function* identifies the function call. *argument* identifies the argument for which *value* is invalid.

**What to do:** Specify a variable name as the value for the indicated argument.

## PDR0709S

*Section*, *Line number*, *Column number*, *Function function*, *Argument argument*: The length of the value (*value*) exceeds the maximum length of *length*.

**What happened:** You specified too many characters for the value for a function call argument. *Section* identifies the section of the rule file that contains the errant function call. *number* identifies the line and column in which the function was found. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid. *length* identifies the maximum length of the argument.

**What to do:** Specify a value for the argument whose length is less than the specified maximum length. If the value is the result of a run-time expression, make sure that it does not return more than the maximum number of characters.

## PDR0710S

*Section*, *Line number*, *Column number*, *Function function*, *Argument argument*: The value (*value*) must be a single-character constant.

**What happened:** You specified more than one character as the value for a function call argument that requires a single-character constant value. *Section* identifies the section of the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid.

**What to do:** Specify a single character as the value for the indicated argument. If the value is coming from a run-time expression, make sure that it does not return more than one character.

## PDR0711S

*Section*, *Line number*, *Column number*, *Function function*, *Argument argument*: The value (*value*) must be one of the following characters: *list*.

**What happened:** You specified an invalid value for a function call argument. *Section* lists the section of the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid. *list* indicates valid values for the argument.

**What to do:** Specify one of the indicated values for the argument.

## PDR0712S

*Section*, *Line number*, *Column number*, *Function function*, *Argument argument*: The value (*value*) must be numeric.

**What happened:** You specified a non-numeric value for a numeric function call argument. *Section* identifies the section of the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid.

**What to do:** Specify a numeric value for the indicated argument.

## PDR0713S

*Section*, *Line number*, *Column number*, *Function function*, *Argument argument*: The value (*value*) must be a non-negative number.

**What happened:** You specified a numeric value less than zero for a function call argument. *Section* identifies the section of the rule file that contains the errant function call. *number* identifies the line and column in which the function was found. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid.

**What to do:** Specify a numeric value greater than or equal to zero for the indicated argument.

## PDR0714S

*Section*, *Line number*, *Column number*, *Function function*, *Argument argument*: The value (*value*) must be a non-zero positive number.

**What happened:** You specified a numeric value of zero or less for a function call argument. *Section* identifies the section of the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid.

**What to do:** Specify a numeric value greater than zero for the indicated argument.

## PDR0715S

*Section*, *Line number*, *Column number*, *Function function*, *Argument argument*: The value (*value*) must be numeric and in the range *low* to *high*.

**What happened:** You specified a value for a function call argument that was outside the valid numeric range. *Section* identifies the section of the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid. *low* and *high* identify the range of valid values for the argument.

**What to do:** Specify a numeric value within the given range for the indicated argument.

## PDR0716S

*Section, Line number, Column number, Function function, Argument argument:* The expression must be a variable.

**What happened:** You specified something other than a variable as the value for a function call argument that can only be a variable. *Section* identifies the section of the rule file that contains the errant function call; *number* identifies the line and column in which the function was found; *function* identifies the function call; *argument* identifies the argument that contains the invalid expression.

**What to do:** Specify a variable name as the value for the indicated argument.

## PDR0718S

*Section, Line number, Column number, Function function, Argument argument:* There is no default value for this argument.

**What happened:** You specified a function call but specified no value for an argument that has no default. *Section* identifies the rule file that contains the errant function call *function* identifies the function call and *argument* identifies the argument for which you specified no value.

**What to do:** Specify a value for the indicated argument.

## PDR0719S

*Section, Line number, Column number, User Function function, Argument argument:* The length of the value *size* exceeds the maximum input area size of *maxsize*.

**What happened:** You specified a user-written function argument that is longer than the maximum input area defined in the USERFUNCTION declaration. *Section* identifies the rule file that contains the errant function call, *function* identifies the name of the user-written function, *argument* identifies the argument that is too long, *size* is the length of the argument, and *maxsize* is the maximum length set in the USERFUNCTION declaration statement.



**What to do:** Change the maximum input area size in the USERFUNCTION declaration for the indicated user-written function.

## PDR0723S

*Section, Line number, Column number, Function function, Argument argument:* A currency symbol was not specified. The format requires a currency symbol.

**What happened:** You specified a function call that contains an argument for which a currency symbol is required, but you specified no currency symbol. *Section* identifies the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument.

**What to do:** Specify a currency symbol in the indicated argument.

## PDR0724S

*Section, Line number, Column number, Function function, Argument argument:* The decimal symbol cannot be the same as the separator symbol. Change the value to a character other than *value*.

**What happened:** You specified the same symbol as the value for the decimal symbol argument and the separator symbol argument in a function call. The decimal symbol and the thousands separator symbol must be different. *Section* identifies the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid.

**What to do:** Specify a different value in the indicated argument.

## PDR0727W

*Section, Line number, Column number, Function function:* The file specified (*tablename*) is empty.

**What happened:** The table you specified in the *function* function call was empty. Nothing could be looked up. *Section* identifies the section of the rule file that contains the errant function call. *tablename* identifies the empty LOOKUP table.

**What to do:** Make sure you specify the correct LOOKUP table in the function call. Make sure that the <CONTENT> tag subgroup of the <TABLE> group in the control file did not terminate

prematurely. Make sure the `string`, `start`, and `length` parameters are set correctly. A `%%RC` value of 3 indicates in the rule file that the LOOKUP table was missing or empty.

## PDR0728W

*Section*, *Line number*, *Column number*, *Function function*: The file specified (*filename*) is empty.

**What happened:** The file you specified in the *function* function call was empty. Nothing could be looked up. *Section* identifies the rule file that contains the errant function call. *filename* identifies the empty LOOKUP file.

**What to do:** Make sure you specify the correct LOOKUP file in the function call. Make sure the `string`, `start`, and `length` parameters are set correctly. A `%%RC` value of 3 indicates in the rule file that the LOOKUP file was missing or empty.

## PDR0729W

*Section*, *Line number*, *Column number*, *Function function*: There are insufficient buffers available to load file (*filename*).

**What happened:** There were insufficient file buffers available to load the LOOKUP file you specified. *Section* identifies the rule file that contains the errant function call. *filename* identifies the LOOKUP file.

**What to do:** Ensure the availability of file buffers using the `<MAXFILEBUFFERS>` tag in the `ENVIRONMENT` tag group.

## PDR0730S

*Section*, *Line number*, *Column number*, *Function function*: The maximum number of unique files has been exceeded.

**What happened:** You are trying to use more than 25 unique files in Enrichment function calls. *Section* identifies the rule file that contains the function call that used the 26th file. *function* identifies the function call.

**What to do:** Decrease the number of unique files you are using to 25 or less. You may need to break your Enrichment job into multiple runs.

## PDR0731S

*Section, Line number, Column number, Function function, Argument argument.* Invalid value (*value*).

**What happened:** You specified an invalid argument for a function call. *Section* identifies the rule file that contains the errant function call. *function* identifies the function call and *argument* identifies the argument for which *value* is invalid.

**What to do:** Correct the argument in the function call.

## PDR0732W

*Section, Line number, Column number, Function function:* Unable to open the file (*filename*).  
C Error Number: *number*. Error text: *text*.

**What happened:** You specified a function that has a specific filename as one of its arguments. Enrichment is unable to open the named file. *Section* identifies the rule file that contains the errant function call. *function* identifies the function call for which Enrichment could not open the file identified by *filename*. *number* and *text* indicate the error generated when Enrichment tried to open the file.

**What to do:** Check the indicated file to make sure it exists and is correctly defined. Also, make sure you have read or write access, as necessary, to the named file. A %%RC value of 3 in the rule file indicates that the LOOKUP file is empty or missing.

## PDR0733S

*Section, Line number, Column number, Function function:* A file (*filename*) is being used improperly. The file can be used only for one type of operation.

**What happened:** You tried to use the same file in more than one function call, or you tried to change the search key for a lookup file. *Section* identifies the rule file that contains the errant function call. *function* identifies the function call and *filename* identifies the file that is used twice.

**What to do:** Make sure you are not using the same file for more than one type of function call. If necessary, copy the file to a different name and use that file name for the second function call.

## PDR0734W

*Section*, *Line number*, *Column number*, *Function function*: Unable to open the file (*filename*).  
C Error Number: *number*. Error text: *text*. VSAM Error: *number2*, R15 (hex): *RC*, VSAM reason code (hex): *code*.

**What happened:** A system error occurred when reading from or updating the KSDS VSAM file for function call *function* in rule file *Section*. *filename* identifies the errant VSAM file. The error information is given.

**What to do:** Check the indicated file to make sure it exists and is correctly defined. Also, make sure you have read or write access, as necessary, to the named file. A %%RC value of 3 in the rule file indicates that the LOOKUP file is empty or missing.

## PDR0735S

*Section*, *Line number*, *Column number*, *Function function*: Attempting to update a file (*filename*) that has not been used in a LOOKUP operation or is a lookup table.

**What happened:** You tried to use the UPDATE function and either the filename had not been used before in a LOOKUP function or it was a lookup table rather than an external file. *Section* identifies the rule file that contains the errant function call. *function* identifies the function call and *filename* identifies the file that is being referenced.

**What to do:** Make sure you call LOOKUP on the file before attempting to perform an UPDATE function.

## PDR0736W

Unable to open the file (*filename*) to save changes made through the UPDATE rule function.  
C Error Number: *number*. Error text: *text*.

**What happened:** During your rule file processing you performed UPDATE functions on a lookup file. At the end of your Enrichment run, Enrichment rewrites the lookup file with your changes. Enrichment is unable to open the named file identified by *filename*. *number* and *text* indicate the error generated when Enrichment tried to open the file.

**What to do:** Check the indicated file to make sure it exists and is defined correctly. Also, make sure you have write access to the named file.

## PDR0737W

Error writing to file (*filename*) while saving changes made through the UPDATE rule function. Only able to output *number of number* characters.

**What happened:** During your rule file processing you performed UPDATE functions on a lookup file. At the end of your Enrichment run, Enrichment rewrites the lookup file with your changes. Enrichment encountered an error while writing this file back out as indicated by an incomplete byte count. The file is identified by *filename*. *number* and *number* indicate the number of characters actually output versus attempted.

**What to do:** Check the indicated file to make sure it exists and is defined correctly. Also, make sure you have write access to the named file.

## PDR0738S

*Section*, *Line number*, *Column number*: Index is specified as a string (*index*).

**What happened:** The index to an array was specified as a string. An index must be numeric or a variable set to a numeric value. The value of the incorrect index is shown.

**What to do:** Change the index to a variable or a constant numeric value.

## PDR0739I

Connection to *dataSourceName* was successful.

**What happened:** Enrichment successfully connected to a DSN specified in an <RDB> tag.

**What to do:** This message requires no further action.

## PDR0740S

Connection to *dataSourceName* failed with SQLState: *sqlState* SQL Server Error: *errorMessage*.

**What happened:** Enrichment failed to connect to the specified DSN. The ODBC driver returned the specified SQL state and error message.

**What to do:** Ensure that the DSN is specified correctly, and you have appropriate permissions to access it.

## PDR0741S

Invalid SQL select query. Query must begin with SELECT.

**What happened:** You specified an SQL query on an <SQL> tag that did not begin with SELECT . Only SELECT queries are allowed on <SQL> tags.

**What to do:** Specify an SQL query beginning with SELECT.

## PDR0742S

SQL select query failed with SQLState: *sqlState* SQL Server Error: *errorMessage*.

**What happened:** An SQL select query failed with the given return information.

**What to do:** Resolve the described error or contact your database administrator for assistance.

## PDR0743S

Invalid <DELIMIT> value (*delimiter*). Delimiter must be a single character.

**What happened:** You did not specify a valid value for the <DELIMIT> tag; *delimiter* indicates the invalid delimiter.

**What to do:** Specify a single character (a number, letter, special character, or a blank space) for the delimiter.

## PDR0744W

Unable to open the file (*filename*) to save Table made through the <SQL> tag. C Error Number: *number*. Error text: *text*.

**What happened:** You specified a file with <SQLOUTFILE>. At the end of your Enrichment run, Enrichment writes the output file based on the query. Enrichment is unable to open the

named file identified by *filename*; *number* and *text* indicate the error generated when Enrichment tried to open the file.

**What to do:** Ensure that you have write access to the directory in which you are running Enrichment.

## PDR0745S

<SQL> tag cannot be specified without an <RDB> tag.

**What happened:** You specified an <SQL> tag without a corresponding <RDB> tag.

**What to do:** Specify an <RDB> tag to establish a connection to an appropriate database.

## PDR0746S

<SQL> tag found in a group that contains a <CONTENT> tag. This is not supported.

**What happened:** The control file contains both an <SQL> tag and a Content group within the same group.

**What to do:** Remove either the <SQL> tag or the Content group from the control file.

## PDR0812W

*Section*, *Line number*, *Column number*: Invalid numeric data (*value*).

**What happened:** A non-numeric value was encountered where a number is required.

**What to do:** Change the logic of your rule file to assure that only a numeric value will be derived.

## PDR0880S

Address field variable *name* has an action of RP. This is not supported.

**What happened:** You specified a Field in an Address group <LINE> tag that has an action of RP. You cannot use page-occurrence fields in Address group <LINE> tags.

**What to do:** Either change the field action to RA or R or create a second set of fields for the Address group that do not use an RP action.

## PDR0899S

*Section, Line number, Column number:* Internal system error. Unknown function index *index* on execution. Contact Technical Support.

**What happened:** You specified a function call that Enrichment did not recognize. *index* identifies the errant function call.

**What to do:** Make sure the function call is correctly specified. If it is spelled correctly, contact Technical Support.

## PDR0999W

For field *fieldname*, you have specified the <LOCATI ON> tag *method* parameter as RECORD and the *overprint* parameter value greater than 1. The overprint parameter is ignored.

**What happened:** An overpri nt value greater than 1 is only valid when the method parameter is set to LI NE, and you specified the method parameter as RECORD. Enrichment ignored the overpri nt value.

**What to do:** Don't specify the method parameter as RECORD when the overpri nt value is greater than 1.

## PDR1000W

The Input group <NAME> tag value *name* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified a *name* value of more than 50 characters in length for the <NAME> tag. Enrichment only recognizes names up to 50 characters in length. *name* indicates the incorrect value. Enrichment used the first 50 characters of the *name* value you specified. Enrichment ignored the extra characters.

**What to do:** Make sure you only use a 50-character *name* value for the Input group <NAME> tag.



## PDR1001S

The Input group <NAME> tag value *name* has already been defined.

**What happened:** You used the same *name* value for more than one Input group <NAME> tag. *name* indicates the repeated value.

**What to do:** Assign a unique <NAME> tag *name* value to each Input group.

## PDR1002S

Invalid Input group <TYPE> tag value *type*. Value must be AFPDS, IMPACT, DJDE, AFPLINE, AFPMIXED, PCL, METACODE, METACODEF or POSTSCRIPT.

**What happened:** You specified a value other than AFPDS, IMPACT, DJDE, AFPLINE, AFPMIXED, PCL, METACODE, METACODEF or POSTSCRIPT for the Input group <TYPE> tag type parameter. The invalid type value is given.

**What to do:** Specify AFPDS if the input is an AFPDS print stream; specify IMPACT if the input is a line-printer print stream; specify DJDE if the input is a Xerox DJDE line-data print stream; specify AFPLINE if the input contains no AFP records and uses both a PAGEDEF and a FORMDEF to print; specify AFPMIXED if the input contains some AFP records and uses both a PAGEDEF and a FORMDEF to print; specify PCL if the input contains PCL commands or ASCII form feeds (X'0C'); specify METACODE if the input is a Xerox Metacode print stream; specify METACODEF if the input is a Xerox Metacode print stream and the second byte in the Metacode record is the font or specify POSTSCRIPT if the input is a PostScript print stream.

## PDR1003S

The Input group <PAGEFORMAT> tag *pageformat* value is more than 8 characters in length.

**What happened:** You specified a <PAGEFORMAT> tag *pageformat* value that was more than 8 characters in length. *pageformat* indicates the invalid value.

**What to do:** Get the correct page format name from the PAGEDEF you are using. A single PAGEDEF should specify all of the page formats used for one output file.

## PDR1004S

The Input group <COPYGROUP> tag *copygroup* value is more than 8 characters in length.

**What happened:** You specified a <COPYGROUP> tag copygroup value that was more than 8 characters in length. copygroup indicates the invalid value.

**What to do:** Get the correct copy group name from the FORMDEF you are using. A single FORMDEF should specify all of the copy groups used for one output file.

## PDR1005W

The Field group <FI ELD> tag value *fieldname* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified a fi el dname value of more than 50 characters in length for the <FI ELD> tag. Enrichment only recognizes field names up to 50 characters in length. Enrichment used the first 50 characters of the fi el dname value you specified.

**What to do:** Make sure you only use a 50-character fi el dname value for the Field group <FI ELD> tag.

## PDR1006S

Invalid <I O> tag *location* value. <I O> must be MEMORY, HIPERSPACE, DISK, TRANSFER, NONE, or OPTIMUM.

**What happened:** You specified a value other than MEMORY, HI PERSPACE, DI SK, TRANSFER, NONE, or OPTI MUM for the Insertpage group <I O> tag. The invalid *location* value is given.

**What to do:** Specify MEMORY if your file is small and can be stored completely in memory and you do not have many different inserts. Specify HI PERSPACE if your job is too large for memory, but not over your system maximum Hiperspace size. Specify DI SK if your input file is very large and you want to store it in a temporary VSAM disk file. Specify NONE if each insert you will add is unique and you do not need to store the insert for later use. Specify OPTI MUM to let Enrichment switch as it needs more room. For OPTI MUM, Enrichment starts in memory and moves to Hiperspace if memory fills up. If Hiperspace fills up, Enrichment switches to disk. Specify TRANSFER to let Enrichment transfer between Hiperspace and disk, without using memory. You should probably always use OPTI MUM for your <I O> tag *location* value, unless you have a large number of unique inserts, in which case you should use <I O> None.

## PDR1007S

ID string, start offset, and length not provided for <FI ELD> fi el dname.

**What happened:** You provided a `fieldname` value for the Field group `<FIELD>` tag, but you did not tell Enrichment where to find the field information. `fieldname` identifies the errant Field group.

**What to do:** As necessary, specify a `cc`, `string`, and `start` value for the Field group `<REFERENCE>` tag and a `row`, `column`, and `length` value for the Field group `<LOCATION>` tag.

## PDR1008S

The Field group `<REFERENCE>` tag carriage control value `cc` for `<FIELD>` *fieldname* is invalid. It must not be `x'00'` and it must be at least one character in length.

**What happened:** You did not specify a valid value for the `<REFERENCE>` tag `cc` parameter. `fieldname` identifies the errant Field group, and `cc` indicates the invalid carriage control.

**What to do:** Specify a single character (a number, a letter, a special character, or a blank space) for the carriage control.

## PDR1009S

The `<LOCATION>` tag `row` or `column` value `row/column` for `<FIELD>` *fieldname* is not numeric.

**What happened:** You specified a non-numeric value for the `<LOCATION>` tag `row` or `column` parameter. `fieldname` identifies the errant Field group and `row/column` indicates the invalid value.

**What to do:** Specify numeric values for the Field group `<LOCATION>` tag `row` and `column` parameters.

## PDR1010S

The Field group `<LOCATION>` tag `length` value `length` for `<FIELD>` *fieldname* is not numeric or is invalid.

**What happened:** You specified a non-numeric or invalid value for the `<LOCATION>` tag `length` parameter. `fieldname` identifies the errant Field group and `length` indicates the invalid `length` value.

**What to do:** Specify a positive numeric value for the Field group `<LOCATION>` tag `length` parameter.

## PDR1011W

The <TOP> tag *fieldname* is more than 50 characters. It is truncated to 50 characters.

**What happened:** You specified a *fieldname* value over 50 characters in length for the <TOP> tag. The incorrect *fieldname* value is given. Enrichment only used the first 50 characters of the *fieldname* value you specified and ignored the extra characters.

**What to do:** Use a *fieldname* value you defined with a Field group. A *fieldname* value cannot be more than 50 characters in length.

## PDR1012S

Invalid <SUBSTITUTE> tag *value* value. <SUBSTITUTE> value must be either YES or NO.

**What happened:** You specified a value other than YES or NO for the Input, Insertpage or Insertrec group <SUBSTITUTE> tag. The invalid value is given.

**What to do:** Specify YES if you want variables substituted in the input. Specify NO if the input does not contain variables, or if you want to see the variable name instead of its value in the output.

## PDR1013S

Invalid <LAYOUT> tag *presentation* value. <LAYOUT> must be PORTRAIT, LANDSCAPE, or NONE.

**What happened:** You specified a value other than PORTRAIT, LANDSCAPE, or NONE for the Input or Insertpage group <LAYOUT> tag. The invalid presentation value is given.

**What to do:** The <LAYOUT> tag presentation value should correspond to the layout attribute set in the FORMDEF or copy group used to print your output. This lets Enrichment know where to place the barcode on each specified printed page. If you want to print the output with multiple FORMDEFs with different layouts, specify <LAYOUT> NONE.

## PDR1014S

Invalid Input, Insertpage, or Insertrec group <TYPE> tag carriage control value *code*. *code* must be ANSI, MACHINE, or NONE.

**What happened:** You specified a value other than ANSI, MACHINE, or NONE for the Input, Insertpage, or Insertrec group <TYPE> tag code parameter. The invalid code value is given.

**What to do:** Specify ANSI if data contains ANSI carriage controls in column 1; specify MACHINE if data contains Machine carriage controls in column 1; or specify NONE if data contains neither ANSI nor Machine carriage controls in column 1.

## PDR1015S

Invalid <DENSITY> tag *density* value. <DENSITY> must be either LOW or HIGH or a number in the range of 100 to 3000.

**What happened:** You specified a value other than LOW or HIGH or a number outside the valid range (100 to 3000) for the Input or Insertpage group <DENSITY> tag. The invalid density value is given.

**What to do:** Specify a numeric value in the range 100 to 3000 to set a specific density; specify LOW to use an output density of 240 dots per inch (dpi); or specify HIGH to use an output density of 1440 dpi.

## PDR1016S

Invalid <I/O> tag *location* value. <I/O> must be MEMORY, HIPERSPACE, DISK, TRANSFER, or OPTIMUM.

**What happened:** You specified a value other than MEMORY, HIPERSPACE, DISK, TRANSFER, or OPTIMUM for the Input or Banner group <I/O> tag. The invalid location value is given.

**What to do:** Specify MEMORY if your input file is small and can be stored completely in REGION memory (up to 2 gigabytes of virtual memory). Specify HIPERSPACE if your job is too large for memory, but not over your system maximum Hiperspace size. Specify DISK if your input file is very large and you want to store it in a temporary VSAM disk file. Specify OPTIMUM to let Enrichment switch as it needs more room. For OPTIMUM, Enrichment starts in memory and moves to Hiperspace if memory fills up. If Hiperspace fills up, Enrichment switches to disk. Specify TRANSFER to let Enrichment transfer between Hiperspace and disk, without using memory. You should probably always use OPTIMUM for your <I/O> tag location value, unless you have a very large input file.

## PDR1017W

The <PAGE> tag *fieldname* is more than 50 characters. It is truncated to 50 characters.

**What happened:** You specified a field name value of more than 50 characters in length for the <PAGE> tag. The incorrect field name value is given. Enrichment only used the first 50 characters of the field name value you specified and ignored the extra characters.

**What to do:** Use a field name value you defined with a Field group. A field name value cannot be more than 50 characters in length.

## PDR1018S

Input, Insertpage, or Insertrec group <TYPE> tag carriage control value *carriage1* does not match type from previous file *carriage2*. You cannot use both ANSI and Machine carriage control settings in one control file.

**What happened:** You specified a <TYPE> tag carriage value that is different from that specified for a previous input or insert. Both the current carriage1 and the previous carriage2 values are given.

**What to do:** Specify ANSI if data contains ANSI carriage controls in column 1; specify MACHINE if data contains Machine carriage controls in column 1; or specify NONE if data contains neither ANSI nor Machine carriage controls in column 1. The carriage control type must be the same for all inputs and inserts.

## PDR1019S

Invalid Input group <SORTED> tag value *sortedYN*. <SORTED> must be either YES or NO.

**What happened:** You specified a value other than YES or NO for the <SORTED> tag. The invalid *sortedYN* is given. Enrichment ignored the <SORTED> tag.

**What to do:** Specify a <SORTED> tag value of YES if the input file is already sorted by the field you want to sort or match by. Specify NO if Enrichment is to sort the input.

## PDR1020S

The Input group <ESTDOCS> tag *number* value is not numeric.

**What happened:** You specified a value other than a number for the <ESTDOCS> tag. *number* indicates the invalid value.

**What to do:** Specify a numeric value between 1 and 2147483648 for the <ESTDOCS> tag number value.

## PDR1021S

Invalid hexadecimal or binary data encountered in string *string*.

**What happened:** You typed invalid hexadecimal or binary data for a Field group <REFERENCE> tag value or a rule constant value. The invalid string is given.

**What to do:** Correct the indicated string.

## PDR1022S

Invalid syntax in expression: *expression*.

**What happened:** You typed an invalid value for the expression given.

**What to do:** Correct the expression.

## PDR1023I

<ABOVETOP> is an obsolete tag.

**What happened:** Your control file contains an <ABOVETOP> tag. This tag is no longer supported. Enrichment ignored the tag.

**What to do:** Remove the <ABOVETOP> tag from your control file.

## PDR1024S

Invalid <DUPLEX> tag *duplexYNM* value. The value must be either YES or NO. (Or MIXED for Metacode input)

**What happened:** You specified a duplexYNM value other than YES or NO for the Input, Insertpage, or Output group <DUPLEX> tag, or MIXED for metacode input.

**What to do:** Type YES if the input, insert, or output file is duplex (printed on both sides of the page). Type NO if the input, insert, or output file is simplex (printed on one side of the page only). Type MIXED if the input is metacode and Enrichment is to track the status of the first page of each document.

## PDR1025S

The <TEMPDI SK> tag value *filename* is invalid.

**What happened:** You specified an incorrect temporary VSAM file in the Input or Insertpage group <TEMPDI SK> tag. The incorrect filename value is given.

**What to do:** Make sure the VSAM file has been defined and that you are using the correct name and location.

## PDR1026S

Input, Insertpage, or Insertrec group <TYPE> tag carriage control value *carriage* is not allowed for <TYPE> AFPDS. You can only specify NONE for the carriage control.

**What happened:** You specified a <TYPE> tag carriage control value that is not NONE for an AFPDS data stream.

**What to do:** Specify a <TYPE> tag carriage control parameter of NONE for AFPDS data streams.

## PDR1027S

Invalid <PAGESI ZE> value *value*. <PAGESI ZE> values must be in the range 0 to 24000 pels or equivalent.

**What happened:** You specified a pageX, pageY, physical X, or physical Y value for the Input or Insertpage group <PAGESI ZE> tag that was larger than 24000 pels or equivalent. The invalid *value* is given.

**What to do:** Correct the <PAGESI ZE> parameters so that they are within the range 0 to 24000 pels or equivalent.

## PDR1028S

Action *action* is not valid for <FIELD> *fieldname*. *action* must be K, R, D, X, P, KP, RP, DP, XP, PP, KA, RA, DA, XA, or PA.



**What happened:** You specified a `<FI ELD>` tag `act i on` value other than K, KA, KP, R, RA, RP, D, DA, DP, X, XA, XP, P, PA, or PP. The `<FI ELD>` tag `fi el dname` value and the invalid `act i on` value are given.

**What to do:** Specify K (keep first occurrence in each document), R (replace first occurrence in each document), D (delete first occurrence in each document), X (delete record of first occurrence in each document), P (delete page of first occurrence in each document), KP (keep first occurrence on each page), RP (replace first occurrence on each page), DP (delete first occurrence on each page), XP (delete record of first occurrence on each page), PP (delete page of each occurrence in each document), KA (keep all occurrences in each document), RA (replace all occurrences in each document), DA (delete all occurrences in each document), XA (delete records of all occurrences in each document), or PA (delete pages of all occurrences in each document).

## PDR1029S

The `strip` value for `<FI ELD>` `fieldname` is not valid. It must be B, L, R, or N.

**What happened:** You specified a `strip` value other than B, L, R, or N for a `<FI ELD>` tag. The `fi el dname` value of the errant `<FI ELD>` tag is given.

**What to do:** Specify BOTH to strip both leading and trailing blanks from the field value. Specify LEFT to strip trailing blanks from the field variable value. Specify RI GHT to strip leading blanks from the field variable value. Specify NONE to keep all blanks with the field variable value.

## PDR1030S

`<FI ELD>` `fieldname` has a Replace action but is not a field variable. Replace fields must have a name that starts with %% to indicate that they are variables.

**What happened:** You specified a `<FI ELD>` tag `act i on` value of R, RP, or RA, but did not specify that the field was a variable (`fi el dname` beginning with %%). The `<FI ELD>` tag `fi el dname` value is given.

**What to do:** Either change the `<FI ELD>` tag `act i on` value to K, D, X, P, KP, DP, XP, PP, KA, DA, XA, or XP; or change the `<FI ELD>` tag `fi el dname` value so that it begins with the characters %%.

## PDR1031S

`<FI ELD>` `fieldname` has both `<REFERENCE>` and `<FI ELDREF>` tags. Only one is allowed.

**What happened:** You specified a Field group that contains both a <REFERENCE> tag and a <FI ELDREF> tag. The <FI ELD> tag *fieldname* value is given.

**What to do:** If the Field group you are specifying references another field, remove the <REFERENCE> tag. Otherwise, remove the <FI ELDREF> tag.

## PDR1032S

<FI ELD> *fieldname* has neither a <REFERENCE> nor a <FI ELDREF> tag. One is required when using the <TARGET> tag. Neither is required when using the <LOCATI ON> tag.

**What happened:** You used the <TARGET> tag in a Field group but did not specify a reference point for the field. If you use the <TARGET> tag, the Field group must contain either a <REFERENCE> tag or a <FI ELDREF> tag. The <FI ELD> tag *fieldname* value is given.

**What to do:** If the Field group is to reference another Field group, add a <FI ELDREF> tag. Otherwise, add a <REFERENCE> tag to the Field group. Alternatively, you can update your control file to use the new <LOCATI ON> tag rather than the obsolete <TARGET> tag.

## PDR1033S

The <LOCATI ON> tag *row* value *row* for <FI ELD> *fieldname* is not numeric.

**What happened:** You specified a character other than a number for the <LOCATI ON> tag *row* parameter. The <FI ELD> tag *fieldname* value and the invalid <LOCATI ON> tag *row* value are given.

**What to do:** Set the <LOCATI ON> tag *row* parameter to a negative number if the target is above the reference point; to 0 if the target is on the same record as the reference point; or to a positive number if the target is below the reference point.

## PDR1034S

<FI ELD> *fieldname1* references <FI ELD> *fieldname2*, which does not exist.

**What happened:** You specified a Field group with a <FI ELDREF> tag that referenced a Field group not specified in the control file. The referencing <FI ELD> tag *fieldname1* and the nonexistent <FI ELD> tag *fieldname2* values are given.

**What to do:** Either create a Field group for the field referenced, or use a <REFERENCE> tag to select a reference point in the input file from which to target the field value.

## PDR1035W

Action for <FIELD> *fieldname* changed from *old* to *new*.

**What happened:** Enrichment changed the *action* parameter for <FIELD> *fieldname* from a first-occurrence action to an Always action. This happens when a field is used as a <DOCUMENT> or <PAGE> value. It also happens when a field references or is referenced by another field with an Always *action* value. The <FIELD> tag *fieldname*, *old action*, and *new action* values are given.

**What to do:** To keep Enrichment from changing the <FIELD> tag *action* parameter, do not use the field as a <DOCUMENT> or <PAGE> value and do not use it as the reference of any other fields with an Always *action* parameter.

## PDR1036S

<LOCATION> value *method* specifies LINES but <TYPE> has specified no carriage control.

**What happened:** The Input group <TYPE> tag *carriage* parameter is set to NONE, and the <LOCATION> method parameter is set to LINES. Since there are no standard carriage controls, Enrichment cannot identify the print lines.

**What to do:** If your input print stream contains standard carriage controls, specify a <TYPE> tag *carriage* parameter of ANSI or MACHINE. Otherwise, set the <LOCATION> tag *method* parameter to RECORDS.

## PDR1038S

The <REFERENCE> tag *column* value for <FIELD> *fieldname* is invalid.

**What happened:** You specified an invalid <REFERENCE> tag *column* value in a Field tag group. The <FIELD> tag *fieldname* value and the <REFERENCE> tag *column* value are given.

**What to do:** Use a positive integer for the <REFERENCE> tag *column* value.

## PDR1039W

Duplicate field name found. The field has already been defined.

**What happened:** The field is already defined earlier in the job.

**What to do:** Specify a different field name.

## PDR1040S

<CLEANSE> *cleanseYN* is invalid. It must be YES or NO.

**What happened:** You specified a *cleanseYN* value other than YES or NO for the <CLEANSE> tag. The invalid *cleanseYN* is given.

**What to do:** Specify YES if you are planning to perform postal cleansing with the CASS group. Specify NO if you are not performing postal cleansing with this control file.

## PDR1041S

To many Address group <LINE> tags specified.

**What happened:** You specified more than six <LINE> tags within the Address group. Available postal cleansing and presorting software permits only six lines of up to 70 characters each to be passed through the Address group. Enrichment ignored the extra <LINE> tags and values.

**What to do:** Remove all but six of the <LINE> tags from your Address group. Make sure the values of each field listed are less than or equal to 70 characters in length.

## PDR1042S

Missing value for <MSIZE> *value*.

**What happened:** The Mup group <MSIZE> tag was missing a required value. The missing value is given.

**What to do:** The <MSIZE> tag should have the following format:

<MSIZE> width maximum pageX pageY units

## PDR1043S

Invalid value for <MSIZE> *value*.

**What happened:** The Mup group <MSI ZE> tag contained an invalid value. The invalid value is given.

**What to do:** The <MSI ZE> tag should have the following format:

<MSI ZE> width maximum pageX pageY units

## PDR1044S

Invalid value for <MGRI D> channel parameter *cc*.

**What happened:** You specified an invalid *cc* value for the Mup group <MGRI D> tag. The invalid *cc* value is given.

**What to do:** Specify a *cc* value of *CC* if the input file contains carriage controls but not table reference characters (TRCs), *TRC* if the input file contains carriage controls and TRCs, or *NOCC* if the input file contains neither carriage controls nor TRCs.

## PDR1045S

Invalid value for <MGRI D> order parameter *order*.

**What happened:** You specified an order value other than *ROW* or *COLUMN* for the Mup group <MGRI D> tag. The invalid order value is given.

**What to do:** Specify an order value of *ROW* if your multiple-up pages are positioned so that logical page 2 follows logical page 1 horizontally on the physical page. Specify *COLUMN* if your multiple-up pages are positioned so that logical page 2 follows logical page 1 vertically on the physical page.

## PDR1046S

Invalid value for <MGRI D> across or down parameter *value*.

**What happened:** You specified a non-numeric value for the Mup group <MGRI D> tag across or down parameter. The invalid value is given.

**What to do:** Specify the number of logical pages that fit horizontally on the physical page for the across parameter. Specify the number of logical pages that fit vertically on the physical page for the down parameter.

## PDR1047S

<MGRI D> *value* is missing an across or down parameter.

**What happened:** Either the across or the down parameter is missing from the Mup group <MGRI D> tag.

**What to do:** Specify the number of logical pages that fit horizontally on the physical page for the across parameter. Specify the number of logical pages that fit vertically on the physical page for the down parameter.

## PDR1048S

<MTRC> tag is not allowed for file *name*.

**What happened:** You specified a Mup group <MTRC> tag for an input file that did not have an <MGRI D> tag channel *value* of TRC. *name* indicates the <NAME> tag name value of the input file.

**What to do:** Remove the <MTRC> tag from the control file or change the <MGRI D> tag channel *value* to TRC.

## PDR1049S

Invalid <MTRC> tag *value*.

**What happened:** The Mup group <MTRC> tag was either incomplete or contained an invalid value. The invalid *value* is given.

**What to do:** Make sure each <MTRC> tag follows the format:

```
<MTRC> ol d new wi dth
```

The <MTRC> tag ol d and new parameters are required and their values must be in the range 0 to 3. If used, the wi dth value must be a positive integer.

## PDR1050S

No <NAME> tag defined within the Reprint tag group definition.

(Reprint only)

**What happened:** You did not specify a <NAME> tag and name value for the Reprint group.

**What to do:** Specify the name of the Reprint group in the <NAME> tag name parameter. The name value can be a maximum of 50 characters in length.

## PDR1050S

No <NAME> tag defined within the Input tag group definition.

**What happened:** You did not specify a <NAME> tag and name value for the Input group.

**What to do:** Specify the name of the Input group in the <NAME> tag name parameter. The name value can be a maximum of 50 characters in length.

## PDR1051S

No <FILE> tag defined within the Reprint group definition.

(Reprint only)

**What happened:** You did not provide a <FILE> tag or file name value for the Reprint group.

**What to do:** Specify the location of the file associated with the Reprint group in the <FILE> tag file name parameter. The file name value can use any valid file specification method.

## PDR1051S

No <FILE> or <CONTENT> tag defined for Input group *name*.

**What happened:** You did not provide a <FILE> or <CONTENT> tag for the *name* Input group.

**What to do:** Specify the location of the file associated with the Input group in the <FILE> tag file name parameter. The file name value can use any valid file specification method.

## PDR1052S

The <TOP> name *fieldname* has not been defined by a <FI ELD>.

**What happened:** You specified a *fieldname* for the <TOP> tag that you did not define with a Field group. The undefined *fieldname* is given.

**What to do:** Use the Field group to define the *fieldname* you want to use as the <TOP> tag value; or change the <TOP> *fieldname* to name a field that you have already defined.

## PDR1053S

The <PAGE> name *fieldname* has not been defined by a <FI ELD>.

**What happened:** You specified a *fieldname* for the <PAGE> tag that you did not define with a Field group. The undefined *fieldname* is given.

**What to do:** Use the Field group to define a field with the name you want to use as the <PAGE> tag value; or change the <PAGE> *fieldname* to name a field that you have already defined.

## PDR1054S

Invalid Input group <TYPE> tag Character Set value *charset*. *charset* must be ASCII, EBCDIC, or UTF16.

**What happened:** You specified a value other than ASCII, EBCDIC, and UTF16 for the Input group <TYPE> tag *charset* parameter. The invalid *charset* value is given.

**What to do:** Specify ASCII if AFP PTX record text contains ASCII data; or specify EBCDIC if AFP PTX record text contains EBCDIC data (the default). Specify UTF-16 if AFP PTX record text is encoded with UTF-16 character encoding.

## PDR1055S

The <TARGET> tag column value cannot be zero for <FI ELD> *fieldname* unless the line value is also zero.

**What happened:** You specified a value of zero for the <TARGET> tag column parameter but the line parameter was not zero. The <FI ELD> name *fieldname* is given.



**What to do:** Set the <TARGET> tag col umn parameter to the actual column number (greater than zero) if the target is not on the same record as the reference.

## PDR1056S

An unknown symbol was encountered in string %%var1%%.

**What happened:** You typed an unknown symbol for a tag value. The invalid %%var1%% is given.

**What to do:** Correct the indicated string.

## PDR1057W

A length greater than 65534 was specified for field *fieldname*.

**What happened:** You specified a field length greater than 65534. This can produce incorrect results with all-at-a-time processing.

**What to do:** If possible, split the field into two or more fields.

## PDR1058S

The variable *fieldname* was specified for <LPCLI STKEY> but was not defined in all <I NPUT>s.

**What happened:** You specified a *fieldname* for the <LPCLI STKEY> tag but did not define the field variable for each Input group. The undefined *fieldname* is given.

**What to do:** Use the Field group to define the *fieldname* value you want to use as the <LPCLI STKEY> tag value for each Input group in the control file.

## PDR1059S

The Input group did not contain a specification for <FI ELD> *fieldname* used by the <LPCLI STKEY> tag but one was required.

**What happened:** You specified a *fieldname* value for the CASS group <LPCLI STKEY> tag but did not define the field in all Input groups. The undefined *fieldname* is given.

**What to do:** Use the Field group in each Input group in the control file to define the *fieldname* to use as the <LPCLI STKEY> tag value.

## PDR1060S

<JES> tag found in a group that contains a <CONTENT> tag. This is not supported.

**What happened:** The control file contains both a <JES> tag and a Content group within the same group.

**What to do:** Remove either the <JES> tag or the Content group from the control file.

## PDR1061S

<FI LE> tag found in a group that contains a <CONTENT> tag. This is not supported.

**What happened:** The control file contains both a <FI LE> tag and a Content group within the same group.

**What to do:** Remove either the <FI LE> tag or the Content group from the control file.

## PDR1062S

<JES> tag found in a group that contains a <FI LE> tag. This is not supported.

**What happened:** The control file contains both a <FI LE> tag and a <JES> tag within the same group.

**What to do:** Remove either the <FI LE> tag or the <JES> tag from the control file.

## PDR1063S

<CONTENT> tag found in a group that contains a <FI LE> tag. This is not supported.

**What happened:** The control file contains both a <FILE> tag and a Content group within the same group.

**What to do:** Remove either the <FILE> tag or the Content group from the control file.

## PDR1064S

<FILE> tag found in a group that contains a <JES> tag. This is not supported.

**What happened:** The control file contains both a <FILE> tag and a <JES> tag within the same group.

**What to do:** Remove either the <FILE> tag or the <JES> tag from the control file.

## PDR1065S

<CONTENT> tag found in a group that contains a <JES> tag. This is not supported.

**What happened:** The control file contains both a <JES> tag and a Content group within the same group.

**What to do:** Remove either the <JES> tag or the Content group from the control file.

## PDR1066S

<CONTENT> tag found in a group that contains a <HEADERFILE> tag. This is not supported.

**What happened:** An Output group contains both a <HEADERFILE> tag and a Content group.

**What to do:** Remove either the <HEADERFILE> tag or the Content group from the Output group.

## PDR1067W

Fields used to place inserts must be K, D, or X, not R or P. Action of <FIELD> *fieldname* in input *name* changed from *old action* to *new action*.

**What happened:** The action parameter for <FIELD> *fieldname* in input *name* changed from a Replace or Page to Keep because this field is a placeholder for an Insertpage or Insertrec group. Fields that are also insert placeholders cannot be R, RP, RA, P, PP, or PA.

**What to do:** Define another field at the same location as the field being used as an insert placeholder to replace data in that location.

## PDR1068S

At least one Reprint group is required.

**What happened:** You did not define a Reprint group in the control file.

**What to do:** Add a Reprint group to your control file. The Reprint group must include a <NAME> tag and one or more <FILE> tags. If the specified input files are line data, the Reprint group must also include a <TYPE> tag set to LINE.

## PDR1069S

Multiple Reprint groups encountered. Only one is allowed.

**What happened:** You defined more than one Reprint group in your Reprint control file. Reprint ignores each extra Reprint group.

**What to do:** Remove all but one of the Reprint groups from your Reprint control file.

## PDR1070W

Density may not be changed.

**What happened:** You specified multiple inputs or inserts in a single control file and set at least two different densities among them. Enrichment uses the last <DENSITY> tag setting encountered in the control file.

**What to do:** Make sure all Input and Insertpage group <DENSITY> tags in the control file are set or allowed to default to the same value.

## PDR1071S

Invalid <DUPLEX> tag start parameter *startYN*. Must be FRONT, BACK, or ALWAYS.

**What happened:** You specified an Input or Insertpage group <DUPLEX> tag *startYN* value other than FRONT, BACK, or ALWAYS. The invalid *startYN* value is given.

**What to do:** Specify FRONT to print the input document only if it starts on the front of a sheet of paper; specify BACK to print the input document only if starts on the back of a sheet of paper; or specify ALWAYS to print the input document whether it starts on the front or back of a sheet of paper.

## PDR1072S

Only one <TOP> or <BOTTOM> tag can be specified.

**What happened:** You specified more than one <TOP> or <BOTTOM> tag in the Input group or you also used a <DOCUMENT> tag.

**What to do:** Use the <DOCUMENT> tag if you need to specify multiple document conditions.

## PDR1073W

The <BOTTOM> name *name* is more than 50 characters. It is truncated to 50 characters.

**What happened:** You specified a *name* value over 50 characters in length for the <BOTTOM> tag. Enrichment only uses the first 50 characters of the *name* you specified. The incorrect *name* value is given. Enrichment ignored the extra characters.

**What to do:** Use a name you defined with a Field group for the <BOTTOM> tag *name* value. A name cannot be more than 50 characters in length.

## PDR1074S

The <BOTTOM> name *name* has not been defined by a <FIELD>.

**What happened:** You specified a value for the <BOTTOM> tag that you did not define with a Field group. The undefined *name* value is given.

**What to do:** Use a Field group to define the *name* you want to use as the <BOTTOM> tag value; or change the <BOTTOM> tag *name* value to one that you have already defined.

## PDR1075S

<REPLACE> *fieldname* tag contains invalid value for justify parameter *justify*.

**What happened:** You specified a value other than L or R for the Field group <REPLACE> tag justify parameter. The *fieldname* of the field and the invalid *justify* value are given.

**What to do:** Specify a <REPLACE> tag justify value of L to left-justify the replaced field value or specify R to right-justify the replaced field value.

## PDR1076S

<REPLACE> tag in field *fieldname* contains invalid value for pad character (*pad*).

**What happened:** You specified a value other than zero (0) or a space ( ' ' ) for the Field group <REPLACE> tag pad parameter. The *fieldname* of the field and the invalid *pad* value are given.

**What to do:** Specify a <REPLACE> tag pad value of 0 to pad the replaced field value with zeroes. Specify ' ' to pad the replaced field value with blanks.

## PDR1077S

Non-numeric value *records* for <HEADER> number of lines.

**What happened:** You specified a non-numeric value for the <HEADER> tag records value. The invalid *records* value is given.

**What to do:** Specify a numeric value for the <HEADER> tag records parameter to indicate the number of records at the top of the input to ignore during Enrichment processing.

## PDR1078S

Invalid <HEADER> keep value *keepYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the <HEADER> tag *keepYN* parameter. The invalid *keepYN* is given.

**What to do:** Specify a <HEADER> tag *keepYN* value of YES to keep the header lines in the output files. Specify NO to exclude the header lines from the output files.

## PDR1079S

Invalid <SKI PCOL> *keep* value *keepYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the <SKI PCOL> tag *keepYN* parameter. The invalid *keepYN* value is given.

**What to do:** Specify a <SKI PCOL> tag *keepYN* value of YES to keep the skipped columns with the output files. Specify NO to exclude the skipped columns from the output files.

## PDR1080S

<SKI PCOL> is missing a columns parameter.

**What happened:** You specified no columns parameter on the <SKI PCOL> tag.

**What to do:** In the <SKI PCOL> tag columns parameter, specify the number of contiguous columns on the left side of *each* record in the print stream that Enrichment should ignore when reading the input file. The columns value you specify must be a positive integer.

## PDR1081S

Invalid <SKI PCOL> columns parameter *columns*. Value must be a positive integer.

**What happened:** You specified a non-numeric or negative value for the <SKI PCOL> tag columns parameter. The invalid *columns* value is given.

**What to do:** In the <SKI PCOL> tag columns parameter, specify the number of contiguous columns on the left side of *each* record in the print stream that Enrichment should ignore when reading the input file. The columns value you specify must be a positive integer.

## PDR1082S

Invalid <SKI PCOL> how value *how*. Must be COPY, TEXT, or ALL.

**What happened:** You specified a value other than COPY, TEXT, or ALL for the <SKI PCOL> tag how parameter. The invalid *how* value is given.

**What to do:** Specify a <SKI PCOL> tag how value of COPY to copy data from the previous record's skipped columns to records added during processing. If no record precedes the added record, Enrichment uses the <SKI PCOL> tag data value to fill the columns. Specify TEXT to use the data value to fill the columns on added records. Specify ALL to use the data value to fill the columns on *all* records in each output print stream. If you do not specify a data value and you did not set the how parameter to COPY, Enrichment fills the columns with a number of blanks equal to the <SKI PCOL> tag columns value.

## PDR1083S

Incompatible <SKI PCOL> parameters: *keepYN*. The <SKI PCOL> value must be YES since you specified a how value of COPY, TEXT, or ALL. Enrichment changed the <SKI PCOL> value to YES.

**What happened:** You set the <SKI PCOL> tag *keepYN* parameter to NO but you also specified a how value. The incompatible *keepYN* is given. You must set the *keepYN* parameter to YES if you specified a how value.

**What to do:** Change the <SKI PCOL> tag *keepYN* parameter to YES or remove the how parameter from the tag.

## PDR1084S

Invalid <COUNTPAGES> tag value: *countYN*. Must be Y(ES) or N(O).

**What happened:** You specified a value other than YES or NO for the <COUNTPAGES> tag. *countYN* indicates the invalid value.

**What to do:** Change the <COUNTPAGES> tag value to YES or NO.

## PDR1086S

Invalid <TRAILER> value: *keepYN*. Must be YES or NO.



**What happened:** You specified a value other than YES or NO for the <TRAILER> tag keepYN parameter. *keepYN* indicates the invalid value.

**What to do:** Specify a <TRAILER> tag value parameter of YES to keep the trailer information, copying it to the bottom of each output stream. Specify NO to exclude the trailer information from the output files.

## PDR1087S

<OUTTOP> must specify a record number and the record contents.

**What happened:** You specified a Reprint group <OUTTOP> tag without the correct parameters.

**What to do:** Make sure the <OUTTOP> tag is followed by the records value and the text value. The records parameter is an integer greater than 0 that indicates the number of records after which Enrichment is to add a record that indicates top of document. The text parameter is the string to insert at the records position.

## PDR1088S

Invalid <SEQUENTIAL> parameter *sequentialYN*. The <SEQUENTIAL> parameter must be YES or NO.

**What happened:** You specified a value other than YES or NO for the Reprint group <SEQUENTIAL> tag. The invalid *sequentialYN* is given.

**What to do:** Specify YES if your Reprint files must be sequentially loaded one-at-a-time on a tape drive; specify NO if you can load multiple files on multiple tape drives at the same time.

## PDR1089S

Invalid <INSERTPAGE> <PLACE> *position*. Position must be BEFORE or AFTER.

**What happened:** You specified a value other than B(EFORE) or A(FTER) for the Insertpage <PLACE> tag.

**What to do:** Specify a <PLACE> value of B(EFORE) or A(FTER).

## PDR1090S

Invalid <INSERTREC> <PLACE> *position*. Position must be BEFORE, AFTER, or WITHIN.

**What happened:** You specified a value other than B(EFORE), A(FTER), or W(I THIN) for the Insertrec <PLACE> tag.

**What to do:** Specify a <PLACE> value of B(EFORE), A(FTER), or W(I THIN).

## PDR1091S

Invalid <REORDER> number value *number*. Value must be numeric and positive.

**What happened:** You specified a non-numeric or negative value for the number parameter of the Input group <REORDER> tag. The invalid *number* value is given.

**What to do:** If the <REORDER> tag order parameter is set to TOP, set number to the number of pages you want moved from the top to the bottom of each document in the output. If order is set to BOTTOM, set number to the number of pages you want moved from the bottom to the top of each document in the output.

## PDR1092W

Invalid <IDVAR> *varname* value. Value is too long.

**What happened:** You specified a varname value for the Reprint group <IDVAR> tag that is greater than 50 characters in length. The invalid *varname* value is given. Enrichment truncates the name at 50 characters.

**What to do:** Make sure the <IDVAR> tag varname value is no more than 50 characters in length.

## PDR1093W

<IDVAR> was not specified, so <IDVAR> value *varname* can not be specified on the <FILE> list. It is ignored.

**What happened:** You specified an ID parameter on each Reprint group <FILE> tag, but did not specify an <IDVAR> tag in the Reprint group. *varname* indicates the unspecified <IDVAR> tag value. Enrichment ignores the <FILE> tag ID values.

**What to do:** Either specify an <I DVAR> tag in the Reprint group or remove any I D values from the <FILE> tags in the Reprint group.

## PDR1094W

<I DVAR> *varname* was not specified as a variable.

**What happened:** You specified a value for the Reprint group <I DVAR> tag that did not begin with the characters %%. The invalid *varname* is given.

**What to do:** Make sure the <I DVAR> tag *varname* value is a variable name that matches one defined by a <VAR> tag in the Index group.

## PDR1095W

<PAGESI ZE> defaults set to total of <MGRI D> pages: PageX & PhyPageX set to *pageX*. PageY & PhyPageY set to *pageY*.

**What happened:** You specified that your input was multiple up, but did not specify a <PAGESI ZE> tag in your Input group. Enrichment calculates your physical page size and printable area by multiplying the number of multiple-up rows by the Mup group <MSI ZE> tag *pageX* parameter to get the *X* dimension; similarly by multiplying the number of multiple-up columns by the *pageY* parameter to get the *Y* dimension. The new *pageX* and *pageY* values are given.

**What to do:** If you want to specify a page size that is larger or smaller than the size of the total number of logical pages on a page side, add a <PAGESI ZE> tag to your Input group.

## PDR1096W

<PAGESI ZE> defaults for <INPUT> *name* set to maximum total of output <MGRI D> pages: PageX & PhyPageX set to *pageX*. PageY & PhyPageY set to *pageY*.

**What happened:** You specified that your output was multiple up, but did not specify a <PAGESI ZE> tag in your Input groups. Enrichment calculates your physical page size and printable area by multiplying the number of multiple-up rows by the Mup group <MSI ZE> tag *pageX* parameter to get the *X* dimension; similarly by multiplying the number of multiple-up columns by the *pageY* parameter to get the *Y* dimension. The new *pageX* and *pageY* values, as well as the Input group <NAME> tag name value of the input for which they are reset are given.

**What to do:** If you want to specify a page size that is larger or smaller than the size of the total number of logical pages on a page side, add a <PAGESIZE> tag to your Input groups.

## PDR1097S

Some inputs or inserts are <TYPE> METACODE while others are <TYPE> AFPDS. Enrichment can not combine these two print stream types.

**What happened:** You specified some inputs or inserts as <TYPE> METACODE and others as <TYPE> AFPDS. Enrichment can not intermix Metacode and AFPDS print streams.

**What to do:** Check the <TYPE> tag values for all inputs and inserts to make sure these print stream types are not mixed.

## PDR1099W

Some inputs or inserts are <TYPE> METACODE while others are <TYPE> AFPLINE or AFPMIXED. The AFP parts of the print streams must be removed to print the output on a Xerox printer.

**What happened:** You specified some inputs or inserts as <TYPE> METACODE while others are <TYPE> AFPLINE or AFPMIXED. To intermix these print streams and print them on a Xerox printer, you must remove all AFP structured field records.

**What to do:** Check the <TYPE> tag values for all inputs and inserts to insure Metacode and AFP line or AFP mixed data print streams are not mixed. To intermix these print streams and print them on a Xerox printer, you must remove all AFP structured field records.

## PDR1100S

Invalid <REORDER> value *order*. *order* must be REVERSE, TOP, BOTTOM, or IMPOSITION.

**What happened:** You specified a value other than REVERSE, TOP, BOTTOM, or IMPOSITION for the Input group <REORDER> tag *order* parameter. The invalid *order* value is given.

**What to do:** Specify a <REORDER> tag *order* value of REVERSE to reverse the order of all pages in each document. Specify TOP to move the first page of each document so that it becomes the last page of the document. Specify BOTTOM to move the last page of each document so that it becomes the first page of the document. Specify IMPOSITION to order the pages for 2-up duplex, adding up to three pages to achieve proper pagination for a booklet.



**What happened:** You specified a non-numeric character other than \* or a number less than 1 or greater than 2147483648 for the Output group <PAGERANGE> tag maximum parameter. The invalid *maximum* value is given.

**What to do:** Specify a number from 1 to 2147483648 or an \* for the <PAGERANGE> tag maximum value, or leave the maximum value blank. If you specify an \* or leave the value blank, Enrichment assumes a value of 2147483648 for the maximum parameter. The maximum value may not overlap a minimum value, and all <PAGERANGE> values (from 1 to 2147483648) must be covered.

## PDR1105S

Minimum <PAGERANGE> value *minimum* is greater than the maximum value *maximum*.

**What happened:** You specified an Output group <PAGERANGE> tag minimum value that was greater than the highest <PAGERANGE> tag maximum value. The *minimum* and *maximum* values are given.

**What to do:** Make sure each minimum value is less than the highest maximum value for the Output group, <PAGERANGE> values are sequential, one <PAGERANGE> does not overlap another, and all possible page ranges (from 1 to 2147483648) are covered.

## PDR1106S

<PRETYPE> *type* is invalid.

**What happened:** You specified a Presort group <PRETYPE> tag type value other than LPC, MAILSTREAMPLUS, SPECTRUM or NONE. The invalid *type* value is given.

**What to do:** Specify a <PRETYPE> tag type value of LPC to use Mailer's Choice to presort your input files. Specify MAILSTREAMPLUS to use MailStream Plus to presort your input files. MailStream Plus related system variables other than %%LPC\_INKJET will not be populated. Specify SPECTRUM to use Spectrum Services. Specify NONE to call another Presort program or to use a system sort program.

## PDR1107S

The <STEP> tag must include a program name.

**What happened:** No program value was specified on the Presort group <STEP> tag.

**What to do:** Make sure that every <STEP> tag includes a program value that specifies the name of a valid Presort or system sort program.

## PDR1108S

Invalid condition code *rc* supplied for <STEP> *program*.

**What happened:** An invalid *rc* value was specified on the Presort group <STEP> tag. The *program* value of the <STEP> tag that contains the invalid *rc* value is given.

**What to do:** Make sure that every <STEP> tag includes a *rc* value that specifies a valid condition code.

## PDR1109S

Parameter supplied on <STEP> that is not a SORT step. <STEP> parms: *parms*

**What happened:** You specified *parms* values on a Presort group <STEP> tag with a program value other than SORT. All <STEP> *parms* are given.

**What to do:** Remove invalid *parms* from any <STEP> tag whose program is not SORT, or change the program to SORT.

## PDR1110S

Invalid <INDEXCOL> column value *column*. Must be numeric and in the range 1 to 32767.

**What happened:** You specified a column value other than a number from 1 to 32767 for the Presort group <INDEXCOL> tag. The invalid *column* value is given.

**What to do:** Specify a number from 1 to 32767 in the <INDEXCOL> tag column parameter to define the column number in the Inkjet file in which Enrichment can find the document index. Also specify a length value that defines the length of the document index in the file.

## PDR1111S

Invalid <INDEXCOL> length value *length*. Must be numeric and in the range 1 to 32767.

**What happened:** You specified a value other than a number from 1 to 32767 for the <INDEXCOL> tag length parameter. The invalid *length* value is given.

**What to do:** Specify a number from 1 to 32767 in the <INDEXCOL> tag length parameter to define the length of the document index in the Inkjet file.

## PDR1112S

Invalid <PAGEWT> *weight*. Must be numeric and greater than 0.

**What happened:** You specified a non-numeric or negative value for the Output group <PAGEWT> tag weight parameter. The invalid *weight* value is given.

**What to do:** Specify the integer value of the weight of a single page in the <PAGEWT> tag weight parameter.

## PDR1113S

Invalid <ENVELOPEWT> *weight*. Must be numeric and greater than 0.

**What happened:** You specified a non-numeric or negative value for the Output group <ENVELOPEWT> tag weight parameter. The invalid *weight* value is given.

**What to do:** Specify the integer value of the weight of a single envelope in the <ENVELOPEWT> tag weight parameter.

## PDR1114S

Invalid <FILEMAX> size value *size*. Must be numeric and greater than 0.

**What happened:** You specified a non-numeric or negative value for the Output group <FILEMAX> tag size parameter. The invalid *size* value is given.

**What to do:** Specify the maximum number of bytes, lines, pages, documents, or trays to place in a single output file in the <FILEMAX> tag size parameter. The value must be a positive number in the range 1 to 2147483648.



## PDR1115S

<FI LEMAX> type value *type* is invalid. Must be BYTES, LINES, PAGES, DOCUMENTS, or TRAYS.

**What happened:** You specified a value other than BYTES, LINES, PAGES, DOCUMENTS, or TRAYS for the Output group <FI LEMAX> tag type parameter. The invalid *type* value is given.

**What to do:** Specify a <FI LEMAX> tag type value that defines how you want to break the output into the output files. No matter what you select, output files will contain complete documents. You can only break by trays if you are using the Enrichment Pitney Bowes Mailware Interface module and the Presort group.

## PDR1116S

<FI LEMAX> traybreak *traybreak* is invalid. Must be TRAY or NOTRAY.

**What happened:** You specified a value other than TRAY or NOTRAY for the Output group <FI LEMAX> tag *traybreak* parameter. The invalid *traybreak* value is given.

**What to do:** Specify TRAY if you want your output files to contain complete trays or NOTRAY if you are not using postal presort. Enrichment will break output into files by bytes, lines, pages, or documents (as specified in the type parameter) and also by complete trays.

## PDR1117S

<MPF> pf value must be YES, NO, or MAPPED.

**What happened:** You specified a pf value other than YES, NO, or MAPPED for the Mup group <MPF> tag.

**What to do:** Specify a <MPF> tag pf value of YES if non-mapped page formats will control printing of multiple-up output. Specify NO if page formats will not control printing of multiple-up output. Specify MAPPED if multiple mapped page formats and copy groups will control printing of multiple-up pages.

## PDR1118S

The <FI LE> tag name value *filename* is too long.

**What happened:** You specified a file name value for the Output group <FILE> tag that was more than the maximum allowed for the platform. The invalid *filename* value is given.

**What to do:** Specify a <FILE> tag file name value that defines the location and name of the file associated with the Output group. The file name value can use any valid file specification method.

## PDR1119S

Missing row or column value on <MMOVE> *row/column*.

**What happened:** A row or column value was missing from the Mup group <MMOVE> tag.

**What to do:** Specify the row number and the column number of the logical page position on the multiple-up physical page for each logical page on the paper. The syntax for the <MMOVE> tag is:

```
<MMOVE> row column frontX frontY backX backY units
```

## PDR1120S

<MMOVE> *value* contains data that is out of range based on multup specifications for input or output *name*.

**What happened:** You specified Mup group <MMOVE> tag frontX, frontY, backX, or backY values that would move data beyond the page boundaries defined for the named input. *value* identifies the errant value and *name* identifies the Input or Output for which the value is invalid.

**What to do:** Specify a move location that matches the page size defined in the Mup group tags for each input.

## PDR1121S

<MMOVE> may not be specified unless an <MGRI D> tag is also specified.

**What happened:** You specified a Mup group <MMOVE> tag, but did not specify an <MGRI D> tag. You can only use <MMOVE> for multiple-up data.

**What to do:** Either remove the <MMOVE> tag from the control file or add an <MGRI D> tag to the control file.

## PDR1122S

<MPF> tag is not allowed for input or output *name* without an <MGRI D> tag.

**What happened:** You specified a Mup group <MPF> tag for an input or output file that did not have an <MGRI D> tag. *name* indicates the name of the Input or Output.

**What to do:** Remove the <MPF> tag from the control file or add an <MGRI D> tag.

## PDR1123S

<MPF> page format or copy group prefix *prefix* for input or output exceeds 6 characters or does not match length of other parameters.

**What happened:** You specified a Mup group <MPF> tag for an input or output file and you have a page format or copy group that has more than 6 characters or does not match the number of characters used in the <MMAP> tags. *prefix* indicates the page format or copy group prefix and indicates the name of the file.

**What to do:** Reduce the number of characters in the prefix to 6 or less and make sure that the number of characters in the prefix plus the number of characters in any <MMAP> tags is less than or equal to six.

## PDR1124S

<MCC> tag is not allowed for file *filename* without an <MGRI D> tag.

**What happened:** You specified a Mup group <MCC> tag for an input or output file that did not have an <MGRI D> tag. *filename* indicates the name of the file.

**What to do:** Remove the <MCC> tag from the control file or add an <MGRI D> tag.

## PDR1125S

<MCC> tag is not allowed for file *filename* without an <MPF> tag set to YES or MAPPED.

**What happened:** You specified a Mup group <MCC> tag for an input or output file that did not have an <MPF> tag pf value of YES or MAPPED. *filename* indicates the name of the file.

**What to do:** Remove the <MCC> tag from the control file or set the <MPF> tag *pf* parameter to YES or MAPPED.

## PDR1126S

The carriage controls must be specified for <MCC> tag and must be only one character each. Input or Output: *name*. CC: *cc*.

**What happened:** You specified a Mup group <MCC> tag without all parameters or with carriage controls that were more than one character each. *name* indicates the name of the Input or Output and *cc* indicates the invalid carriage control.

**What to do:** Correct the carriage control on the <MCC> tag.

## PDR1127S

<MOFFSET> value *number* out of range. <MOFFSET> values must be in the range -24000 to 24000 pels.

**What happened:** You specified a Mup group <MOFFSET> tag *frontX*, *frontY*, *backX*, or *backY* value that was not in the range -24000 to 24000 pels or equivalent. The invalid *number* is given.

**What to do:** Make sure all <MOFFSET> tag parameters have a value in the range -24000 to 24000 pels or equivalent. Valid units values are IN (inches), MM (millimeters), CM (centimeters), POINTS, and PELS.

## PDR1128W

IMM or IDM <MPF> prefix *prefix1* did not match expected value of *prefix2*. Input: *name*, page ending on line *number*.

**What happened:** The value of an IMM or IDM did not match the prefix you specified on the Mup group <MPF> tag. *prefix1* indicates the value encountered, *prefix2* indicates the expected value from your <MPF> tag, *name* indicates the name of the Input, and *number* indicates the record number of the bottom of the page where the prefix is invalid.

**What to do:** Check your data or modify your <MPF> tag.

## PDR1129W

Length of <ADDPART> contents for <ADDDTYPE> FORM (overlay) or IMAGE (page segment) exceeds 8 characters (*constant*). It is truncated to 8 characters.

**What happened:** You set the Add group <ADDDTYPE> tag type parameter to FORM or IMAGE and then specified one or more <ADDPART> tags whose values exceeded the maximum length for those add types of 8 characters. The invalid *constant* is given. Enrichment used only the first 8 characters of the invalid <ADDPART> value.

**What to do:** Correct your <ADDPART> tag so the length of its value is 8 characters or less.

## PDR1130S

You must specify an <MGRI D> tag within the <MUP> group.

**What happened:** You specified a MUP group, but did not specify an <MGRI D> tag. You must have an <MGRI D> tag specified for multiple-up data.

**What to do:** Either remove the <MUP> group from the control file or add an <MGRI D> tag within the group.

## PDR1131S

The Presort group requires a <FI LE> tag.

**What happened:** You specified no <FI LE> tag in the Presort group.

**What to do:** Specify a <FI LE> tag and value to define the location and name of the Presort Index file. The <FI LE> tag is required for Presort processing.

## PDR1132S

<LRECL> type must be F or V. *format* is invalid.

**What happened:** You specified a value other than F or V for the <LRECL> tag format parameter in the Output group. *format* indicates the invalid value.

**What to do:** Specify an <LRECL> tag format value of F if output records will be fixed in length. Specify a value of V if output records will be variable in length.

## PDR1133S

<LRECL> size must be a number greater than 0 and less than 32767. *size* is invalid.

**What happened:** You specified an invalid value for the <LRECL> tag *size* parameter in the Input or Output group. *size* indicates the invalid value.

**What to do:** Specify a numeric value in the range 1 to 32767 for the <LRECL> tag *size* parameter.

## PDR1134W

Map character within IMM/IDM (*name*) found on page ending on line *number* does not match any map characters defined with <MMAP> tags (*characters*).

**What happened:** Enrichment encountered an IMM or IDM name for which the map character(s) did not match any Mup group <MMAP> characters. *number* indicates the record number at the bottom of the page where the error occurred, *name* indicates the invalid IMM or IDM name, and *characters* indicates the map characters defined in the <MMAP> tags.

**What to do:** Check the IMM or IDM with map characters defined by your <MMAP> tags.

## PDR1135S

<MMAP> tag is not allowed for file *filename* without an <MGRI D> tag.

**What happened:** You specified a Mup group <MMAP> tag for an input or output file that did not have an <MGRI D> tag. *filename* indicates the name and location of the file.

**What to do:** Remove the <MMAP> tag from the control file or add an <MGRI D> tag.

## PDR1136S

All <MMAP> maps must be the same number of characters in length. *characters* has a different length from the previous map.

**What happened:** You specified a Mup group <MMAP> *characters* value that has a different length from previous map characters. *characters* indicates the errant mapping characters.

**What to do:** Change the <MMAP> tags so that all the characters values include the same number of characters.

## PDR1137S

The <MMAP> overlay name *overlay* contains more than 8 characters.

**What happened:** You specified a Mup group <MMAP> tag overlay value that exceeds the maximum number of characters for an overlay name. *overlay* indicates the overlay name.

**What to do:** Change the <MMAP> tag overlay value so that it is 8 characters or less in length.

## PDR1138S

*Section, Line number, Column number.* Presort system variable *varname* used, but no <PRESORT> was defined.

**What happened:** You used the specified Presort system variable but its value is undefined because no Presort group was specified. *varname* indicates the errant system variable.

**What to do:** Specify a Presort group in the control file or use a different variable name.

## PDR1139S

<OUTFILE1> length parameter *length* is not numeric.

**What happened:** You specified a non-numeric record length parameter *length* in the Presort Group <OUTFILE1> tag.

**What to do:** Specify a numeric *length* or let the record length default.

## PDR1140S

Error in parm file for <OUTPUT> *name*. Program name to execute not found in record: *number*.

**What happened:** No program name was listed in the Presort parameter file record indicated in the error message by *number*. *name* indicates the Output with which the parameter file is associated.

**What to do:** Make sure each Presort parameter file record that begins with >> is in the following format:

```
>>ProgramName InputDD OutputDD
```

## PDR1141S

Error in parm file for <OUTPUT> *name*. OutDD not found for step *program* in record: *record*.

**What happened:** No output DD was given in the parameter file record for the program step indicated in the error message by the *program* value. *name* identifies the Output with which the parameter file is associated and *record* shows the errant record.

**What to do:** Make sure each Presort parameter file record that begins with >> is in the following format:

```
>>ProgramName InputDD OutputDD
```

## PDR1142S

Error in parm file for <OUTPUT> *name*. InDD not found for step *program* in record: *record*.

**What happened:** No input DD was given in the Presort parameter file record for the program step indicated in the error message by the *program* value. *name* identifies the Output with which the parameter file is associated and *record* shows the errant record.

**What to do:** Make sure each Presort parameter file record that begins with >> is in the following format:

```
>>ProgramName InputDD OutputDD
```

## PDR1143W

Ignoring parm file record for <OUTPUT> *name*. Record: *record*.

**What happened:** Enrichment did not recognize the instructions given on the Presort parameter file record indicated by *record*. *name* indicates the Output with which the parameter file is associated. Enrichment ignored the record.

**What to do:** Make sure each Presort parameter file record that begins with >> contains valid data in the following format:



>>ProgramName InputDD OutputDD

## PDR1144S

<FI LEMAX> type value is missing.

**What happened:** You specified a size parameter without also specifying a type parameter.

**What to do:** Specify a type parameter.

## PDR1145S

Error opening output DD from parm file. Filename: *filename*. C Error Number: *number*. Error text: *message*.

**What happened:** Enrichment could not open the output DD *filename* listed in the parameter file. The C Error Number (*number*) and the error text (*message*) are given.

**What to do:** Make sure the indicated data set or location exists, then make sure no one else is trying to use the data set at the same time.

## PDR1146S

Unauthorized to issue SVC99. RC=872. InDD: *name*. OutDD: *name2*.

**What happened:** Enrichment is not authorized to redirect the parameter file program to another location. *name* indicates the input DD name and *name2* indicates the output DD name.

**What to do:** Contact your systems programmer to get authorization for the Enrichment load module to issue SVC99.

## PDR1147S

Error attempting to issue SVC99. RC=*code*. InDD: *name1*. OutDD: *name2*.

**What happened:** Enrichment cannot redirect the parameter file program to another location. *code* indicates the return code issued, *name1* indicates the input DD name, and *name2* indicates the output DD name.

**What to do:** Inform your systems programmer of the return code information.

## PDR1148S

Invalid <MGRI D> Set Text Orient change value *orientsYN*. Value must be YES or NO.

**What happened:** You specified a value other than YES or NO for the Mup group <MGRI D> tag *orientsYN* value. The invalid *orientsYN* is given.

**What to do:** Specify an <MGRI D> tag *orientsYN* value of YES if you want Enrichment to check for Set Text Orientation (STO) structured fields in the input or output. Specify NO if you do not want Enrichment to check for STO structured fields in the input or output. A value of NO improves performance.

## PDR1149S

<DUPLEX> Mixed requires the use of the <I DEN> tag.

**What happened:** <DUPLEX> Mixed was specified, but no <I DEN> tag was coded.

**What to do:** Specify the <I DEN> tag. Note that for most purposes use of the <DJDE> tag group for <DJDE> propagation is a better choice.

## PDR1150S

No <NAME> tag found within Output group.

**What happened:** You defined an Output group that did not include a <NAME> tag and value.

**What to do:** Specify a <NAME> tag and value for the Output group. The <NAME> tag value can be a maximum of 50 characters in length.

## PDR1151S

No <FILE> tag found within Output group.

**What happened:** You defined an Output group that did not include a <FILE> tag and value.

**What to do:** Specify a <FILE> tag and value that identifies the file associated with the Output group. The file name value can use any valid file specification method.

## PDR1152S

<PAGERANGE> overlap between output name *name1* and output name *name2* or multiple outputs specified without a rule file included to select the output.

**What happened:** You specified an Output group <PAGERANGE> tag minimum value that is less than another <PAGERANGE> tag's maximum value or you have multiple outputs without a rule file to determine which output to use. *name1* and *name2* indicate the names of the conflicting outputs.

**What to do:** Use a rule file, use only one output group or, if using <PAGERANGE>, make sure each minimum page range is less than the maximum, <PAGERANGE> values are sequential, one <PAGERANGE> does not overlap another, and that all possible page ranges (from 1 to 32767) are covered.

## PDR1153S

No <FILE> Tag found within sidefile group.

**What happened:** You defined a Sidefile group that did not include a <FILE> tag and value.

**What to do:** Specify a <FILE> tag and value that identifies the file associated with the Sidefile group.

## PDR1154S

The <PARMFILE> tag is valid only on z/OS

**What happened:** You used a <PARMFILE> tag, but it is not valid on this platform.

**What to do:** Remove the <PARMFILE> tag from the control file.

## PDR1155W

Length of <ADDPART> contents for <ADDDTYPE> TLE exceeds 250 characters (*constant*). It is truncated to 250 characters.

**What happened:** You set the Add group <ADDDTYPE> tag *type* parameter to TLE and then specified one or more <ADDPART> tags whose values exceeded the maximum length for that add type of 250 characters. The invalid *constant* is given. Enrichment used only the first 250 characters of the invalid <ADDPART> value.

**What to do:** Correct your <ADDPART> tag so the length of its value is 250 characters or less.

## PDR1156S

<MPF> tag is not valid with AFPDS or Metacode Data.

**What happened:** Your input stream is either AFPDS or Metacode and you have the <MPF> tag used in the <MUP> group. This is not allowed.

**What to do:** Avoid using this combination.

## PDR1157W

Enrichment forced the *format* value in the Input group <LRECL> tag to F. *format* is invalid.

**What happened:** You specified a value other than F for the <LRECL> tag *format* parameter in the Input group. *Format* indicates the invalid value.

**What to do:** Be aware that the format has been forced to F.

## PDR1158S

Invalid <MGRID> start value *value*. Value must be LEFT or RIGHT.

**What happened:** You specified the start value other than LEFT or RIGHT for the <MGRID>.

**What to do:** Specify LEFT if you plan to print from left to right (east to west), Specify RIGHT if you plan to printing from right to left (west to east).

## PDR1159S

<MSI ZE> must be specified if <MPF> *pf* value is No.

**What happened:** No <MSI ZE> tag was specified, and <MPF> *pf* has a value of No.

**What to do:** Specify an <MSI ZE> tag.

## PDR1160S

<FI LE> tag not allowed when a <DYNAFI LE> or <ALLOCATE> tag is used.

**What happened:** Your Output group included both the <FI LE> tag and a <DYNAFI LE> or <ALLOCATE> tag.

**What to do:** Remove the <FI LE> tag or the <DYNAFI LE> and the <ALLOCATE> tag, if any.

## PDR1161S

<DYNAFI LE> use requires the <ALLOCATE> tag.

**What happened:** Your Output group included the <DYNAFI LE> tag, but did not include the <ALLOCATE> tag.

**What to do:** Either remove the <DYNAFI LE> tag and add a <FI LE> tag to your Output group; or add an <ALLOCATE> tag with the proper file allocation standards for your dynamic file allocation.

## PDR1162S

<DYNAFI LE> value *varname* is too long.

**What happened:** You specified a <DYNAFI LE> *varname* that was a more than 50 characters in length.

**What to do:** Specify a *varname* of 50 or fewer characters counting the "%%" characters at the beginning of the variable name.

## PDR1163S

<DYNAFI LE> value is missing.

**What happened:** You specified a <DYNAFI LE> tag without a value.

**What to do:** Specify a variable name to associate with the <DYNAFI LE> tag.

## PDR1164S

You must use a <DYNAFI LE> tag with the <ALLOCATE> tag.

**What happened:** You specified an <ALLOCATE> tag, but did not specify a <DYNAFI LE> tag in the Output group. Both tags are required for successful dynamic file allocation.

**What to do:** Either specify a <DYNAFI LE> tag; or remove the <ALLOCATE> tag and use a <FI LE> tag.

## PDR1165S

<ALLOCATE> unit *unit* is more than 8 characters long.

**What happened:** You specified an <ALLOCATE> *unit* that was more than 8 characters in length.

**What to do:** Specify a *unit* that is 8 or fewer characters in length for the logical unit on which to allocate each dynamic file.

## PDR1166S

<ALLOCATE> unit value is missing.

**What happened:** You specified an <ALLOCATE> tag without a *unit* parameter. The *unit* and *space1* (primary file size) parameters must be specified.

**What to do:** Specify a *unit* that is 8 or fewer characters in length for the logical unit on which to allocate each dynamic file.

## PDR1167S

<ALLOCATE> space1 value is missing.

**What happened:** You specified an <ALLOCATE> tag without a space1 (primary file size) parameter. You must specify the unit and space1 parameters.

**What to do:** Specify a space1 value to use for each file to be dynamically allocated.

## PDR1168S

<ALLOCATE> storage value must be CYLS or TRKS, not *storage*.

**What happened:** You specified an <ALLOCATE> *storage* value other than C, CYLS, CYLINDERS, T, TRKS, or TRACKS.

**What to do:** Specify a *storage* value of C, CYLS, or CYLINDERS to specify the primary and secondary size in cylinders; specify T, TRKS, or TRACKS to specify the size in tracks.

## PDR1169S

<ALLOCATE> recfm *recfm* is invalid.

**What happened:** You specified an <ALLOCATE> *recfm* (file record format) other than F, FB, FBM, FBA, V, VB, VBA, VBM, VBS, or U.

**What to do:** Specify a *recfm* of F, FB, FBM, FBA, V, VB, VBA, VBM, VBS, or U.

## PDR1170S

<DYNALFILE> file allocation error has occurred. Return Code: return code. Error code: error code. Information code: information code.

**What happened:** There was an error when Enrichment tried to allocate the file with the parameters specified in the <DYNALFILE> and <ALLOCATE> tags.

**What to do:** Check the return code, error code and information code given and take appropriate action. Contact your systems administrator for assistance.

## PDR1171S

<DYNAFI LE> file name *filename* in variable *varname* for output *name* is too long.

**What happened:** The file name specified for the first file Enrichment attempted to allocate is more than 44 characters.

**What to do:** Check the variable names possible for your file name and ensure that none are more than 44 characters in length.

## PDR1172W

<DYNAFI LE> file name *filename2* in variable *varname* for output *name* is too long. Continuing to use existing file *filename1*.

**What happened:** *filename2* is more than 44 characters. Enrichment places the current output in the previously opened file.

**What to do:** Check the variable names possible for your file name and ensure that none are more than 44 characters in length.

## PDR1173S

No <DYNAFI LE> file name was set in variable *varname* for Output *name*.

**What happened:** The dynamic allocation variable name *varname* was not set in the rule file.

**What to do:** Make sure you assign a file name to the variable you are using in the <DYNAFI LE> tag for each Output group that uses a <DYNAFI LE> tag.

## PDR1174W

<DYNAFI LE> file name *filename* already exists. Opening file as DISP=SHR and overwriting.

**What happened:** The named file already existed prior to this run of Enrichment. The file was opened with a "DISP=SHR" parameter and was overwritten using the file's current parameters.

**What to do:** If the format for the named file is incorrect, delete the file and resubmit the Enrichment job. Otherwise, no action needs to be taken.



## PDR1175S

<DYNALFILE> file name *filename* for output *name* has already been used in this run. No previous name to use for this output.

**What happened:** *filename* was created during this run of Enrichment; and it is the first file created for the current output.

**What to do:** Make sure you define your file names so that they do not duplicate other file names being used in the same run of Enrichment.

## PDR1176W

<DYNALFILE> file name *filename2* for output *name* has already been used in this run. Continuing to use existing file *filename1*.

**What happened:** *filename2* was created during this run of Enrichment. The current document is placed in the previous file for the Output group and the next document for the Output group will be placed in the next available file name.

**What to do:** Make sure you define your file names so that they do not duplicate other file names being used in the same run of Enrichment.

## PDR1177W

<DYNALFILE> unit value *unit* was too long. It was truncated.

**What happened:** The value for the variable used to specify the dynamic file allocation unit was too long. It was truncated.

**What to do:** Make sure the *unit* variable contains a value of 8 characters or less.

## PDR1178W

<DYNALFILE> primary space allocation value *primary allocation* is invalid. It must be a positive integer.

**What happened:** The value for the variable used to specify the dynamic file allocation unit was not a positive integer.

**What to do:** Make sure the variable used for unit specification always contains a positive integer.

## PDR1179W

<ALLOCATE> unit or space1 variable *varname* has not been defined.

**What happened:** You specified an <ALLOCATE> tag using variable names for the unit or space1 parameters. The invalid variable name *varname* is given.

**What to do:** Make sure you define a variable for the variable name used in the <ALLOCATE> tag.

## PDR1180W

A <FILE> tag is not allowed in a DJDE subgroup in an Output group.

**What happened:** You used a <FILE> tag in a DJDE subgroup in an Output group, which is not allowed.

**What to do:** Normally you would want to select an <OUTPUT> file before breaking in it.

## PDR1181W

*Section, Line number, Column number.* <FILEBREAK> encountered before <OUTPUT> specified.

**What happened:** You used a <FILEBREAK> statement in the rule file to perform a file break before you selected the <OUTPUT> command. The file break will occur in the current default <OUTPUT> command.

**What to do:** Normally you would want to select an <OUTPUT> file before breaking in it.

## PDR1182W

<DYNFILE> file deallocation error has occurred. Return code from deallocation: return code *.Error* code from deallocation: error code *.Info* code from deallocation: information code. Enrichment will attempt to continue.

**What happened:** Enrichment was unable to free the dynamically allocated file.

**What to do:** No action is necessary.

## PDR1183S

DECIPOINTS is an invalid unit for the <DENSITY> tag for this print stream type.

**What happened:** You specified DECIPOINTS for the units in the <DENSITY> tag. DECIPOINTS is only valid for PCL data. PU(Printer Units) is the only valid density unit for this print stream type.

**What to do:** Leave the units blank or specify PU for the units.

## PDR1184S

*units* is an invalid unit for the <DENSITY> tag. The valid units are PU and DECIPOINTS.

**What happened:** You specified an invalid unit for the <DENSITY> tag. The valid units are PU(Printer Units) and DECIPOINTS(for PCL only).

**What to do:** Leave the units blank or specify PU for non-PCL data. For PCL data that is in decipoints, specify DECIPOINTS for the units.

## PDR1185S

Invalid <DENSITY> tag value of *density* in the ADD group. It must be numeric and should be set to 24 or greater.

**What happened:** You specified a non-numeric value for the <DENSITY> tag in an ADD group.

**What to do:** Specify a numeric value of 24 or greater for the <DENSITY> tag in the ADD group.

## PDR1186W

The <DENSITY> tag value in an ADD group is less than 24. This may lead to unexpected results for barcode/text positioning for this ADD.

**What happened:** You specified a density less than 24 in an ADD group. This may lead to unexpected results for barcode/text positioning for this ADD.

**What to do:** Make sure to use a density of 24 or greater.

## PDR1187W

Length of <TLEDESC> descriptor for <ADDTYPE> TLE exceeds 250 characters (*descriptor*). It is truncated to 250 characters

**What happened:** The variable's value used for the <TLEDESC> descriptor was more than 250 characters. Enrichment used only the first 250 characters of the invalid value.

**What to do:** Ensure the length of the variable's value is 250 characters or less.

## PDR1188W

Variable (*descriptor*) used for <TLEDESC> descriptor for <ADDTYPE> TLE is not defined or is empty.

**What happened:** You specified a variable to use for the descriptor, but the variable is not defined, or its value has zero length, and this TLE was not added to the document.

**What to do:** Set the contents of the variable correctly, or use a different variable.

## PDR1189S

Invalid *value* for <HEADERFILE> with regard to <HEADER> tag. Value must be BEFORE or AFTER.

**What happened:** You specified a value other than BEFORE or AFTER for the <HEADERFILE> tag.

**What to do :** Specify BEFORE or AFTER as value for <HEADERFILE>.

## PDR1190S

Invalid *value* for <POSREC>. Value must be BEFORE or AFTER.

**What happened:** You specified a value other than BEFORE or AFTER for the <POSREC> tag.

**What to do:** Specify BEFORE or AFTER as the value for <POSREC>.

## PDR1191W

Length of <DSCDESC> descriptor for <ADDDTYPE> DSC exceeds 1024 characters *constant*. It is truncated to 1024 characters.

**What happened:** You set the Add group <ADDDTYPE> tag type parameter to DSC and then specified one or more <ADDPART> tags whose values exceeded the maximum length for that add type of 1024 characters. The invalid constant is given. Enrichment only used the first 1024 characters of the invalid <ADDPART> value.

**What to do:** Correct your <ADDPART> tag so the length of its value is 1024 characters or less.

## PDR1192W

Variable *string* used for <DSCDESC> descriptor for <ADDDTYPE> DSC is not defined or is empty.

**What happened:** You set the Add group <ADDDTYPE> tag type parameter to DSC and then specified one or more <ADDPART> tags whose value has not been defined. The invalid string is given.

**What to do:** Correct the indicated string.

## PDR1193S

<I NPUT> *i nputname*, has both <FI LE> and <FI LEDI R> tags. Only one is allowed.

**What happened:** You specified an input group that contains both a <FI LE> tag and a <FI LEDI R> tag.

**What to do:** Specify the parameter for <I NPUT> as either <FI LE> or <FI LEDI R>.

## PDR1195S

Invalid value for the <PLACE> *howmany* value. Value must be YES or NO.

**What happened:** You specified an invalid value for *howmany*.

**What to do:** Specify YES or NO.

## PDR1196S

Some Address group <LI NE> tags are missing alternate field.

**What happened:** You specified an alternate field for some, but not all <LI NE> tags.

**What to do:** Specify alternate fields for all, or no <LI NE> tags.

## PDR1200S

No <FILE> tag found within Variables group.

**What happened:** You defined a Variables group that did not include a <FILE> tag and value.

**What to do:** Specify a <FILE> tag whose value is the name of the variable file associated with the Variables group. The *file name* value can use any valid file specification method.

## PDR1201S

Invalid <VARTYPE> value *type*. Must be either DEFINITION or FLAT.

**What happened:** You specified a Variables group <VARTYPE> tag *type* value other than DEFINITION or FLAT. *type* indicates the invalid value.

**What to do:** Specify a <VARTYPE> tag *type* value of DEFINITION if you used a variable definition file to define the variables; specify FLAT if you used a variable flat file to define the variables.

## PDR1202W

The <VAR> tag value *varname* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified a Variables group <VAR> tag *varname* that exceeds 50 characters in length. *varname* indicates the errant value. Enrichment only uses the first 50 characters of the *varname* value you specified and ignores the extra characters.

**What to do:** Specify a *varname* value of up to 50 characters with no included blanks for the <VAR> tag.

## PDR1203S

Record number, start column, and length not provided for <VAR> *varname*.

**What happened:** You only specified a *varname* value for the <VAR> tag in a Variables group for which the <VARTYPE> tag is set to FLAT. *varname* identifies the errant <VAR> tag.

**What to do:** Specify *record*, *column*, *length*, and *strip* values for the <VAR> tag or change the <VARTYPE> tag *type* value to DEFINITION.

## PDR1204S

The <VAR> *varname* record number *record* is not numeric.

**What happened:** You specified a Variables group <VAR> tag *record* value that is not a number. The *varname* value of the errant <VAR> tag and the invalid *record* value are given.

**What to do:** Specify a numeric value for the <VAR> tag *record* parameter.

## PDR1205S

The start column value *column* for <VAR> *varname* is not numeric.

**What happened:** You specified a Variables group <VAR> tag *column* value that is not a number. The *varname* value of the errant <VAR> tag and the invalid *column* value are given.

**What to do:** Specify a numeric value for the <VAR> tag *column* parameter.

## PDR1206S

The length value *length* for <VAR> *varname* is not numeric.

**What happened:** You specified a Variables group <VAR> tag length value that is not a number. The *varname* value of the errant <VAR> tag and the invalid *length* value are given.

**What to do:** Specify a numeric value for the <VAR> tag length parameter.

## PDR1207S

The <VARTYPE> setting is FLAT and you defined no variables within the control file. Use <VAR>, <INSERTPAGE>, or <INSERTREC> to define variables within the control file.

**What happened:** You specified a Variables group <VARTYPE> tag value of FLAT but did not define any variables within the control file using the <VAR>, <INSERTPAGE>, or <INSERTREC> tags.

**What to do:** Define each variable used in the variable flat file in the Variables group using the <VAR>, <INSERTPAGE>, or <INSERTREC> tags.

## PDR1208S

<VAR> *varname* has already been defined.

**What happened:** You already defined a variable with this name. *varname* indicates the duplicated value.

**What to do:** Specify the correct varname values for both <VAR> tags. Change one of the varname values to a different value in both the control file and the input file.

## PDR1209S

The strip value *strip* for <VAR> *varname* is not valid. Must be B, L, R, or N.

**What happened:** You specified a strip value other than B, L, R, or N for a Variables group <VAR> tag. The *varname* value of the errant <VAR> tag and the invalid *strip* value are given.

**What to do:** Specify a <VAR> tag strip value of B to strip both leading and trailing blanks from the variable value; specify L to strip trailing blanks from the variable value; specify R to



strip leading blanks from the variable value; or specify N to strip no blanks from the variable value.

## PDR1212W

The <I NSERTPAGE>/<I NSERTREC> variable *varname* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You typed a *varname* value of more than 50 characters in length for an <I NSERTPAGE> or <I NSERTREC> tag. *varname* indicates the incorrect value. Enrichment uses only the first 50 characters as the *varname* value.

**What to do:** Make sure *varname* values do not exceed 50 characters in length. Correct any *varname* values that are more than 50 characters in length.

## PDR1213S

Record number, start column, and length not provided for <I NSERTPAGE>/<I NSERTREC> *varname*.

**What happened:** You set the Variables group <VARTYPE> tag type parameter to FLAT, indicating that variable values could be found in a variable flat file, but you did not specify record, column, or length values for an <I NSERTPAGE> or <I NSERTREC> tag. The *varname* value of the errant <I NSERTPAGE> or <I NSERTREC> tag is given.

**What to do:** Make sure each <I NSERTPAGE> or <I NSERTREC> tag has a *varname*, *source*, *record*, *column*, and *length* value. If your variable file is actually a variable definition file, change the <VARTYPE> tag type value to DEFINITION.

## PDR1214S

The <I NSERTPAGE>/<I NSERTREC> *varname* record number *record* is not numeric.

**What happened:** You typed a character other than a number for the <I NSERTPAGE> or <I NSERTREC> tag *record* value. The *varname* value of the incorrect <I NSERTPAGE> or <I NSERTREC> tag and the invalid *record* value are given.

**What to do:** Specify an <I NSERTPAGE> or <I NSERTREC> tag *record* value that defines the record number in the variable flat file on which the insert definition occurs. Remember, each variable case must have the same number of records.

## PDR1215S

The <I NSERTPAGE>/<I NSERTREC> *varname* start column *column* is not numeric.

**What happened:** You specified a column value other than a number for the <I NSERTPAGE> or <I NSERTREC> tag. The *varname* value of the incorrect <I NSERTPAGE> or <I NSERTREC> tag and the invalid *column* value are given.

**What to do:** Specify an <I NSERTPAGE> or <I NSERTREC> tag column value that defines the column number in the variable flat file on which the insert definition begins.

## PDR1216S

The <I NSERTPAGE>/<I NSERTREC> *varname* length *length* is not numeric.

**What happened:** You specified a length value other than a number for the <I NSERTPAGE> or <I NSERTREC> tag. The *varname* value of the incorrect <I NSERTPAGE> or <I NSERTREC> tag and the invalid *length* value are given.

**What to do:** Specify an <I NSERTPAGE> or <I NSERTREC> tag length value that defines the length of the insert definition in the variable flat file.

## PDR1217S

The <I NSERTPAGE>/<I NSERTREC> *varname* source *source* must be the single character F.

**What happened:** You specified a source value that was not the character F for the <I NSERTPAGE> or <I NSERTREC> tag. The *varname* value of the incorrect <I NSERTPAGE> or <I NSERTREC> tag and the invalid *source* value are given.

**What to do:** Specify an <I NSERTPAGE> or <I NSERTREC> tag source value of F.

## PDR1221S

The <I NSERTPAGE>/<I NSERTREC> *varname* length *length* is too long.

**What happened:** The value you specified for the length parameter of the <I NSERTPAGE> or <I NSERTREC> tag is too long. The *varname* value of the invalid <I NSERTPAGE> or <I NSERTREC> tag and the invalid *length* value are given.

**What to do:** Specify a smaller length value for the insert.

## PDR1222S

<INSERTPAGE>/<INSERTREC> *varname* processing encountered a value *value* that is too long.

**What happened:** The value you specified for one of the <INSERTPAGE> or <INSERTREC> tag parameters contains too many characters. The *varname* of the invalid <INSERTPAGE> or <INSERTREC> tag and the invalid *value* are given.

**What to do:** Make sure all values are valid for the Insertpage or Insertrec group indicated by *varname*.

## PDR1230W

Invalid number of copies *number* in VDF file record: *record*.

**What happened:** You specified too many copies to print in the insert definition. The invalid *number of copies* and the *record* containing the invalid specification are given.

**What to do:** Specify a number up to and including the maximum number of copies. No other values are valid.

## PDR1231W

<INSERTPAGE>/<INSERTREC> *varname1* processing encountered non-complex data: *varname2*.

**What happened:** You defined a simple variable as an insert. *varname1* names the Insertpage or Insertrec group that contains the errant variable identified by *varname2*.

**What to do:** Use the <VAR> tag to define variables that do not cause Enrichment to include separate records or files in the output.

## PDR1234W

Variable definition insert (*varname*) indicates an imbed of a file or print stream but the variable was not defined with an <INSERTPAGE> or <INSERTREC> tag.

**What happened:** The variable definition file listed an insert that was not defined by an Insertpage or Insertrec group in the control file. The *varname* of the undefined insert in the variable definition file is given.

**What to do:** Check the variable definition file for inserts. If there are any, use an Insertpage or Insertrec group to define them in the control file.

## PDR1238S

<FIELD> *fieldname* specifies a page-based action but is not a variable field. Page action fields must have a name starting with %% to indicate that they are variables.

**What happened:** You specified P as the second character of a <FIELD> tag's action parameter but you did not define the field as a variable (that is, the variable's name does not begin with %%). Only field variables may have a "page" action value. The <FIELD> tag *fieldname* value is given.

**What to do:** Make sure you have correctly defined all fields.

## PDR1239W

<FIELD> *fieldname* should not contain a <FIELDREF> because it is a <PAGE> specification. It has been corrected.

**What happened:** The field you are using to define top of page contains a <FIELDREF> tag. This tag is obsolete. Enrichment internally defines a <reference> for this field and continues processing.

**What to do:** Redefine the field used with the <PAGE> tag so that it contains a <REFERENCE> tag instead of a <FIELDREF> tag.

## PDR1240S

<FIELD> *fieldname* cannot contain <ONPAGE> because it is a <PAGE> field.

**What happened:** You specified an <ONPAGE> tag in the Field group to define the top of page. Since Enrichment does not know where page is yet, you cannot tell it to look for the field on a specific page.

**What to do:** Remove the <ONPAGE> tag from the Field group. If you need to pick up the data specified by the field on a specific page, define a second Field group using a different field name and the <ONPAGE> tag.

## PDR1249W

The physical page size parameters in the <PAGESIZE> tag are not used for Metacode.

**What happened:** You specified values for the *physical X* and *physical Y* parameters but these parameters are not supported for Metacode.

**What to do:** Remove the *physical X* and *physical Y* parameters from the <PAGESIZE> tag.

## PDR1252S

More than one <VARIABLES> tag encountered. Only the first group is processed.

**What happened:** You specified more than one Variables group in the control file. Enrichment processed only the first Variables group and ignored all others.

**What to do:** List all variables in one variable file and specify the file location and name in the Variables group <FILE> tag.

## PDR1255S

No variables are set from data in the variable flat file. The variable flat file cannot be processed.

**What happened:** Enrichment is unable to set variables with the file you have specified as your variable flat file.

**What to do:** Check the control file to make sure all variables are correctly defined with <VAR> tags or in Insertpage or Insertrec groups as they exist in the variable flat file.

## PDR1256S

<REPLACE> tag contained no size parameter.

**What happened:** You specified a Field group <REPLACE> tag without a size value.

**What to do:** Set the <REPLACE> tag size parameter to an asterisk (\*) to automatically adjust the length of the field to the length of the variable value. Specify the size value as a positive integer to set the length of the field to a specific number of characters.

## PDR1257S

<REPLACE> size value *size* is not a positive numeric.

**What happened:** You specified a non-numeric or negative value other than \* for the Field group <REPLACE> tag size parameter. *size* indicates the invalid value.

**What to do:** Set the <REPLACE> tag size parameter to an asterisk (\*) to automatically adjust the length of the field to the length of the variable value. Specify the size value as a positive integer to set the length of the field to a specific number of characters.

## PDR1258S

<REPLACE> moveYN value must be YES or NO, not *moveYN*.

**What happened:** You specified a value other than YES or NO for the Field group <REPLACE> tag *moveYN* parameter. *moveYN* sets whether Enrichment changes the size of the target line-data field.

**What to do:** Set the <REPLACE> *moveYN* parameter to YES to change the size of the target line-data field or to NO to leave the target line-data field length unchanged.

## PDR1259S

You specified a <REPLACE> tag for a field with a fieldname that did not begin with %%.

**What happened:** You specified a <REPLACE> tag for a Field group whose fieldname does not begin with %. Since the field does not begin with %, it can never be replaced, and the <REPLACE> tag is invalid.

**What to do:** Remove the <REPLACE> tag from the Field group, or add %% to the beginning of the fieldname.

## PDR1260S

<PAGE> field *fieldname* cannot be page-based.

**What happened:** The Field group you identified in the Input group <PAGE> tag did not contain a <REFERENCE> tag. *fieldname* identifies the errant field.

**What to do:** Make sure the field you identify in the <PAGE> tag fieldname is defined in a Field group that includes a <REFERENCE> tag, or use a different field as the value for the <PAGE> tag.

## PDR1261S

<page> field *fieldname* cannot be forward referencing.

**What happened:** The Field group you identified in the Input group <PAGE> tag contained a <LOCATION> tag position on a record after the position of the <REFERENCE> tag value. *fieldname* identifies the errant field.

**What to do:** Make sure the position specified in the <LOCATION> tag is on the same record or on a record before that on which the <REFERENCE> tag position is defined.

## PDR1262S

Invalid value *charactercode* on the <DJDECODE> tag. The value must be either *EBCDIC* or *ASCII*.

**What happened:** You specified a charactercode value other than *EBCDIC* or *ASCII* for the charactercode indicator on the <DJDECODE> tag.

**What to do:** Specify the correct character code for your DJDE parameters.

## PDR1263S

Invalid value *carriagecontrol* on the <DJDECC> tag. The value must be a string that is one byte long.

**What happened:** You specified a carriagecontrol that was not one byte long.

**What to do:** Use a string value that is one byte long for each carriage control parameter.

## PDR1264S

Error opening DJDE tracking file. Filename: *filename*. C Error Number: *number*. Error text: *message*.

**What happened:** Enrichment could not open the output DD filename listed in the parameter file. The C Error Number number and the error text message are given.

**What to do:** Make sure the indicated data set of location exists, then make sure no one else is trying to use the data at the same time.

## PDR1265S

Invalid or missing parameter name *parametername* on the <DJDEPARM> tag.

**What happened:** You specified an unsupported DJDE parameter parametername on the <DJDEPARM> tag.

**What to do:** Specify only the parameters listed in the reference manual.

## PDR1266S

<I DEN> offset *offset* must be numeric and greater than or equal to 0.

**What happened:** You specified an Input group <I DEN> tag offset value that was either non-numeric or a negative number. *offset* indicates the invalid value.

**What to do:** Set the <I DEN> tag offset value to a number greater than or equal to 0 that specifies the number of columns before the prefix value begins on the DJDE record.



## PDR1267S

<I DEN> specification *parameters* must contain both an offset and a skip.

**What happened:** You specified an Input group <I DEN> tag, but you did not specify all of the required parameters. *parameters* indicates the entire <I DEN> tag specification.

**What to do:** Make sure your <I DEN> tag specification includes valid *prefix*, *offset*, and *skip* values.

## PDR1268S

<I DEN> skip value *skip* must be numeric and greater than or equal to 0.

**What happened:** You specified an Input group <I DEN> tag *skip* value that was either non-numeric or a negative number. *skip* indicates the invalid value.

**What to do:** Set the <I DEN> tag *skip* value to a number greater than or equal to 0 that specifies the number of columns before a DJDE command begins.

## PDR1269S

<DOCUMENT> type must be TOP or BOTTOM; not *type*.

**What happened:** You specified a type other than TOP or BOTTOM on an Input group <DOCUMENT> tag for which you also specified *filename* and *status* values. *type* indicates the invalid value.

**What to do:** Specify a <DOCUMENT> tag *type* value of TOP to indicate that the *name* and *status* values define the first page of each document in the input. Specify BOTTOM to indicate that the values define the last page of each document in the input. If the input contains only one document, remove the *name* and *status* values from the <DOCUMENT> tag and set *type* to \*. If each document in the input contains the same number of pages, set *type* to that number.

## PDR1270W

*Section*, *Line number*, *Column number*. Some variables in the rule file will be static.

**What happened:** You used variables as a basis for comparison that were not set by a field variable, in the rule file, or in a variable file. Enrichment sets the variable to a blank value.

**What to do:** Refer to message PDR1271W for the names of variables not set.

## PDR1271W

*Section, Line number, Column number.* Variable *varname* is used but not set.

**What happened:** You used a variable as a basis for comparison that was not set by a field variable, in the rule file, or in a variable file. The *varname* of the unset variable is given. Enrichment sets the variable to a blank value.

**What to do:** If you do not want the indicated variable to have a blank value, set it by defining a field variable with that name, defining the variable in the rule file, or defining the variable in a variable file.

## PDR1272S

*Section, Line number, Column number.* Output file *name* is used but not defined.

**What happened:** You named an output in a rule file <OUTPUT> statement that was not defined by an Output group in the control file. The *name* value of the undefined output is given.

**What to do:** Make sure that any <OUTPUT> statement name values specified in the rule file match Output group <NAME> tag name values included in the control file.

## PDR1273S

The length of the value *parmvalue* is greater than the maximum allowed for parameter *parmname*.

**What happened:** The length of the value *parmvalue* on the <DJDEPARM> statement is greater than that supported for the parameter *parmname*.

**What to do:** Use a shorter value instead of *parmvalue*.

## PDR1274S

*Section, Line number, Column number.* System variable *varname* cannot be set.

**What happened:** You tried to set a system variable in the rule file; however, the system variable listed cannot be set in the rule file. The *varname* value of the invalid system variable is given. Enrichment ignored the value to which you attempted to set the system variable.

**What to do:** Remove the indicated system variable from the rule file.

## PDR1275S

*Section, Line number, Column number :* System variable *varname* is a Presort variable and can only be used in the PAGE or PRESORTED section of the rule file.

**What happened:** You used a Presort system variable in the START or DOCUMENT section of the rule file. System variables generated from a Presort program are only available in the PAGE or PRESORTED sections of the rule file. The *varname* of the invalid system variable is given.

**What to do:** Remove the indicated system variable from the START or DOCUMENT section of the rule file.

## PDR1276S

System variable *varname* has been referenced in a rule file but other supporting tags have not been specified.

**What happened:** You used a system variable in a rule file that is set by specifying other valid Enrichment tags in the control file. The supporting tags were not set.

**What to do:** Either remove the system variable from the rule file or specify the additional Enrichment tags in the control file.

## PDR1277S

System variable *varname* has been referenced in an Add or Sidefile group, but other supporting tags have not been specified.

**What happened:** You used a system variable in the Add or Sidefile group that is set by specifying other valid Enrichment tags in the control file. The supporting tags were not set.

**What to do:** Either remove the system variable from the group or specify the additional Enrichment tags in the control file.

## PDR1278S

A <FILE> tag is required in a DJDE group in a Banner, Input or Insertpage group.

**What happened:** You omitted a <FILE> tag in a DJDE input type group.

**What to do:** Include the <FILE> tag to specify the work file for storing DJDE information for this input.

## PDR1279S

Error opening JSL file.

**What happened:** Enrichment could not open the DJDE input DD file name listed in the parameter file.

**What to do:** Make sure the indicated data set or location exists, then make sure no one else is trying to use the data set at the same time.

## PDR1281S

Invalid <DJDEMERGE> value *switchYN*. *switchYN* must be YES or NO.

**What happened:** You specified a value other than N or Y for the DJDE group <DJDEMERGE> tag. The invalid *switchYN* value is given.

**What to do:** Specify a <DJDEMERGE> tag value of N to ignore DJDE statements between a DJDE statement and the data that follows. Specify Y to merge consecutive DJDE statements that do not have data between them.

## PDR1283S

Parameter value of <DJDERSTACK> is not in the JSL file.

**What happened:** There is no JDE Identifier in the JSL file that matches the value of the <DJDERSTACK> parameter.

**What to do:** Specify a JDE that the printer should default to when the conditions for RSTACK are met. The JDE must exist in the JSL file.

## PDR1284S

*Name* is not defined as an array.

**What happened:** You attempted to use name as an array even though it was not declared as an array.

**What to do:** Use the DECLARE function to define name as an array.

## PDR1285S

*Name* is an array of size elements. Element index may not be used.

**What happened:** You attempted to access an index of the array that does not exist.

**What to do:** Ensure the index calculations are correct, or increase the size of the array as defined in the DECLARE function. If accessing a <tl evars> related array, ensure the document has the TLE records that are expected.

## PDR1286W

*Name* is already defined as an array, further definitions will be ignored.

**What happened:** You attempted to DECLARE an array variable more than one time, this will be ignored.

**What to do:** Ensure the variable is only defined as an array once.

## PDR1287S

Invalid <DJDEMAXLENGTH> *number*. Must be in the range of 1 to 32767.

**What happened:** You specified a value that was not in the range of 1 to 32767 for the DJDE group <DJDEMAXLENGTH> tag. The invalid number value is given.

**What to do:** Specify a valid <DJDEMAXLENGTH> tag number value that defines the maximum length of a DJDE record. The number value must be in the range of 1 to 32767.

## PDR1288W

A <DJDEMAXLENGTH> tag is not allowed in this subgroup. This tag is only allowed in an output <DJDE> tag group.

**What happened:** You specified a <DJDEMAXLENGTH> tag in a <DJDE> subgroup that is not in an output group.

**What to do:** Specify the <DJDEMAXLENGTH> tag in a <DJDE> subgroup that is within an <OUTPUT> tag group.

## PDR1289S

<I DEN> online value must be either ONLINE or OFFLINE not *value*.

**What happened:** You specified an *online* value other than ONLINE or OFFLINE for the Input, Insertpage, or Banner group <I DEN> tag.

**What to do:** Type ONLINE if the graphics in the input, insert, or banner file are downloaded Online. Type OFFLINE if the graphics in the input, insert, or banner file are downloaded Offline. The default is OFFLINE.

---

**NOTE:** This parameter is for Metacode only.

---

## PDR1291S

System variable *variablename* has been referenced in a file with <SUBSTITUTE> Y, but other supporting tags have not been specified.

**What happened:** You used a system variable in a rule file that is set by specifying other valid Enrichment tags in the control file. The supporting tags were not set.

**What to do:** Either remove the system variable from the rule file or specify the additional Enrichment tags in the control file.

## PDR1301W

The Sortmatch group <I NPUTNAME> value *name* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified a name value of more than 50 characters in length for the Sortmatch group <I NPUTNAME> tag. The incorrect *name* value is given. Enrichment can only recognize names up to 50 characters in length. Enrichment ignored the extra characters.

**What to do:** Change the name value to a length of 50 characters or less. Make sure the corresponding Input group name is the same as the Sortmatch group name.

## PDR1302S

At least one <I NPUTNAME> tag must be defined for the Sortmatch group.

**What happened:** You specified a Sortmatch group that contained no <I NPUTNAME> tags.

**What to do:** Specify at least one <I NPUTNAME> tag in the Sortmatch group or remove the Sortmatch group from the control file. The <I NPUTNAME> tag you specify in the Sortmatch group must duplicate an Input group <NAME> tag.

## PDR1303S

Invalid <I NPUTNAME> tag match value *match*. Must be SORT, MATCH, or ALWAYS.

**What happened:** You specified a match value other than SORT, MATCH, or ALWAYS for the Sortmatch group <I NPUTNAME> tag. The invalid *match* value is given.

**What to do:** Specify a <I NPUTNAME> tag match value of SORT to sort but not match documents within the named input; specify MATCH to sort and match documents within the named input; or specify ALWAYS to indicate that every package created during processing should contain the entire named input. If you leave the match parameter blank, Enrichment uses the default value (SORT).

## PDR1304S

The Sortmatch group <INPUTNAME> tag must be followed by the name of an input to process.

**What happened:** You did not follow the Sortmatch group <INPUTNAME> tag with a name value that duplicates the name value of an Input group <NAME> tag.

**What to do:** Follow the Sortmatch group <INPUTNAME> tag with a name value that corresponds to an Input group <NAME> tag's value.

## PDR1305W

The Sortmatch group <SORT> tag name *fieldname* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified a *fieldname* value of over 50 characters in length for the <SORT> tag. The incorrect *fieldname* value is given. Enrichment ignored the extra characters.

**What to do:** Make sure you specify a *fieldname* value that does not exceed 50 characters in length and that the specified value was previously defined in a Field group for the Input groups being sorted.

## PDR1306S

Invalid <SORT> order *order*. The sort order must be ASCENDING or DESCENDING.

**What happened:** You specified an order value other than ASCEND or DESCEND for the Sortmatch group <SORT> tag. The invalid *order* value is given.

**What to do:** Specify a <SORT> tag order value of ASCEND to sort documents in alphanumeric order (1-9 and A-Z). Specify DESCEND to sort documents in reverse alphanumeric order. If you leave the order parameter blank, Enrichment sorts documents in ascending order.

## PDR1307S

Invalid value *value* for the <FORCEOUTPUT> tag. The value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <FORCEOUTPUT> tag. The invalid value is given.



**What to do:** Specify the parameter for <FORCEOUTPUT> as either Yes (process all documents, even if no documents specified as SORT or MATCH have printYN specified as YES) or No (Enrichment is to process only documents that have at least one SORT or MATCH INPUTNAME specified printYN equal YES).

## PDR1308S

Invalid Sortmatch group <INPUTNAME> tag print value *printYN*. Must be YES or NO.

**What happened:** You specified a printYN value other than YES or NO for the Sortmatch group <NAME> tag. The invalid *printYN* value is given.

**What to do:** Specify a <INPUTNAME> tag printYN value of YES to include the input in an output file. Specify NO if you are only using the input as a source of field variable values and Enrichment should not include it in an output file.

## PDR1309S

<INPUT> *name* is missing from the Sortmatch group and no rule file is specified.

**What happened:** You specified more than one Input group, are not using a rule file, and do not have all Input group <NAME> tag values listed in the Sortmatch group. *name* identifies the input not defined in a Sortmatch group <NAME> tag.

**What to do:** Make sure each Input group <NAME> tag name value is duplicated in a <NAME> tag in the Sortmatch group.

## PDR1310S

Invalid value for the <SORT> tag. The value must be **YES** or **NO**.

**What happened:** You specified a value other than **YES** or **NO** for the third parameter of the <SORT> tag.

**What to do:** Specify **YES** or **NO** in third parameter of the <SORT> tag.

## PDR1350S

The Sortmatch group <SORT> tag *fieldname1* is not defined for input *fieldname2*.

**What happened:** You specified a field to sort by that was not used in one of the inputs you are sorting. *fieldname1* identifies the unused field and *fieldname2* indicates the field name of the input being sorted.

**What to do:** Define the field identified by the <SORT> tag field name value in each Input group to be sorted; or remove the indicated <SORT> tag from the Sortmatch group.

## PDR1351W

More than one Sortmatch group encountered. Only the first Sortmatch group is processed.

**What happened:** You specified more than one Sortmatch group in the control file. Enrichment ignored extra Sortmatch groups.

**What to do:** Specify only one Sortmatch group per control file.

## PDR1352S

The Sortmatch group <INPUTNAME> value *name* is not defined in an Input group.

**What happened:** You specified an <INPUTNAME> tag name value in the Sortmatch group that corresponds to no Input group <NAME> tag name value. The invalid *name* value is given.

**What to do:** Make sure all the <INPUTNAME> tag name values listed in the Sortmatch group correspond to Input group <NAME> tag name values.

## PDR1371W

<RECORD> tag only valid on UNIX systems.

**What happened:** You used the <RECORD> tag in an Input, Insertpage, or Insertrec group but you are not using Enrichment for UNIX.

**What to do:** Remove the <RECORD> tag from your control file.

## PDR1372W

*name* tag not valid when processing metacode data.

**What happened:** You specified a tag (identified by *name*) that is not supported during Metacode processing.

**What to do:** Remove the tag from your control file.

## PDR1373I

*name* tag not valid when processing metacode data.

**What happened:** You specified a tag (identified by *name*) that is not supported during Metacode processing.

**What to do:** Remove the tag from your control file.

## PDR1374W

*name* tag is only valid when processing AFPDS, AFP line, AFP mixed, or Metacode data.

**What happened:** You specified a tag (identified by *name*) that is not supported for the data you are processing.

**What to do:** Remove the tag from your control file.

## PDR1375W

*name* tag not valid when processing AFPDS, impact, AFP line, or AFP mixed data

**What happened:** You specified a tag (identified by *name*) that is not supported during AFPDS, impact, AFP line, or AFP mixed data processing.

**What to do:** Remove the tag from your control file.

## PDR1377S

<RECORD> tag *format* contains an invalid format value.

**What happened:** You specified an invalid format value on the <RECORD> tag.

**What to do:** Use ASCII or EBCDIC.

## PDR1378S

<RECORD> tag *indlength* contains an invalid indlength value.

**What happened:** You specified an invalid indlength value on the <RECORD> tag.

**What to do:** Use 0, 2, or 4 for the indlength value.

## PDR1379S

<RECORD> tag *byteorder* contains an invalid byteorder value.

**What happened:** You specified an invalid byteorder value on the <RECORD> tag.

**What to do:** Use MOST, REVERSED, or LEAST.

## PDR1380S

<RECORD> tag *exclusivity* contains an invalid exclusivity value.

**What happened:** You specified an invalid exclusivity value on the <RECORD> tag.

**What to do:** Use INCLUSIVE or EXCLUSIVE.

## PDR1381W

Invalid *checkdigitYN* value for the <BCOCA> tag. The value must be YES or NO. The *checkdigitYN* default is N.

**What happened:** You specified an invalid checkdigitYN value on the <BCOCA> tag.

**What to do:** Use Y[ES] or N[O].

## PDR1382W

Invalid *hripos* value for the <BCOCA> tag. The value must be ABOVE, BELOW, DEFAULT or NO. The *hripos* default is D.

**What happened:** You specified an invalid hri pos value on the <BCOCA> tag.

**What to do:** Use A[BOVE], B[ELOW], D[EFAULT] or N[O].

## PDR1383W

Invalid *asteriskYN* value for the <BCOCA> tag. The value must be YES or NO. The *asteriskYN* default is Y.

**What happened:** You specified an invalid asteri skYN value on the <BCOCA> tag.

**What to do:** Use Y[ES] or N[O].

## PDR1384W

Invalid *suppressblanksYN* value for the <BCOCA> tag. The value must be YES or NO. The *suppressblanksYN* default is N.

**What happened:** You specified an invalid suppressbl anksYN value on the <BCOCA> tag.

**What to do:** Use Y[ES] or N[O].

## PDR1385W

Invalid *printsymbolYN* value for the <BCOCA> tag. The value must be YES or NO. The *printsymbolYN* default is Y.

**What happened:** You specified an invalid pri ntsymbol YN value on the <BCOCA> tag.

**What to do:** Use Y[ES] or N[O].

## PDR1386W

The <BCOCA> tag is not allowed with an <ADDDTYPE> *type*. Enrichment will draw the barcode without using BCOCA.

**What happened:** You used the <BCOCA> tag with an <ADDDTYPE> *type* other than 20F5 or 30F9.

**What to do:** Don't use the <BCOCA> tag with a barcode other than 20F5 or 30F9.

## PDR1387S

The <BCOCA> tag is not valid with print streams other than AFPDS, AFP Line or AFP Mixed.

**What happened:** You used the <BCOCA> tag with a print stream other than AFPDS, AFP Line or AFP Mixed.

**What to do:** Don't use the <BCOCA> tag with a print stream other than AFPDS, AFP Line or AFP Mixed.

## PDR1388S

Invalid ADD group <TLEDESC> value *asciiOrEbcDic*. Must be ASCII or EBCDIC.

**What happened:** You specified a value other than ASCII or EBCDIC for the ADD group <TLEDESC> tag. The invalid *asciiOrEbcDic* is given.

**What to do:** Set <TLEDESC> *asciiOrEbcDic* to EBCDIC to write the *descriptor* in EBCDIC or ASCII to write it in ASCII.

## PDR1389S

<ADDDTYPE> *type* not supported for PDF processing.

**What happened:** You specified an <ADDDTYPE> value that is not supported for PDF processing. Enrichment does not support Aztec, ChinaPost, MaxiCode, Matrix2of5 or Planet barcodes for PDF print streams.

**What to do:** Ensure that the request barcode type is actually required.

## PDR1396S

Invalid <TRACKER> value *height* for 4-State barcode. Shortest bar *height* must be in range 1.0 mm to 1.6 mm or equivalent.

**What happened:** You want to override the derived shortest bar height with the specified height value, but it is out of range.

**What to do:** Change the height value for the shortest bar to be in the range of 1.0 mm to 1.6 mm or equivalent.

## PDR1397W

Specified <BARS> value *wide* for 4-State barcode is country specific and may not work as expected. The sum of the bar gap and the bar width must be within the range of 1.06 mm to 1.15 mm or equivalent to meet specifications of all countries. Default *wide* is 0.6 mm or equivalent.

**What happened:** The wide (bar gap) value you specified is not in the range common to all countries. It may or may not work for your country.

**What to do:** Make sure the sum of the bar width and the value wide (bar gap) is in the range of 1.06 mm to 1.15 mm or equivalent to meet specifications of all countries.

## PDR1398S

Invalid <BARS> value *wide* for 4-State barcode. The sum of the bar gap and bar width must be in the range of 1.02 mm and 1.27 mm or equivalent for possible results. In addition, to meet specifications of all countries, the sum of bar gap and bar width should be in the range of 1.06 mm to 1.15 mm or equivalent. Default *wide* is 0.6 mm or equivalent.

**What happened:** The wide (bar gap) value you specified is out of range.

**What to do:** Make sure that the sum of the value wide (bar gap) and the bar width is in the range of 1.02 mm and 1.27 mm or equivalent for possible results and is in the range of 1.06 mm to 1.15 mm or equivalent to meet specifications of all countries.

## PDR1399S

Invalid <BARS> value *narrow* for 4-State barcode. Bar width must be in the range 0.4 mm to 0.6 mm or equivalent.

**What happened:** The value *narrow* (bar width) you specified is out of range.

**What to do:** Change the *narrow* value to be in the range of 0.4 mm to 0.6 mm or equivalent.

## PDR1400S

Invalid <HEI GHT> value *height* for 4-State barcode. Tallest bar height must be in the range 4.2 mm to 5.8 mm or equivalent.

**What happened:** The height of the tallest bar is out of range.

**What to do:** Change the *height* value to be in the range of 4.2 mm to 5.8 mm or equivalent.

## PDR1401S

Invalid <HEI GHT> value *hei ght*. Must be in the range 1/24 to 2 inches or equivalent.

**What happened:** You specified an Add group <HEI GHT> tag *hei ght* value that was not in the range 1/24 to 2 inches or equivalent. The invalid *hei ght* value is given.

**What to do:** Specify a <HEI GHT> tag *hei ght* value (in a valid *units* type) that is in the range 1/24 to 2 inches or equivalent. Valid *units* values are I N (inches), MM (millimeters), CM (centimeters), POI NTS and PELS.

## PDR1402S

Invalid <BARS> value *narrow* or *wide*. <BARS> parameters must be in the range 1 pel to the equivalent of 1/12 inch (narrow) and 2 pels to the equivalent of 1/4 inch (wide).

**What happened:** You specified an ADD group <BARS> tag *narrow* value that was not in the range 1 pel to 1/12 inch or equivalent, or a *wide* value that was not in the range 2 pels to 1/4 inch or equivalent. The invalid value *narrow* or *wide* is given.



**What to do:** Make sure the <BARS> tag narrow value is in the range 1 pel to 1/12 inch or equivalent and the wide value is in the range 2 pels to ¼ inch or equivalent. Valid UNITS values are IN (inches), MM (millimeters), CM (centimeters), POINTS and PELS.

## PDR1403W

<BARS> wide value *wide* should be 2.5 to 3 times the narrow value of *narrow*.

**What happened:** You specified an Add group <BARS> tag wide value that was not 2.5 to 3 times the value you specified for the narrow parameter. *wide* indicates the wide value you specified and *narrow* indicates the narrow value you specified.

**What to do:** Make sure the value you specify for the <BARS> tag wide parameter is 2.5 to 3 times the value you specify for the narrow parameter.

## PDR1404W

<BARS> narrow value *wide* should not be greater than the wide value *narrow*.

**What happened:** You specified an Add group <BARS> tag narrow value that was greater than the value you specified for the wide parameter. *Wide* indicates the narrow value you specified and *narrow* indicates the wide value you specified.

**What to do:** Make sure the value you specify for the <BARS> tag narrow parameter is not greater than the value you specify for the wide parameter.

## PDR1405S

<POSITION> tag must be used in <ADD> groups with DJDE data.

**What happened:** You have DJDE records specified, but not Metacode. You used the <POSITION> tag in the <ADD> group instead of the <POSITION> tag.

**What to do:** Replace <POSITION> with <POSITION> in the <ADD> group within the <OUTPUT> group in the control file.

## PDR1406S

Invalid <ORIENT> value *orientation*. Must be in the range 1 to 4.

**What happened:** You specified an Add group <ORIENT> tag *orientation* value other than 1, 2, 3, or 4. The invalid *orientation* value is given.

**What to do:** Specify 1 as the *orientation* value to rotate the barcode or text 0° on the physical printed page relative to a portrait presentation; specify 2 to rotate the barcode or text 90°; specify 3 to rotate the barcode or text 180°; or specify 4 to rotate the barcode or text 270°. The <ORIENT> tag *orientation* value does not affect the origin from which the top left corner of the barcode or text is measured.

## PDR1407S

Invalid <POSITION> value *number*. <POSITION> values must be in the range -24000 to 24000 pels.

**What happened:** You specified an Add group <POSITION> tag X, Y, *hri* X or *hri* Y value that was not in the range -24000 to 24000 pels or equivalent. The invalid number is given.

---

**NOTE:** Negative values are valid for PostScript print streams only. All other print streams must be in the range of 0 to 24000 pels.

---

**What to do:** Make sure each <POSITION> tag parameter (except *units*) has a value in the range -24000 to 24000 pels or equivalent. Valid *units* values are I N (inches), MM (millimeters), CM (centimeters), P O I N T S and P E L S.

## PDR1408S

Invalid <OFFSET> value *number*. <OFFSET> values must be in the range 0 to 24000 pels.

**What happened:** You specified an Input or Insertpage group <OFFSET> tag *offset*X or *offset*Y value that was not in the range 0 to 24000 pels or equivalent. The invalid *number* is given.

**What to do:** Make sure each <OFFSET> tag parameter (except *units*) has a value in the range 0 to 24000 pels or equivalent. Valid *units* values are I N (inches), MM (millimeters), CM (centimeters), P O I N T S, and P E L S.

For correct data positioning, the <OFFSET> tag values should duplicate those set by your FORMDEF or copy group.

## PDR1409S

Invalid <POSITION> value *number*. You can specify only two text positions for this type of add.

**What happened:** You set the Add group <ADDDTYPE> tag to FORM, IMAGE, OMR, PLANET, POSTNET, or TEXT, but specified more than two position values for the <POSITION> tag. The invalid number value is given.

**What to do:** If you set <ADDDTYPE> to FORM, IMAGE, or TEXT, specify the hri X and hri Y parameters only. If you set <ADDDTYPE> to PLANET, POSTNET or OMR, specify the X and Y parameters only. If you set <ADDDTYPE> to 2OF5 or 3OF9, specify the X, Y, hri X and hri Y parameters. You can specify the *units* parameter for all add types.

## PDR1410W

Application of offset values to coordinates caused a negative address to be generated. It was reset to 0.

**What happened:** The combination of Add group <POSITION> and <OFFSET> tag values would have caused Enrichment to place the added barcode or text off the physical page. Enrichment ignored the specified position and offset and placed the added barcode or text as if all parameters had been set to 0.

**What to do:** Check Enrichment's placement of the added barcode or text and adjust <POSITION> and <OFFSET> tag values if necessary.

## PDR1411S

<CODEPAGE> name *codepage* is more than 8 characters long.

**What happened:** You specified an Add group <CODEPAGE> tag *codepage* value that is more than 8 characters in length. The invalid *codepage* value is given.

**What to do:** Verify that the name of the code page you specified is correct. Most code page names are 8 characters long. If your system renames code pages, they may be less than 8 characters in length.

## PDR1412S

The <FONT> name *font* is more than 8 characters long.

**What happened:** You specified an Add group <FONT> tag font value that is more than 8 characters in length. The invalid *font* value is given.

**What to do:** Verify that the name of the font you specified is correct. Most font names are 8 characters long. If your system renames fonts, they may be less than 8 characters in length.

## PDR1413W

Invalid <POSITION> values for OMR marks. OMR marks may only specify X and Y values, not hriX and hriY. Extra values *numbers* ignored.

**What happened:** You set the Add group <ADDDTYPE> tag to OMR but specified more than two <POSITION> tag position values. The invalid *numbers* values are given.

**What to do:** Specify the X, Y, and units parameters only, or change the <ADDDTYPE> tag setting.

## PDR1414W

<ADDDTYPE> OMR should not specify a font. <CODEDFONT>, <CODEPAGE>, and <FONT> tags ignored.

**What happened:** You set the Add group <ADDDTYPE> tag to OMR, but you specified a <CODEDFONT> tag or a <FONT> and <CODEPAGE> tag in your Add group. Since OMR marks consist solely of drawn lines and no font or code page information is needed, Enrichment ignored all such information.

**What to do:** Remove any <CODEDFONT>, <CODEPAGE>, and <FONT> tags from Add groups for which you set the <ADDDTYPE> tag to OMR.

## PDR1415S

<CODEDFONT> name *codedfont* is more than 8 characters in length.

**What happened:** You specified an Add group <CODEDFONT> tag codedfont value that is more than 8 characters in length. The incorrect *codedfont* value is given.

**What to do:** Verify that the name of the font you want to use is correct. The coded font name must be 8 characters or less.

## PDR1416S

<ADDDTYPE> tag contains an invalid type specification type. <ADDDTYPE> must be 2OF5, 3OF9, 4STATE, IMB, FORM, IMAGE, MACRO, OMR, PLANET, POSTNET, TEXT, TLE, 128, DATAMATRIX, PDF417, MATRIX25, CHINAPOST, MAXICODE, LINE, DSC, NOP.

**What happened:** You specified an Add group <ADDDTYPE> tag type value other than 2OF5, 3OF9, 4STATE, IMB, FORM, IMAGE, MACRO, OMR, PLANET, POSTNET, TEXT, TLE, 128, DATAMATRIX, PDF417, MATRIX25, CHINAPOST, MAXICODE, LINE, DSC, NOP. The invalid type value is given

**What to do:** Specify an <ADDDTYPE> tag type value of 2OF5 to add an Interleaved 2of5 barcode, 3OF9 to add a 3of9 barcode, 4STATE to add a 4-State barcode, IMB to add an Intelligent Mail Barcode, FORM to add an AFP overlay, IMAGE to add an AFP page segment, MACRO to tell Enrichment to call a macro, OMR to add OMR marks, PLANET to add a PLANET® barcode, POSTNET to add a delivery point barcode, TEXT to add text, or TLE to add index records to an AFP print stream, 128 to add a Code 128 barcode, DATAMATRIX to add a DataMatrix barcode, PDF417 to add a PDF417 barcode, MATRIX25 to add a Matrix 2of5 barcode, CHINAPOST to add a China Postal Barcode, MAXICODE to add a MaxiCode barcode, LINE for drawn line, DSC for postscript description, and NOP for AFP NOP record.

## PDR1417S

<ONPAGE> tag contains an invalid specification *pages*. <ONPAGE> must be ALL, FIRST, LAST, MIDDLE, NFIRST, NLAST, LLAST, or a valid range.

**What happened:** You specified an Add group <ONPAGE> tag value other than ALL, FIRST, LAST, MIDDLE, NFIRST, NLAST, or LLAST, or a valid range.

**What to do:** Specify one of the following <ONPAGE> tag values:

- ALL Add the object to all pages in each document.
- FIRST Add the object only to the first page of each document.
- LAST Add the object only on the last page of each document.
- MIDDLE Add the object to all pages of each document except the first and last.
- NFIRST Add the object to all pages of each document except the first.
- NLAST Add the object to all pages of each document except the last.
- LLAST Add the object only to the last page of the last document.
- num Add the object to the indicated page in each document.

- num1 num2 Add the object to the indicated range of pages in each document.
- num L Add the object to a range of pages that begins at page num and ends at the last page in each document.
- num1 L-num2 Add the object to a range of pages that begins at page num1 and ends num2 pages before the last page in each document.
- L-num Add the object to a specific page num pages before the last page in each document.
- L-num L Add the object to a range of pages that begins num pages before the last page and ends on the last page in each document.
- L-num1 L-num2 Add the object to a range of pages that begins num1 pages before the last page and ends num2 pages before the last page in each document.

## PDR1418S

<ADDPART> syntax *parameters* invalid. <ADDPART> must be in the format: <ADDPART> varname length justify pad or <ADDPART> constant.

**What happened:** You specified an Add group <ADDPART> tag with incorrect syntax. The incorrect *parameters* are given.

**What to do:** If you are specifying an <ADDPART> tag that uses a variable, the syntax should be:

```
<ADDPART> %%varname length justify pad
```

If you are specifying an <ADDPART> tag that uses a constant, the syntax should be:

```
<ADDPART> constant
```

## PDR1419S

<ADDPART>, <SWI TCH> or <SI DEPART> tag *varname* value is too long. It must be no more than 50 characters in length.

**What happened:** You specified a varname value that is more than 50 characters in length for an Add group <ADDPART> or <SWI TCH> or a Sidefile group <SI DEPART> tag. The incorrect varname value is given.

**What to do:** Make sure the varname value you specified for the <ADDPART>, <SWI TCH> or <SI DEPART> tag duplicates an existing variable or field variable name. If it does not, use the correct varname value. If it does match an existing varname value, then change the existing value in both places so that it is no more than 50 characters in length.

## PDR1420I

<ADDPART> *constant* contains lowercase data. Lowercase data will be uppercased.

**What happened:** You specified an Add group <ADDPART> tag constant value that contained lowercase letters for an <ADDDTYPE> tag value of FORM or I MAGE. *constant* identifies the errant value. Since AFP overlay and page segment names must be all uppercase, Enrichment changed the constant value to its uppercase equivalent.

**What to do:** Make sure constant <ADDPART> tag values for add types of FORM or I MAGE are uppercase only.

## PDR1421S

<ADDPART> *varname* contains an invalid length value. The length must be a numeric value.

**What happened:** You used a value other than a number to specify the length value of the Add group <ADDPART> tag identified by *varname*. The <ADDPART> tag length value must be numeric.

**What to do:** For <ADDDTYPE> TEXT, 20F5, 30F5, FORM, I MAGE, or POSTNET, change the length value to specify the length in bytes of the variable value identified by the *varname* parameter. For <ADDDTYPE> OMR, change length to the maximum number of OMR marks to use for the variable, in the range 1 to 14.

## PDR1422S

<ADDPART> *varname* is invalid. Constant add part definitions must contain a constant string.

**What happened:** You specified an Add group <ADDPART> tag followed by a single parameter that begins with %%. Enrichment considers any string that begins with %% a variable name and requires length and optionally justify and pad values. *varname* identifies the errant *varname* value.

**What to do:** If you mean to add a constant value, use a character string that does not begin with %%. If you want to set the <ADDPART> tag to a variable value, use the following syntax:

```
<ADDPART> varname length justify pad
```

## PDR1423S

No position specified in the Add group.

**What happened:** You specified an Add group but did not specify a position for the object. You must specify a position using the <POSITION>, <POSMULTUP>, or <POSLINE> tag for each Add group in the control file.

**What to do:** Specify the horizontal and vertical displacement of the added object on the page using the <POSITION>, <POSLINE>, or <POSMULTUP> tag.

## PDR1424W

<FONTNUM> cannot specify a FORMSX font for non-metacode adds.

**What happened:** You specified a FORMSX font number for an <ADD> to a non-Metacode print stream. The specified number will be ignored.

**What to do:** Remove the font number.

## PDR1425S

<ADDPART> *constant* contained an invalid value. For OMR marks, the value must be numeric and have a value between 1 and 16383.

**What happened:** You specified an Add group <ADDDTYPE> value of OMR, but you set an <ADDPART> tag constant value that was not a number or was not in the valid range. The invalid *constant* value is given.

**What to do:** Set the constant value to a number or a binary or hexadecimal equivalent to a number in the range 1 to 16383.

## PDR1426W

<COLOR> tag for Metacode is valid only for <ADDDTYPE> TEXT.

**What happened:** You specified an Add group <ADDDTYPE> value other than TEXT, but you have Metacode input. Enrichment only supports highlight color for text adds. Enrichment will ignore the request for color.



**What to do:** Remove the <COLOR> tag.

## PDR1427S

<ADDPART> *varname* contains an invalid length value. For OMR marks, the length must be an integer from 1 to 14.

**What happened:** You specified an Add group <ADDDTYPE> value of OMR, but you specified an <ADDPART> tag *length* value that was not a number from 1 to 14. When you set <ADDDTYPE> to OMR, the <ADDPART> tag *length* parameter refers to the maximum number of marks to use to represent the numbers 0 to 16383. The minimum number of marks allowed is 1; the maximum number is 14. The *varname* value of the invalid <ADDPART> tag is given.

**What to do:** Set the *length* parameter for the specified <ADDPART> tag to a value from 1 to 14.

## PDR1428S

<ADDPART> *varname* contains an invalid justify value. Justify must be 1 byte in length and set to R, L, or N.

**What happened:** You specified an Add group <ADDPART> tag *justify* value other than R (right), L (left), or N (none). The *varname* value of the invalid <ADDPART> tag is given.

**What to do:** Specify an <ADDPART> tag *justify* value of R if you want the variable value right-justified with padding or truncation occurring on the left end of the value; specify L if you want the variable value left-justified with padding or truncation occurring on the right end of the value; or specify N if you want the variable value to be left-justified with no padding and truncation occurring on the right end of the value. Setting *justify* to N is valid only for <ADDDTYPE> TEXT.

## PDR1429S

<ADDPART> *varname* contains an invalid pad character. The pad character must be 1 byte in length.

**What happened:** You specified more than one character as the pad value for the Add group <ADDPART> tag. The *varname* value of the invalid <ADDPART> tag is given.

**What to do:** Specify a single-character <ADDPART> tag *pad* value to define the pad character. To use a blank as the pad character, specify a space surrounded by single quotes ( ' ' ).

## PDR1430S

Invalid <FONTNUM> value *number*. Must be in the range 0 to 127 or a single character.

**What happened:** You specified an invalid Add group <FONTNUM> tag value. *number* indicates the invalid value.

**What to do:** Specify a <FONTNUM> tag number value from 0 to 127 if you are printing impact or AFP line data on an AFP printer. Specify a single-character <FONTNUM> tag number value if you are printing on a non-AFP printer in line mode. No other values are valid.

## PDR1431W

Length *number* of PLANET [or POSTNET] barcode exceeds 14 characters. Length truncated to 14 characters.

**What happened:** The total length of the Add group <ADDPART> tag values you specified to add an object of <ADDDTYPE> PLANET or <ADDDTYPE> POSTNET exceeded 14 characters. *number* indicates the total length of the add parts you specified. Enrichment only used the first 14 characters.

**What to do:** Verify that the total length of your <ADDPART> tag values does not exceed 14 characters, including the framing characters.

## PDR1432S

Invalid <HEI GHT> value specified for PLANET® or POSTNET barcode. Must be TALL, NORMAL, or SHORT.

**What happened:** You specified a value other than TALL, NORMAL, or SHORT for a <HEI GHT> tag in an Add group for which you set <ADDDTYPE> to PLANET or POSTNET.

**What to do:** Specify TALL to add the tallest acceptable PLANET® or POSTNET barcode to the output file; specify NORMAL to add a PLANET® or POSTNET barcode of average height to the output file; or specify SHORT to add the shortest acceptable PLANET® or POSTNET barcode to the output file. All values comply with USPS® specifications for PLANET® or POSTNET barcodes.

## PDR1433W

Invalid <POSITION> values for 4-State, PLANET® or POSTNET barcode. Only X and Y values, not hriX and hriY, are valid for 4-State, PLANET® and POSTNET barcodes. Extra values *values* ignored.

**What happened:** You set the Add group <ADDDTYPE> tag to 4STATE, PLANET or POSTNET, but specified X, Y, hri X, and hri Y values for the <POSITION> tag. Since 4-State, PLANET® and POSTNET barcodes do not have a human-readable interpretation (HRI), only the X and Y values are used. *values* indicates the extra values.

**What to do:** Remove the indicated hri X and hri Y values from the <POSITION> tag.

## PDR1434W

Add groups with <ADDDTYPE> 4STATE, PLANET or POSTNET should not specify a font. <CODEDFONT>, <CODEPAGE>, <FONT>, and <FONTNUM> tags ignored.

**What happened:** You set the <ADDDTYPE> tag to 4STATE, PLANET or POSTNET, but specified one or more of the following tags in the Add group: <CODEDFONT>, <CODEPAGE>, <FONT>, and <FONTNUM>. Since 4-State, PLANET® and POSTNET barcodes do not have a human-readable interpretation (HRI), Enrichment ignored code page or font specifications.

**What to do:** Remove <CODEDFONT>, <CODEPAGE>, <FONT>, and <FONTNUM> tags from Add groups for which you set the <ADDDTYPE> tag to 4STATE, PLANET or POSTNET.

## PDR1435S

Invalid <BARS> value specified for PLANET® or POSTNET barcode. Must be THIN, NORMAL, or WIDE.

**What happened:** You set the Add group <ADDDTYPE> tag to PLANET or POSTNET, but specified a <BARS> tag value other than THIN, NORMAL, or WIDE.

**What to do:** Specify THIN to add the narrowest acceptable PLANET® or POSTNET barcode to the output file; specify NORMAL to add a PLANET® or POSTNET barcode of average width to the output file; or specify WIDE to add the widest acceptable PLANET® or POSTNET barcode to the output file. All values comply with USPS® specifications for PLANET® or POSTNET barcodes.

## PDR1436S

Missing row or column value for <POSMULTUP> value.

**What happened:** You specified only a row or column value on the <POSMULTUP> tag. The *value* you specified is given.

**What to do:** Specify the row number of the logical multiple-up page on the paper for the row parameter; specify the column number of the logical multiple-up page on the paper for the column parameter.

## PDR1437S

Only one <POSITION> or <POSITION> tag allowed.

**What happened:** You specified both a <POSITION> tag and a <POSITION> tag in an Add group. You cannot use both tags in the same Add group.

**What to do:** Remove either the <POSITION> tag or the <POSITION> tag from the Add group. Keep the <POSITION> tag if you want to add text after a record in line or mixed data. Keep the <POSITION> tag if you want to add an Interleaved 2of5 barcode, a 3of9 barcode, a 4-State barcode, a form, an image, OMR marks, a PLANET® barcode, a POSTNET barcode, or text as a presentation text (PTX) record in the output.

## PDR1438S

Invalid <POSITION> row or column number *value*.

**What happened:** You specified an invalid row or column value on an Add group <POSITION> tag. The row or column number indicated by *value* exceeded the maximum number of records or columns on the logical page.

**What to do:** Check the input and make sure you are specifying the row and column values correctly. If you are trying to add text after a record number that does not exist, Enrichment will add the text with a blank channel number after the last record on the page.

## PDR1439S

Invalid carriage control value *cc* for <POSITION>.

**What happened:** You specified a *cc* value other than TRC, CC, or NOCC for the Add group <POSLINE> tag. The invalid *cc* value is given.

**What to do:** Specify a <POSLINE> tag *cc* value of TRC if your data contains both carriage controls and table reference characters (TRCs); specify CC if your data contains carriage controls but no TRCs; or specify NOCC if your data contains neither carriage controls nor TRCs.

## PDR1440S

Invalid value *direction* for <POSLINE> direction. Must be HORIZONTAL or VERTICAL.

**What happened:** You specified a *direction* value other than HORIZONTAL or VERTICAL on the Add group <POSLINE> tag. The invalid *direction* value is given.

**What to do:** Specify HORIZONTAL if you want objects defined by one or more <ADDPART> tags added horizontally on the page; specify VERTICAL if you want objects added vertically on the page.

## PDR1441S

Invalid <POSLINE> reverse value *reverse*. Must be FORWARD or REVERSE.

**What happened:** You specified a <POSLINE> tag reverse value other than FORWARD or REVERSE. The invalid *reverse* value is given.

**What to do:** Specify FORWARD if you want text defined by one or more <ADDPART> tags added from left to right if you set the *direction* parameter to HORIZONTAL or top to bottom if you set the *direction* parameter to VERTICAL. Specify REVERSE if you want text added from right to left or from bottom to top.

## PDR1442S

Invalid <POSMULTUP> position value *number*. Values must be in the range 0 to 24000 pels.

**What happened:** You specified an Add group <POSMULTUP> tag *barX*, *barY*, *textX*, or *textY* value that was not in the range 0 to 24000 pels or equivalent. The invalid *number* is given.

**What to do:** Make sure all <POSMULTUP> tag position parameters have a value in the range 0 to 24000 pels or equivalent. Valid *units* values are IN (inches), MM (millimeters), CM (centimeters), POINTS, and PELS.

## PDR1443S

<POS LI NE> method value *method* is invalid. Must be LINE or RECORD.

**What happened:** You specified an invalid Add group <POS LI NE> tag method value. The invalid *method* is given.

**What to do:** Set the <POS LI NE> tag method parameter to LI NE if the row parameter specifies a line on a printed page. Set the method parameter to RECORD if the row parameter specifies a record in the print stream data set.

## PDR1444S

Invalid <ONS I DE> value *side*. Must be FRONT, BACK or ALL.

**What happened:** You specified an invalid value for the Add group <ONS I DE> tag. *side* indicates the invalid value.

**What to do:** Set the <ONS I DE> tag to FRONT to specify that the added object prints only on the front of duplex pages; to BACK to specify that the added object prints only on the back of duplex pages; or to ALL to specify that the added object prints on the front and back of duplex pages.

## PDR1445S

Invalid FORMSX value *mnumber* on <FONTNUM>. Must be in the range 0 to 255.

**What happened:** You specified an invalid Add group <FONTNUM> tag *mnumber* value. The *mnumber* parameter specifies the font number of the Xerox font (FORMSX) to use to draw barcodes or OMR marks in Metacode data. *mnumber* indicates the invalid value.

**What to do:** Verify that you set the <FONTNUM> tag *mnumber* parameter to a number in the range 0 to 127 that identifies a valid FORMSX font.

## PDR1446S

<POS LI NE> cannot contain both NOCC and LINE.

**What happened:** You set the cc parameter to NOCC and the method parameter to LI NE on the same Add group <POS LI NE> tag. The NOCC setting specifies that the input print stream

contains neither carriage controls nor TRCs, while the LINE setting specifies that the row parameter defines a line on a printed page. Thus, the settings conflict.

**What to do:** Change one of the values so their settings no longer conflict.

## PDR1447S

Invalid <FONT> coded font local identifier value *localid*. *localid* must be in the range 1 to 254.

**What happened:** You specified an invalid Add group <FONT> tag coded font local identifier that was not between 1 and 254. *localid* indicates the invalid value.

**What to do:** Specify a <FONT> tag local id value from 1 to 254 to be used as the coded font local identifier in the MCF and PTX structured fields. If you do not specify a value, Enrichment generates a *localid* of 29.

## PDR1448S

Invalid <CODEDFONT> or <FONTNAME> coded font local identifier value *localid*. *localid* must be in the range 1 to 254.

**What happened:** You specified an invalid Add group <CODEDFONT> or <FONTNAME> tag coded font local identifier that was not between 1 and 254. *localid* indicates the invalid value.

**What to do:** Specify a <CODEDFONT> or <FONTNAME> tag local id value from 1 to 254 to be used as the coded font local identifier in the MCF, MDR, and PTX structured fields. If you do not specify a value, Enrichment generates a *localid* of 29.

## PDR1449S

Invalid <AXIS> value *axis*. *axis* must be either NORMAL or REVERSED.

**What happened:** You specified an invalid Add group <AXIS> tag value, neither NORMAL or REVERSED. *axis* indicates the invalid value.

**What to do:** Specify an <AXIS> tag value of NORMAL or REVERSED.

## PDR1450S

Variable `%%OMR_EVEN` [or `%%OMR_ODD`] should only be used with OMR marks.

**What happened:** You used `%%OMR_EVEN` or `%%OMR_ODD` with a barcode type other than OMR.

**What to do:** Change the variable name to another name.

## PDR1451W

Missing trailing framing character in the POSTNET [or PLANET®] barcode. Enrichment will assume the last character of the barcode is the trailing framing character.

**What happened:** You used a leading framing character for the barcode, but you did not have a trailing framing character for it.

**What to do:** Check the barcode string and make sure it has the two framing non-digit characters on both ends.

## PDR1452S

No variable is defined that matches `<ADDPART>`, `<SWI TCH>`, `<SI DEHEADER>`, `<SI DETRAI LER>`, or `<SI DEPART>` variable name value *varname*.

**What happened:** You specified a *varname* value for an Add group `<ADDPART>`, `<SWI TCH>` or Sidefile group `<SI DEPART>` tag that is not defined as a field variable, in a rule file, or in a variable file. The undefined *varname* value is given.

**What to do:** Either correct the *varname* value so that it matches a defined variable name or define a variable with that name as a field variable, in a rule file or in a variable file.

## PDR1453W

OMR mark `<ADDPART>` *varname* contained non-numeric character *character* within value: *string*. The numeric value was truncated at this character.

**What happened:** You set the Add group `<ADDDTYPE>` tag to OMR, but the value of the variable you specified in the `<ADDPART>` tag *varname* parameter contains non-numeric characters. The *varname* value of the errant `<ADDPART>` tag, the incorrect *string*, and the non-numeric



*character* are given. Since only numeric values or binary or hexadecimal equivalents of numeric values are acceptable values for OMR marks, Enrichment truncates the variable value indicated by the <ADDPART> tag varname value at the first occurrence of a non-numeric character. Enrichment ignored the non-numeric character and all subsequent characters in the value.

**What to do:** Check the variable value indicated by the <ADDPART> tag varname value for non-numeric characters; you may need to change the way you define the variable values so that only numeric values are passed to the Add group for which the <ADDDTYPE> tag is set to O(MR).

## PDR1454S

<POSLI NE> is only valid for <ADDDTYPE> TEXT

**What happened:** You used the Add group <POSLI NE> tag for an Add where the <ADDDTYPE> was not TEXT.

**What to do:** Remove the <POSLI NE> tag or set <ADDDTYPE> to TEXT.

## PDR1455S

<POSLI NE> is not valid for Metacode

**What happened:** You used the Add group <POSLI NE> tag for an Add but the print stream has Metacode

**What to do:** Remove the <POSLI NE> tag and use the <POSITION> tag.

## PDR1456S

<POSLI NE> is not valid for PCL or PostScript.

**What happened:** You used the Add group <POSLI NE> tag for an Add, but the print stream has PCL.

**What to do:** Remove the <POSLI NE> tag and use the <POSITION> tag.

## PDR1457S

The value specified for the *tag* tag was invalid or non-numeric. This tag requires a numeric value between *minrange* and *maxrange*.

**What happened:** You specified a value that was not numeric or was not in the given range.

**What to do:** Specify a numeric value in the given range.

## PDR1458S

The value specified for the *operand* operand for the *tag* tag was non-numeric. The value specified was *value*.

**What happened:** You specified a value for the *operand* operand that was not numeric.

**What to do:** Specify a numeric value.

## PDR1459S

The value required for the *operand* operand for the *tag* tag was missing.

**What happened:** The *operand* operand value was omitted.

**What to do:** Specify the appropriate value.

## PDR1460S

*direction* is not a valid direction parameter for the <REFERENCE> tag.

**What happened:** The direction parameter value is invalid.

**What to do:** Specify the appropriate value for the direction parameter.

## PDR1461W

A <POSITION> tag has been specified with the HRI params omitted. The x,y values will be set to 1550, 115 PELS.

**What happened:** For a 3of9 or a 2of5 barcode that is not PCL or Postscript data the default x,y values of the HRI text will be set to 1550, 115 PELS.

**What to do:** No further action is required. However, if you wish to change the default placement of the barcode's HRI, specify the x,y values as the third and fourth parameters in the <POSITION> tag.

## PDR1462S

Invalid value for the <DATAMATRIX> tag. The value must be YES or NO.

**What happened:** You specified a value other than YES or NO for the first parameter of the <DATAMATRIX> tag.

**What to do:** Specify YES or NO in first parameter of the <DATAMATRIX> tag.

## PDR1463S

Invalid value for the <CODE128> tag. The value must be A, B, or C.

**What happened:** You specified a value other than A, B, or C in the <CODE128> tag.

**What to do:** Specify A, B, or C in the <CODE128> tag.

## PDR1464S

*value* is not a valid aspect ratio for the <PDF417> tag. It must be in the range 0 to 10.

**What happened:** You specified an invalid aspect ratio in the <PDF417> tag.

**What to do:** Specify a value between 0 and 10 as the first parameter of the <PDF417> tag.

## PDR1465S

*value* is not a valid error correction level for the <PDF417> tag. It must be in the range 0 to 5.

**What happened:** You specified an invalid error correction level in the <PDF417> tag.

**What to do:** Specify a value between 0 and 5 as the second parameter of the <PDF417> tag.

## PDR1466S

*value* is not a valid error correction level for the <DATAMATRIX> tag. It must be in the range 0 to 24.

**What happened:** You specified an invalid error correction level in the second parameter of the <DATAMATRIX> tag.

**What to do:** Specify a value between 0 and 24 as the second parameter of the <DATAMATRIX> tag.

## PDR1467S

Invalid <HEIGHT> value.

**What happened:** You specified an invalid value for the <HEIGHT> tag.

**What to do:** See the *Enrichment Language Reference* for a listing of valid values.

## PDR1468S

Invalid <BARS> narrow value *value*. For DataMatrix barcodes, the narrow needs to be at least 8 PELS.

**What happened:** You specified a <BARS> or <CELLSIZE> narrow value that was less than 8 pels.

**What to do:** Specify a value that is at least 8 pels.

## PDR1469S

Invalid <HEIGHT> value *height*. For PDF417 barcodes, the height needs to be at least 8 PELS.

**What happened:** You specified a <HEIGHT> value that was less than 8 pels. For Metacode, this must be at least 8 pels.

**What to do:** Specify a value that is at least 8 pels.

## PDR1470W

<CELLSI ZE> width value *value* was shifted up to *value* pels. For DataMatrix barcodes, the width needs to be at least 8 pels.

**What happened:** When converted to pels, the value must be at least 8 pels, and the specified value was not at least 8 pels. Enrichment will use the value as modified.

**What to do:** Either accept the new modified value, or specify a new value.

## PDR1471W

<CELLSI ZE> height value *value* was shifted up to 8 pels. For PDF417 barcodes, the height needs to be at least 8 PELS.

**What happened:** When converted to pels, the specified value must be at least 8 pels, and the specified value that was not at least 8 pels. Enrichment will use the value of 8 pels.

**What to do:** Either accept the new modified value, or specify a new value.

## PDR1474S

Invalid value *value* for the <DATAMATRI X> parameter encodeMode. The value must be ASCII, C40, TEXT, X12, EDIFACT, B256, or DEFAULT.

**What happened:** You specified an invalid value.

**What to do:** Specify a valid value for the third parameter of <DATAMATRI X>.

## PDR1475S

Cannot draw ChinaPost barcodes with an <ORI ENT> value of 2 or 4.

**What happened:** Enrichment cannot draw a bar that is less than 8 pels in the vertical direction, but the ChinaPost barcode contains bars that are less than 8 pels. This means that the ChinaPost barcode cannot be drawn in landscape.

**What to do:** Specify a value other than 2 or 4 for the <ORI ENT> tag.

## PDR1476S

Invalid <MAXI CODE> value. It must be in the range of 2 to 6.

**What happened:** You specified an invalid MaxiCode encoding mode.

**What to do:** Specify a value of 2, 3, 4, 5, or 6 for the <MAXI CODE> tag.

## PDR1477W

MaxiCode message exceeds capacity and will be truncated

**What happened:** You specified too much data to encode. The amount of data exceeds the capacity of the MaxiCode barcode and will be truncated.

**What to do:** Reduce the amount of data so that it does not exceed the capacity of the MaxiCode barcode.

## PDR1478W

<UPSSHI PTOADDRESS> length is too long. It has been truncated to 35 characters.

**What happened:** You specified a destination address that was longer than 35 characters. The maximum length of an address in a MaxiCode barcode is 35 characters.

**What to do:** Reduce the length of the destination address.

## PDR1479W

<UPSPI CKUPDAY> value is not valid. It must be between 0 and 366.

**What happened:** You specified a pickup day that was not in the valid range.

**What to do:** Specify the Julian day (the day of the year) for the pickup date. If the pickup day is unknown, specify 0.

## PDR1480W

<UPSSHI PTOCI TY> length is too long. It has been truncated to 20 characters.

**What happened:** You specified a destination city that was longer than 20 characters. The maximum length of a city in a MaxiCode barcode is 20 characters.

**What to do:** Reduce the length of the destination city.

## PDR1481S

<UPSTRACKI NGNUMBER> must be exactly 10 characters.

**What happened:** The value specified for the UPS tracking number was not 10 characters long.

**What to do:** Correct the tracking number to be a valid 10-character tracking number.

## PDR1482S

<UPSSHI PPERNUMBER> must be exactly 6 characters.

**What happened:** The value specified for the UPS shipper number was not 6 characters long.

**What to do:** Correct the shipper number to be a valid 6-character UPS-assigned shipper number.

## PDR1483W

<UPSSHI PMENTI D> must not exceed 30 characters.

**What happened:** The value specified for the UPS shipment ID was longer than 30 characters.

**What to do:** Correct the shipment ID a valid shipment ID not longer than 30 characters.

## PDR1484W

<UPSPACKAGEI NSHI PMENT> value must be less than 999.

**What happened:** The package number specified was greater than 999.

**What to do:** Correct the package number to be less than 999.

## PDR1485W

<UPSPACKAGEWEIGHT> value is not valid. Package weight must be less than 9999.

**What happened:** The package weight specified was greater than 9999.

**What to do:** Correct the package weight to be less than 9999.

## PDR1486S

<UPSADDRESSVALIDATION> value is not valid. The value must be either Y or N.

**What happened:** An invalid value was specified.

**What to do:** Change the value to be Y or N.

## PDR1487S

<UPSSHIPSTATE> value length is not valid. It must be exactly two characters.

**What happened:** You specified a value for the destination state that was not exactly two characters.

**What to do:** Change the value to be the two-character postal abbreviation for the destination state.

## PDR1488S

The MaxiCode barcode is not supported for Metacode print streams.

**What happened:** You attempted to add a MaxiCode barcode to a Metacode print stream. Enrichment cannot add MaxiCode barcodes to Metacode print streams.



**What to do:** Remove the Add tag group that adds the MaxiCode barcode, or choose a different barcode type.

## PDR1489W

<UPSPOSTALCODE> value must not exceed 9 characters.

**What happened:** You specified a destination postal code that was longer than 9 characters.

**What to do:** Modify the destination postal code so that it is 9 characters or less.

## PDR1490S

<UPSCCLASSOFSERVICE> value is not valid.

**What happened:** You specified an invalid UPS service code. An example of a service is Next Day Air.

**What to do:** Specify a valid service code. For a listing of valid codes, see:

<http://www.ups.com/sap/interface/servicecodes.html>

## PDR1491W

<UPSCOUNTRYCODE> value is not valid.

**What happened:** You specified an invalid destination country code.

**What to do:** Specify a valid country code for the destination country. The country code must be the three-digit ISO country code.

## PDR1492S

<UPSCCLASSOFSERVICE> is required for MaxiCode mode 2 and 3.

**What happened:** Enrichment attempted to generate a MaxiCode barcode using encoding mode 2 or 3 but the <UPSCCLASSOFSERVICE> tag is missing from the Add tag group.

**What to do:** Include a <UPSCCLASSOFSERVI CE> tag in the Add tag group or choose a different encoding mode.

## PDR1493S

<UPSPPOSTALCODE> is required for MaxiCode mode 2 and 3.

**What happened:** Enrichment attempted to generate a MaxiCode barcode using encoding mode 2 or 3 but the <UPSPPOSTALCODE> tag is missing from the Add tag group.

**What to do:** Include a <UPSPPOSTALCODE> tag in the Add tag group or choose a different encoding mode.

## PDR1494S

<ADDPART> is required for the specified MaxiCode encoding mode.

**What happened:** Enrichment attempted to generate a MaxiCode barcode but the <ADDPART> tag is missing from the Add tag group.

**What to do:** Include an <ADDPART> tag in the Add tag group or choose a different encoding mode.

## PDR1495W

Invalid <TRACKER> value for IMB. The tracker height should be within the range of 0.039 inches to 0.057 inches or equivalent.

**What happened:** Enrichment attempted to generate an Intelligent Mail Barcode but the height specified for the tracker bar is invalid.

**What to do:** Modify the value specified in the <TRACKER> tag to be between 0.039 inches and 0.057 inches.

## PDR1496W

Invalid <BARS> *wi de* value for IMB. The sum of the bar gap and bar width must be within the range of 0.04 inches to 0.05 inches or equivalent.

**What happened:** Enrichment attempted to generate an Intelligent Mail Barcode but the value specified in the *wi de* parameter of the <BARS> tag is invalid.

**What to do:** Modify the value specified in the *wi de* parameter of the <BARS> tag to be between 0.04 inches and 0.05 inches.

## PDR1497W

Invalid <BARS> *narrow* value for IMB. The bar width must be within the range of 0.015 inches to 0.025 inches or equivalent.

**What happened:** Enrichment attempted to generate an Intelligent Mail Barcode but the value specified in the *narrow* parameter of the <BARS> tag is invalid.

**What to do:** Modify the value specified in the *narrow* parameter of the <BARS> tag to be between 0.015 inches and 0.025 inches.

## PDR1498W

Invalid <HEI GHT> value for IMB. The height should be within the range of 0.125 inches to 0.165 inches or equivalent.

**What happened:** Enrichment attempted to generate an Intelligent Mail Barcode but the height specified is invalid.

**What to do:** Modify the value specified in the <HEI GHT> tag to be between 0.125 inches and 0.165 inches.

## PDR1499S

<ADDPART> contents exceeds 253 characters in length.

**What happened:** You used an <ADDPART> tag in an AFP print stream and specified an <ADDPART> value greater than 253 characters.

**What to do:** Use multiple <ADD> groups to reduce the length of the <ADDPART> tags.

## PDR1500S

Length of <ADDPART> contents exceed 244 for Metacode.

**What happened:** You used an <ADDPART> tag in an Metacode print stream and specified an <ADDPART> value greater than 244 characters.

**What to do:** Use multiple <ADD> groups to reduce the length of the <ADDPART> tags.

## PDR1501I

<REPORTLENGTH> *length* ignored because the L= run-time line switch was also present.

**What happened:** You specified the /L or -L Enrichment run-time argument to define the record length of messages in the Enrichment processing report. Enrichment uses the *length* value specified in the run-time argument instead of the value you set in the Environment group <REPORTLENGTH> tag. *length* indicates the overridden <REPORTLENGTH> tag value.

**What to do:** This message requires no further action.

## PDR1502I

<MESSAGELEVEL> *level* ignored because the R= run-time line switch was also present.

**What happened:** You specified the /R or -R Enrichment run-time argument to identify which Enrichment messages to include in the processing report. Enrichment uses the *level* value specified in the run-time argument instead of the value you set in the Environment group <MESSAGELEVEL> tag. *level* indicates the overridden <MESSAGELEVEL> tag value.

**What to do:** This message requires no further action.

## PDR1503I

<ERRORLEVEL> *level* ignored because the E= command line switch was also present.

**What happened:** You specified the /E or -E Enrichment run-time argument to identify what level of Enrichment messages stop processing. Enrichment uses the *level* value specified in the run-time argument instead of the value you set in the Environment group <ERRORLEVEL> tag. *level* indicates the overridden <ERRORLEVEL> tag value.

**What to do:** This message requires no further action.

## PDR1504S

No variable is defined that matches variable name in <ADD> group.

**What happened:** You specified an undefined variable in <ORIENT>, <POSITION> or another tag in the <ADD> group.

**What to do:** Check the rule section and make sure variables are defined.

## PDR1505W

<COLOR> ignored for MaxiCode.

**What happened:** The <COLOR> tag is specified in a MaxiCode type (<addtype> X). MaxiCode barcodes are black-and-white only. The <COLOR> tag is ignored.

**What to do:** Remove <color> tag.

## PDR1506S

Invalid <PDF417> parameter *value*. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <PDF417> tag. The invalid value is given.

**What to do:** Specify the parameter for <PDF417> as either Yes (translate the contents of the PDF417 barcode from EBCDIC to ASCII) or No.

## PDR1507S

Invalid <DATAMATRIX> parameter %%var1%%. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <DATAMATRIX> tag. The invalid value is given.

**What to do:** Specify the parameter for <DATAMATRIX> as either Yes (translate the contents of the DATAMATRIX barcode from EBCDIC to ASCII) or No.

## PDR1508S

Variable %%var1%% is not defined.

**What happened:** You specified a variable name that is not defined.

**What to do:** Correct the variable name.

## PDR1509S

*errorCorrection* is not a valid error correction level for the <QRCODE> tag. It must be in the range 0 to 3.

**What happened:** You specified an invalid value for the <QRCODE> parameter *errorCorrection*. The value must be from 0 to 3. The invalid value is given.

**What to do:** Specify an integer between 0 and 3 for the <QRCODE> parameter *errorCorrection*.

## PDR1510S

Invalid value *encodeMode* for the <QRCODE> parameter *encodeMode*. The value must be NUMERIC, ALPHANUMERIC BINARY, or KANJI.

**What happened:** You specified a value other than NUMERIC, ALPHANUMERIC BINARY, or KANJI. The invalid value is given.

**What to do:** Specify one of these values: NUMERIC, ALPHANUMERIC BINARY, or KANJI.

## PDR1511S

*errorCorrection* is not a valid error correction level for the <AZTEC> tag mode *encodeMode*. It must be in the range *lowValue* to *highValue*.

**What happened:** You specified value outside the valid range for the specified mode.

**What to do:** Specify the *errorCorrection* value as a number within the specified range.

## PDR1512S

Invalid value *encodeMode* for the <AZTEC> parameter *encodeMode*. The value must be NORMAL, COMPACT, FULL, or RUNE.

**What happened:** You specified a value other than NORMAL, COMPACT, FULL, or RUNE for the <AZTEC> parameter *encodeMode*. The invalid value is given.

**What to do:** Specify the *encodeMode* parameter for <AZTEC> as one of NORMAL, COMPACT, FULL, or RUNE.

## PDR1513S

<EAN> *quietZoneYN* contains an invalid quietzone value. The value must be YES or NO.

**What happened:** You specified a *quietZoneYN* value other than YES or NO for the <EAN> tag. The invalid quietzoneYN is given.

**What to do:** Specify YES if you want the quiet zone character '>' to appear. Specify NO if you do not want it to appear.

## PDR1514S

<FONTDESCRIP TOR> height value *height* must be numeric and in the range 0 to 32767

**What happened:** You specified a value that was not in the range 0 to 32767. The invalid *height* value is given.

**What to do:** Specify an integer between 0 and 32767 for the <FONTDESCRIP TOR> tag *height* value.

## PDR1515S

<FONTDESCRIP TOR> width value *width* must be numeric and in the range 0 to 32767

**What happened:** You specified a value that was not in the range 0 to 32767. The invalid *wi dth* value is given.

**What to do:** Specify an integer between 0 and 32767 for the <FONTDESCRI PTOR> tag *wi dth* value.

## PDR1516S

Invalid <POSI TI ON> values for drawn line. Lines may only specify X and Y values, not hriX and hriY. Extra values %%var1%% ignored.

**What happened:** You set the Add group <ADDTYPE> tag to LINE, but specified X, Y, hriX, and hriY values for the <POSI TI ON> tag. Since LINE do not have a human-readable interpretation (HRI), only the X and Y values are used. values indicates the extra values.

**What to do:** Remove the indicated hriX and hriY values from the <POSI TI ON> tag.

## PDR1517S

Invalid <DRAWLI NE> value *thicknessOrLength* <DRAWLI NE> values must be in the range 0 to 24000 pels.

**What happened:** You specified an Input or Insertpage group <DRAWLI NE> tag thickness or length value that was not in the range 0 to 24000 pels or equivalent. The invalid number is given.

**What to do:** Make sure each <DRAWLI NE> tag parameter (except units) has a value in the range 0 to 24000 pels or equivalent. Valid units values are IN (inches), MM (millimeters), CM (centimeters), POINTS, and PELS.

## PDR1518S

Invalid <ORI ENT> value *characterOrientation*. Must be in the range 1 to 4.

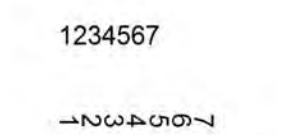
**What happened:** You specified an Add group <ORI ENT> tag *characterOrientation* value other than 1, 2, 3, or 4. The invalid orientation value is given.

**What to do:** Specify 1 as the orientation value to rotate the individual characters 0° on the physical printed page relative to a portrait presentation; specify 2 to rotate the individual characters 90°; specify 3 to rotate the individual characters 180°; or specify 4 to rotate the



individual characters 270°. The <ORI ENT> tag *characterOrientation* value does not affect the origin from which the top left corner of the barcode or text is measured.

The image below illustrates the distinction between the text orientation, and the character orientation. The top text is using *characterOrientation* 1 and the bottom is using 2.



## PDR1519S

Invalid <CCSID> *ccsid*. Must be in the range 0 to 65535.

**What happened:** You specified a *ccsid* value other than a number from 0 to 65535 for the Add group <CCSID> tag. The invalid *ccsid* value is given.

**What to do:** Specify a number from 0 to 65535 in the <CCSID> *ccsid* parameter to define the Coded Character Set ID.

## PDR1520S

<SIDEINIT> *sideinit* contains an invalid init character. The init character must be 1 byte in length.

**What happened:** You specified an invalid init value on the <SIDEINIT> tag.

**What to do:** Specify a valid character.

## PDR1521W

Invalid <REPORTLENGTH> *length*. Must be 80 or 132.

**What happened:** You specified a value other than 80 or 132 for the Environment group <REPORTLENGTH> tag. The invalid *length* value is given.

**What to do:** Specify a <REPORTLENGTH> tag length value of 80 to set the record length for messages in the Enrichment processing report to 80 characters. Specify 132 to set the record length to 132 characters.

## PDR1522W

Invalid <MESSAGELEVEL> *level*. Must be DETAIL, PROCESSING, INFORMATION, WARNING, SEVERE, or NONE.

**What happened:** You specified a value other than DETAIL, PROCESSING, INFORMATION, WARNING, SEVERE, or NONE for the Environment group <MESSAGELEVEL> tag. The invalid *level* value is given.

**What to do:** Specify a <MESSAGELEVEL> tag level value of DETAIL, PROCESSING, INFORMATION, WARNING, SEVERE, or NONE to define the level of messages Enrichment includes in the processing report. All messages more severe than the specified level are also included in the processing report. For example, if you specify P to include all processing messages, Enrichment also places information, warning, and severe messages in the report.

## PDR1523W

Invalid <ERRORLEVEL> *level*. Must be INFORMATION, WARNING, or SEVERE.

**What happened:** You specified a value other than INFORMATION, WARNING, or SEVERE for the Environment group <ERRORLEVEL> tag. The invalid *level* value is given.

**What to do:** Specify an <ERRORLEVEL> tag level value of INFORMATION, WARNING, or SEVERE to define the level of error at which you want Enrichment processing to stop. Enrichment processing always stops at a severe error.

## PDR1524S

Invalid <DOCBUFFER> *size*. Must be in the range 1K to 1000M.

**What happened:** You specified a value that was not in the range 1K to 1000M for the Environment group <DOCBUFFER> tag. The invalid *size* value is given.

**What to do:** Specify a number followed by K (kilobytes) or M (megabytes) to define the size of memory blocks to allocate to Enrichment for each document found within each input during processing. The size value must be in the range 1K to 1000M.

## PDR1525S

Invalid <FILEBUFFER> *size*. Must be in the range 1K to 1000M.

**What happened:** You specified a value that was not in the range 1K to 1000M for the Environment group <FILEBUFFER> tag. The invalid *size* value is given.

**What to do:** Specify a number followed by K (kilobytes) or M (megabytes) to define the size of memory blocks to allocate to Enrichment to hold each input during processing if you set the Input group <I O> tag to MEMORY or OPTIMUM. The *size* value must be in the range 1K to 1000M.

## PDR1526S

Invalid <HIPERTRANSFER> *size*. Must be in the range 0 to 2M.

**What happened:** You specified a value that was not in the range 0 to 2M for the Environment group <HIPERTRANSFER> tag. The invalid *size* value is given.

**What to do:** Specify a valid *size* value followed by K (kilobytes) or M (megabytes) to define the size of the memory transfer area for hiperspace if you set the Input group <I O> tag to HIPERSPACE, TRANSFER or OPTIMUM. The *size* value must be in the range 0 to 2M.

## PDR1527S

Invalid <MAXFILEBUFFERS> *number*. Must be in the range 1 to 10000.

**What happened:** You specified a value that was not in the range 1 to 10000 for the Environment group <MAXFILEBUFFERS> tag. The invalid *number* value is given.

**What to do:** Specify a valid <MAXFILEBUFFERS> tag number value that defines the maximum number of file buffers to allocate in memory. The number value must be in the range 1 to 10000.

## PDR1528S

<HIPERMAX> value out of range.

**What happened:** You specified a value that was not in the range 1K to 2048M for the Environment group <HIPERMAX> tag. The invalid value is given.

**What to do:** Specify a valid <HI PERMAX> tag value that defines the maximum amount of HiperSpace to use before switching to VSAM.

## PDR1529W

<TITLE> string length of *reporttitle* is too long. It has been truncated to 60 characters.

**What happened:** You specified a title string that was more than 60 characters long. It was truncated on the right to 60 characters.

**What to do:** Specify a title string that is less than 60 characters in length.

## PDR1530S

Invalid value *value* for the <BDTPASSTHRU> tag. The value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <BDTPASSTHRU> tag. The invalid value given.

**What to do:** Specify the parameter for <BDTPASSTHRU> as either Yes (Enrichment is to ignore and pass through BDT and EDT records) or No (Enrichment is to ensure only one BDT and EDT record per output).

## PDR1531W

<REMOVENOP> string length of *length* is too long. It has been truncated to 255 characters.

**What happened:** You specified a string for <REMOVENOP> that was longer than 255 characters. It was truncated at 255 characters.

**What to do:** Specify a string that does not exceed 255 characters.

## PDR1532W

Value for *string* variable defined in <FI LEMAXBUFFERS> tag is not found.  
<FI LEMAXBUFFERS> set to its default value.

**What happened:** The string and variable defined at run time does not have the same value. Variable substitution does not take place for the <FI LEMAXBUFFERS> tag.

**What to do:** The user-defined variable in the control file and the value defined at the run time should be same.

## PDR1533S

Invalid value value for the <PAGEPASSTHRU> tag. The value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <PAGEPASSTHRU> tag. The invalid value given.

**What to do:** Specify the parameter for <PAGEPASSTHRU> as either Yes (Enrichment is to ignore and pass through %%Page and %%Pages) or No.

## PDR1534W

Inkjet file records are too short of length for <OUTFI LE1> tag. Set to its default value which is 400.

**What happened:** You specified a Inkjet file record length of less than 85 bytes in record length for the <OUTFI LE1> tag.

**What to do:** Increase the record length.

## PDR1535S

<SPECTRUMSTAGES> tag *varname* value is too long. It must be no more than 50 characters in length.

**What happened :** You specified a value that is more than 50 characters in length. The incorrect value is given.

**What to do:** Make sure the <SPECTRUMSTAGES> tag values are no more than 50 characters in length.

## PDR1536S

<UNDERLINE> *underlineYN* is invalid. The value must be Yes or No.

**What happened:** You specified a value other than Yes or No for the <UNDERLINE> tag. The invalid value is given.

**What to do:** Specify the parameter for <UNDERLINE> as either yes or no.

## PDR1600S

Multiple Rule groups encountered. Only 1 is allowed.

**What happened:** You defined more than one Rule group in your control file. Enrichment used only the first Rule group encountered.

**What to do:** Put all of your rules in one rule file and define one Rule group with only that file listed.

## PDR1601S

The Rule group <NAME> tag value *name* is more than 50 characters in length.

**What happened:** You specified a Rule group <NAME> tag name value that is more than 50 characters in length. The invalid *name* value is given.

**What to do:** Specify a name value for the Rule group <NAME> tag that is no more than 50 characters in length.

## PDR1604S

The Rule group must contain either a <FILE> tag or a Content group.

**What happened:** The Rule group does not contain either a <FILE> tag or a Content group.

**What to do:** Define either a <FILE> tag or a Content group for the Rule group.

## PDR1605S

Direction on <ADDDTYPE> tag must be FORWARD or REVERSE, not *direction*.

**What happened:** You specified an invalid Add group <ADDDTYPE> tag direction value. *direction* indicates the invalid value.

**What to do:** Set the <ADDDTYPE> tag direction parameter to FORWARD if Enrichment should add information specified by the <ADDPART> tags from left to right. Specify REVERSE if Enrichment should reverse the order of the characters specified by all of the <ADDPART> tags.

## PDR1606S

Order on <ADDDTYPE> tag must be FOREGROUND or BACKGROUND, not *italic* order *italic*.

**What happened:** You specified an invalid Add group <ADDDTYPE> tag order value. *italic* order *italic* indicates the invalid value.

**What to do:** Set the <ADDDTYPE> tag order parameter to FOREGROUND, this places the add information in front of all data and images on the page. Specifying BACKGROUND places the add information behind all data and images on the page.

## PDR1607S

Invalid value for <ADDDTYPE> tag. Order parameter is only valid for input <TYPE> *PDF* and should be applicable only on *IMAGE* or *FORM*.

**What happened:** You specified an invalid Add group <ADDDTYPE> tag.

**What to do:** Specify the type parameter for <ADDDTYPE> as either *IMAGE* or *FORM*. Also the print stream should be *PDF* only.

## PDR1635S

The <LOCATI ON> tag requires a ROW parameter.

**What happened:** You specified a Field group <LOCATI ON> tag without the required row parameter.

**What to do:** Verify that each <LOCATI ON> tag in your control file includes values for the row, col umn, and l ength parameters.

## PDR1636S

The <LOCATI ON> tag ROW value *row* is invalid.

**What happened:** You specified an invalid value for the Field group <LOCATI ON> tag row parameter. *row* indicates the invalid value.

**What to do:** Verify that the row value you specify is one of the following:

- The number of the record or line that contains the field information on the page. In this case, the row value must be greater than 0.
- The number of records or lines from the reference point to the record that contains the field information. In this case, the row value can be a negative or positive number or 0.

## PDR1637S

The <LOCATI ON> tag may not specify R if the Field group contains no <REFERENCE> tag.

**What happened:** You set a Field group <LOCATI ON> tag rel at i ve parameter to R but the Field group contains no <REFERENCE> tag. Enrichment sets the rel at i ve parameter to P.

**What to do:** Change the <LOCATI ON> tag rel at i ve parameters to P or add a <REFERENCE> tag to the Field group.

## PDR1638S

Invalid <LOCATI ON> tag relative value *relative*. Must be R or P.

**What happened:** You specified a value other than R or P for one of the Field group <LOCATI ON> tag rel at i ve parameters. *relative* indicates the invalid value.

**What to do:** Set the appropriate rel at i ve parameter to R if the row or col umn value is relative to the reference point defined by the <REFERENCE> tag or to the reference field defined by the <FI ELDREF> tag. Set the appropriate parameter to P if the row value is relative to the top of the page or the col umn value is relative to the left-most column of data on the page.



## PDR1639S

The <LOCATI ON> tag page-based reference must be positive.

**What happened:** You specified a Field group <LOCATI ON> tag row or col umn value of 0 or a negative number and the parameter's rel at i ve value is set to P.

**What to do:** Make sure the row or col umn parameter for which rel at i ve is set to P has a positive value.

## PDR1640S

The <LOCATI ON> tag requires a COLUMN parameter.

**What happened:** You specified a Field group <LOCATI ON> tag without the required col umn parameter.

**What to do:** Verify that each <LOCATI ON> tag in your control file includes values for the row, col umn, and l ength parameters.

## PDR1641S

The <LOCATI ON> tag COLUMN value *column* is invalid.

**What happened:** You specified an invalid value for the Field group <LOCATI ON> tag col umn parameter. *column* indicates the invalid value.

**What to do:** Verify that the col umn value you specify correctly indicates the column number of the first character of the field information or the number of columns from the reference point to the first character of the field information.

## PDR1642S

The <LOCATI ON> tag requires a LENGTH parameter.

**What happened:** You specified a Field group <LOCATI ON> tag without the required l ength parameter.

**What to do:** Verify that each <LOCATI ON> tag in your control file includes values for the row, col umn, and l ength parameters.

## PDR1643S

The <LOCATI ON> tag LENGTH value *length* is invalid.

**What happened:** You specified an invalid value for the Field group <LOCATI ON> tag Length parameter. *length* indicates the invalid value.

**What to do:** Verify that the Length value you specify correctly indicates the length, in characters, of the field information. The maximum value is 32767.

## PDR1644S

Invalid <LOCATI ON> tag method value *method*. Must be LINE or RECORD.

**What happened:** You specified a value other than LINE or RECORD for the Field group <LOCATI ON> tag method parameter. *method* indicates the invalid value.

**What to do:** Specify a <LOCATI ON> tag method value of LINE if Enrichment will count lines of printed data to locate field information; specify RECORD if Enrichment will count records in the print stream.

## PDR1645S

The <LOCATI ON> line/record number *overprint* is invalid.

**What happened:** You specified an invalid value for the Field group <LOCATI ON> tag overpri nt parameter. *overprint* indicates the invalid value.

**What to do:** If the Input, Insertpage, or Insertrec group <TYPE> tag type parameter is set to I MPACT, AFPLI NE, AFPMI XED, or DJDE, set the overpri nt value so it specifies which line of data to check when more than one record in the print stream corresponds to a single printed line. If <TYPE> is set to AFPDS or METACODE, do not set an overpri nt value.

## PDR1646S

<ONPAGE> range *page1 page2* is invalid.

**What happened:** You specified a Field group <ONPAGE> tag value that was an invalid range.

**What to do:** Specify one of the following <ONPAGE> tag values:

- ALL Look for the field information on all pages in each document.
- FIRST Look for the field information only on the first page of each document.
- LAST Look for the field information only on the last page of each document.
- MIDDLE Look for the field information on all pages of each document except the first and last.
- NFIRST Look for the field information on all pages of each document except the first.
- NLAST Look for the field information on all pages of each document except the last.
- num Look for the field information on the indicated page in each document.
- num1 num2 Look for the field information on the indicated range of pages in each document.
- num L Look for the field information on a range of pages that begins at page num and ends at the last page in each document.
- num1 L-num2 Look for the field information on a range of pages that begins at page num1 and ends num2 pages before the last page in each document.
- L-num Look for the field information on a specific page num pages before the last page in each document.
- L-num L Look for the field information on a range of pages that begins num pages before the last page and ends on the last page in each document.
- L-num1 L-num2 Look for the field information on a range of pages that begins num1 pages before the last page and ends num2 pages before the last page in each document.

## PDR1647W

Invalid <LOCATI ON> Tag column value on field fieldname may generate a negative column location.

**What happened:** You specified a negative relative column value that may cause the field *fieldname* to be located before the beginning of the record.

**What to do:** Specify a <LOCATI ON> tag column value that ensures that the beginning of the field is at least at the beginning of the record.

## PDR1648S

Invalid <LOCATION> tag column value on FIELD *fieldName* generated a negative column location.

**What happened:** The specified field has a negative *column* value, and was found in a record such that the beginning of the field would be before the first byte of the record. This is not valid.

**What to do:** Ensure that the data is being generated correctly, or change the specified field to avoid this.

## PDR1652S

The field *name* specified in the Address group *address* is not defined.

**What happened:** You identified a <LINE> in an Address group that has not been defined in the Input group.

**What to do:** Define all fields that identify an Address inside the Input group that contains the Address group.

## PDR1653S

<ADDRESSBLOCK> is not allowed if an <ADDRESS> tag is also specified.

**What happened:** You specified both an <ADDRESSBLOCK> tag and an <ADDRESS> tag.

**What to do:** Use <ADDRESSBLOCK> or <ADDRESS>, not both.

## PDR1654S

<ADDRESSBLOCK> is only allowed for Input files of type AFPLINE, AFPMIXED, DJDE, or IMPACT

**What happened:** You specified an <ADDRESSBLOCK> tag for non-line data input.

**What to do:** Use the <ADDRESS> tag to define addresses in non-line data applications.

## PDR1655S

<ADDRESSBLOCK> X and Y values must both be specified.

**What happened:** You specified an <ADDRESSBLOCK> tag but did not specify the X and Y locations for the address.

**What to do:** Specify both X and Y anchor coordinates.

## PDR1656S

<ADDRESSBLOCK> *row/column* coordinate value *value* is invalid.

**What happened:** You specified an invalid <ADDRESSBLOCK> coordinate.

**What to do:** Specify valid X and Y anchor coordinates.

## PDR1657W

The <DOCUMENT> name *fieldname* is more than 50 characters. It is truncated to 50 characters.

**What happened:** You specified a *fieldname* value over 50 characters in length for the <DOCUMENT> tag. Enrichment only uses the first 50 characters of the *fieldname* you specified. The incorrect *fieldname* value is given. Enrichment ignored the extra characters.

**What to do:** Use a name you defined with a Field group for the <DOCUMENT> tag *fieldname* value. A name cannot be more than 50 characters in length.

## PDR1658S

The <DOCUMENT> name *fieldname* has not been defined by a <FIELD>.

**What happened:** You specified a value for the <DOCUMENT> tag that you did not define with a Field group. The undefined *fieldname* value is given.

**What to do:** Use a Field group to define the *fieldname* you want to use as the <DOCUMENT> tag value; or change the <DOCUMENT> tag *fieldname* value to one that you have already defined.

## PDR1659S

<ADDRESSBLOCK> length value *length* is invalid.

**What happened:** You specified an invalid <ADDRESSBLOCK> length.

**What to do:** Specify a valid length value. The length value can be up to 70 characters and must be a positive number.

## PDR1660S

<ADDRESSBLOCK> depth value *depth* is invalid.

**What happened:** You specified an invalid <ADDRESSBLOCK> depth.

**What to do:** Specify a valid depth value. The depth value can be from 1 to 6 lines or records.

## PDR1661S

Invalid <ADDRESSBLOCK> count method *method*. *method* must be LINES or RECORDS.

**What happened:** You specified a value other than LINES or RECORDS for the *method* parameter on the <ADDRESSBLOCK> tag. The invalid *method* value is given.

**What to do:** Specify LINES if your address block consists of consecutive print lines; specify RECORDS if your address block consists of consecutive records.

## PDR1663S

Invalid <DOCUMENT> value *type*.

**What happened:** You specified a type value other than \*, TOP, BOTTOM, or a number for the <DOCUMENT> tag.

**What to do:** Correct your type parameter.

## PDR1664S

Only one <DOCUMENT> tag may specify number of pages.

**What happened:** You specified more than one <DOCUMENT> tag that used the number of pages specification.

**What to do:** Remove one of the tags.

## PDR1665S

<DOCUMENT> tags may not mix Top and Bottom specifications.

**What happened:** You specified <DOCUMENT> tags that used both Top and Bottom specifications. These may not be mixed.

**What to do:** Use only Top or Bottom <DOCUMENT> tags.

## PDR1666S

<FI ELD> *fieldname* cannot be a <DOCUMENT> specification because it is an <onpage> field.

**What happened:** You specified an <ONPAGE> tag in the Field group you are using to define the top or bottom of a document. Since Enrichment does not know how a document is defined yet, you cannot tell it to look for the field (or the first or last page of a document) on a specific page.

**What to do:** Remove the <ONPAGE> tag from the Field group. If you need to pick up the data specified by the field on a specific page, define a second Field group using a different field name and the <ONPAGE> tag.

## PDR1667W

<FI ELD> *fieldname* should not contain a <fi el dref> because it is a <DOCUMENT> specification. It has been corrected.

**What happened:** The field you are using to define the top or bottom of a document contains a <FI ELDREF> tag. This tag is obsolete. Enrichment internally defines a <reference> for this field and continues processing.

**What to do:** Redefine the field used with the <DOCUMENT> tag so that it contains a <REFERENCE> tag instead of a <FI ELDREF> tag.

## PDR1668S

<CLEANSE> Y requires <ADDRESS> tag or <ADDRESSBLOCK> tag.

**What happened:** Address cleansing is turned on but there is no address data defined.

**What to do:** Add the <ADDRESS> or <ADDRESSBLOCK> tag to define the address data.

## PDR1670S

Field group <TEXTUNTI L> *type* contains an invalid value.

**What happened:** You specified an invalid <TEXTUNTI L> *type* value.

**What to do:** Specify a *type* of X, XR, Y, YR, S(*tri ng*), R(*ecord*), or T(*ext*).

## PDR1671S

Field group <TEXTUNTI L> *value* may not be specified for *types* of RECORD or TEXT.

**What happened:** You specified a <TEXTUNTI L> *type* of R(*ecord*) or T(*ext*) and also tried to specify a size or string to look for.

**What to do:** Remove the *val ue* parameter from the <TEXTUNTI L> tag or change the <TEXTUNTI L> *type* to X, XR, Y, YR, or S(*tri ng*).

## PDR1672S

The <TEXTUNTI L> tag with *type string* must have a character string as the *value* parameter, but it is missing.

**What happened:** You specified a <TEXTUNTI L> *type* of S(*tri ng*) but did not specify a character string for the *val ue* parameter.

**What to do:** Specify the *val ue* parameter. Remember to put single quotes around the character string if it has space(s) in it.

## PDR1680S

Field *fieldname1* references field *fieldname2* with a <FI ELDREF> tag, but the field <LOCATI ON> tag parameters do not match.

**What happened:** You used the <FI ELDREF> or <FREF> tag with a Field tag, but the referenced field specifies different <LOCATI ON> tag parameters than the current field.



**What to do:** Make sure you use the same <LOCATI ON> tag parameter format for both the current field and the referenced field.

## PDR1700S

Data encountered in variable definition file that is not part of any variable. Record image: *data*.

**What happened:** Enrichment found data other than an equal sign (=) or a variable definition in the variable definition file. The extraneous *data* is given.

**What to do:** Make sure that each line of the variable definition file starts with an =, a %, or an asterisk (\*). Enrichment does not allow multi-line variables in the variable definition file.

## PDR1702S

Invalid <G1FRMM> tag value *value* in the CASS group. Must be YES or NO.

**What happened:** You specified the firmMatchYN value other than YES or NO.

**What to do:** Specify YES to look for a firm name match, or NO to not.

## PDR1703S

CASS group <G1HEADER> value *value* is too long. Maximum length is 40 characters.

**What happened:** You specified a header text for <G1HEADER> that is too long.

**What to do:** Reword the text to be under 40 characters.

## PDR1704S

Invalid <G1LLO> tag value *value* in the CASS group. Must be YES or NO.

**What happened:** You specified the limitedaddressmatchYN value other than YES or NO.

**What to do:** Specify Y to Limit address match to ZIP locality, NO to perform standard processing.

## PDR1705S

Invalid <G1DUAL> tag value *value* in the CASS group. Must be NORMAL, STREET or POBOX.

**What happened:** You specified the multipleaddressline value other than NORMAL, STREET, POBOX.

**What to do:** Specify NORMAL to match scoring for street address elements, input ZIP Code, matching address line, and so on, STREET to Return a street match, regardless of the address line. or POBOX to Return a PO Box match, regardless of the address line.

## PDR1706S

Invalid CASS group <G1CASE> value %%var1%%. Must be UPPER or MIXED.

**What happened:** You specified the case value other than UPPER or MIXED

**What to do:** Specified UPPER to return output in uppercase or MIXED in mixed case.

## PDR1707S

<G1PARAM> must be specified if <CASSTYPE> is G.

**What happened:** <G1PARAM> must be specified.

**What to do:** If the <CASSTYPE> is specified as "G", <G1PARAM> must be specified.

## PDR1708S

Error writing CODE-1 Plus parameter file.

Filename: *filename*

C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment was unable to open the parameter file that it will use to tell CODE-1 Plus how to process.

**What to do:** Make sure that you have write access to the directory in which you are running Enrichment.

## PDR1709I

CODE-1 Plus is beginning processing.

**What happened:** CODE-1 Plus is beginning processing.

**What to do:** This message does not require any action.

## PDR1710S

Could not load C1BMCBD.

**What happened:** Enrichment could not load the C1BMCBD module needed to use CODE-1 Plus.

**What to do:** Make sure that CODE-1 Plus is fully installed at your site. If CODE-1 Plus is installed, see your systems administrator.

## PDR1711S

Invalid CASS group <LPCFRMCORR> value *correctfnameYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCFRMCORR> tag value other than YES or NO. The invalid *correctfnameYN* is given.

**What to do:** Specify an <LPCFRMCORR> tag value of YES to correct the firm name in the given address. Specify NO to keep the firm name already in the address, whether it is right or wrong.

## PDR1712S

Invalid CASS group <LPCFRMLBL> value *label*. Must be DATABASE or INPUT.

**What happened:** You specified a CASS group <LPCFRMLBL> tag value other than DATABASE or I NPUT. The invalid *label* is given.

**What to do:** Specify an <LPCFRMLBL> tag value of DATABASE or INPUT.

## PDR1713S

There was a problem calling CODE-1 Plus. Return code: *code*. Check the CODE-1 Plus report.

**What happened:** Enrichment called CODE-1 Plus and CODE-1 Plus returned the specified error code. This error is typically caused by a CODE-1 Plus initialization error.

**What to do:** Check the CODE-1 Plus report to determine what the problem is. Refer to the CODE-1 Plus documentation for additional information on the specific error code returned by CODE-1 Plus.

## PDR1714S

Invalid CASS group *value value value*. Value must be Y[ES] or N[O].

**What happened:** You specified a CODE-1 Plus related tag in the CASS group with values other than YES or NO.

**What to do:** Specify YES to include specified tag in report file or No to not include in report file.

## PDR1715S

Invalid CASS group <G1USCN> value *value*. Value must be a two digit number.

**What happened:** You specified an invalid value for the CODE-1 Plus configuration number.

**What to do:** Use a two digit number.

## PDR1716S

Invalid CASS group <G1ELC> value *value*. Value must be between 1 and 100.

**What happened:** You specified an invalid value for CODE-1 Plus execution log counter.

**What to do:** Specify a value between 1 and 100.

## PDR1717S

This executable cannot call CODE-1 Plus. Use sweaverc instead.

**What happened:** You tried to use the sweaver or sweaverL executable to run a Enrichment application on UNIX or Linux that calls CODE-1 Plus.

**What to do:** Use the sweaverc Enrichment executable to run the application.

## PDR1718S

CASS group <LPCADDRSCNOPTS> value *addrscanOptions* is too long. Maximum length is 6 characters.

**What happened:** You specified a value for the Cass group <LPCADDRSCNOPTS> tag that is greater than 6 characters in length. The invalid *addrscanOptions* value is given.

**What to do:** Make sure the *addrscanOptions* is no longer than 6 characters.

## PDR1720S

Only one AFPindex group can be specified.

**What happened:** Enrichment found more than one AFPindex group in the control file.

**What to do:** Delete all but one AFPindex group from your control file. If you need to build more than one AFP Index, specify multiple <PART> tags in the AFPindex group.

## PDR1721S

The AFPindex group contained no <PART> tags.

**What happened:** Your control file contains an AFPindex group, but you specified no <PART> tags within it.

**What to do:** Specify at least one <PART> tag in the AFPindex group. Each <PART> tag identifies a variable to write to the AFP Index.

## PDR1722S

The AFPindex group <PART> tag must include a variable name.

**What happened:** You specified an AFPindex group <PART> tag that contained no varname value.

**What to do:** Verify that each <PART> tag has the following syntax:

```
<PART> descriptor varname
```

where *descriptor* is up to 250 characters that describe the AFP Index part, and *varname* is a variable name that begins with %% whose information Enrichment is to add to the AFP Index.

## PDR1723S

The AFPindex group <PART> tag variable *varname* has not been defined.

**What happened:** You specified a varname value that was not defined in your control file for an AFPindex group <PART> tag. *varname* indicates the unrecognized value.

**What to do:** Verify that the specified varname value is spelled correctly and that it is one of the following:

- Identical to the name value of a Field group <FIELD> tag identified with %% as a field variable.
- A system variable.
- Defined in a rule, variable definition file, or variable flat file. If the variable is defined in a variable flat file, you must also define it in a variables group <VAR> tag.

## PDR1724S

The AFPindex group <PART> tag must specify a length of \* or between 1 and 250. *descriptor* is invalid.

**What happened:** You specified an invalid length value for an AFPindex group <PART> tag. *descriptor* indicates the descriptor value of the errant <PART> tag.

**What to do:** Specify a length value of an asterisk (\*) or a number in the range 1 to 250.

## PDR1725S

The AFPindex group <PART> tag must specify a length for system variables between 1 and 12. *length* is invalid.

**What happened:** You specified an invalid svl ength value for an AFPindex group <PART> tag. *length* indicates the invalid value.

**What to do:** Specify a length between 1 and 12. If you don't specify a length or an asterisk (\*), the default length for system variables is 8. All system variables in TLEs are zero padded and right justified.

## PDR1726I

Both the <LABELSONLY> and <FI ELDREPLACE> were specified as yes. The <FI ELDREPLACE> tag will be ignored.

**What happened:** You specified both <LABELSONLY> and <FI ELDREPLACE> tags as yes. No field replacement during CASS processing will occur.

**What to do:** This may have happened because you allowed the <FI ELDREPLACE> tag to default to yes. In this case you may either ignore the message, or set <FI ELDREPLACE> to no. Otherwise, your results may not be what you intended. You should verify which tag you meant to use.

## PDR1728S

Control file contains a CASS group, but no Input group contains a <CLEANSE> tag.

**What happened:** You did not specify a <CLEANSE> tag in any of your Input groups and you are attempting to cleanse addresses.

**What to do:** Either specify a <CLEANSE> tag set to YES in each Input group whose addresses you want to cleanse, or remove the CASS group from your control file.

## PDR1729W

The control file contains a CASS group, but no Input group contains a <CLEANSE> Y specification. No CASS™ address cleansing will be performed.

**What happened:** You have specified a CASS group, indicating to Enrichment that you want addresses cleanse, but you have specified <CLEANSE> NO in one or more of your Input groups.

**What to do:** If you want to cleanse the addresses in the Input group, set <CLEANSE> to YES instead of NO.

## PDR1730S

Only one CASS group can be specified.

**What happened:** You specified more than one CASS group in your control file. Enrichment allows only one.

**What to do:** Decide which CASS group contains the correct parameters for postal cleansing. Delete all other CASS groups from the control file.

## PDR1731S

Invalid CASS group <LPCLI NES> value *size*. Must be in the range 25 to 999.

**What happened:** You specified a CASS group <LPCLI NES> tag *size* value that was not in the range 25 to 999. The invalid *size* value is given.

**What to do:** Specify an integer from 25 to 999 for the <LPCLI NES> tag to define the number of lines to print in a Finalist report before a page break.

## PDR1732S

Invalid CASS group <LPCLI NEMAX> value *size*. Must be in the range 1 to 70.

**What happened:** You specified a CASS group <LPCLI NEMAX> tag *size* value that was not in the range 1 to 70. The invalid *size* value is given.

**What to do:** Specify an integer from 1 to 70 for the <LPCLI NEMAX> tag to define the maximum length of lines of concatenated data when the ADDRSCAN subroutine of Finalist concatenates related data from multiple lines.



## PDR1733S

Invalid CASS group <LPC3553> tag string value *string*. The value is too long.

**What happened:** You specified a CASS group <LPC3553> tag string value that was too long for the report piece it was associated with. *string* indicates the invalid string.

**What to do:** Make sure all <LPC3553> tags have a string value compatible with the length allowed for the report section identified by the piece parameter.

## PDR1734S

Invalid CASS group <LPC3553> tag. If the tag is specified, a value must also be specified.

**What happened:** You specified a CASS group <LPC3553> tag without any parameters.

**What to do:** Make sure that all <LPC3553> tags include a piece value that identifies a Finalist 3553 facsimile report piece and a string value that identifies the information to pass to the indicated report piece.

## PDR1735S

Invalid CASS group <LPC3553> tag piece value *piece*. Must be B1, B4, B5, D2A, D2B, D2C, D2D, D2E, or D2F.

**What happened:** You specified a CASS group <LPC3553> tag with a piece value other than B1, B4, B5, D2A, D2B, D2C, D2D, D2E, or D2F. The invalid *piece* is given.

**What to do:** Make the piece value identify one of the following Finalist 3553 facsimile report pieces:

- B1 The list processor's name, up to 26 characters in length.
- B4 The address list name or ID number, up to 26 characters in length.
- B5 The number of lists, up to 23 characters in length. D2A Line 1 of the mailer's name and address, up to 38 characters in length.
- D2B Line 2 of the mailer's name and address, up to 38 characters in length.
- D2C Line 3 of the mailer's name and address, up to 38 characters in length.
- D2D Line 4 of the mailer's name and address, up to 38 characters in length.
- D2E Line 5 of the mailer's name and address, up to 38 characters in length.
- D2F Line 6 of the mailer's name and address, up to 38 characters in length.

## PDR1736S

Invalid CASS group <LPCALSLBL> value *usealiasYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCALSLBL> tag with a *usealiasYN* other than YES or NO. The invalid *usealiasYN* is given.

**What to do:** Specify YES if you want to use the value from the alternate label return area of Pitney Bowes Finalist; specify NO if you want to use the value from the regular label return area.

## PDR1737S

Invalid CASS group <LPCI SOLST> report length *number*. Must be in the range 1 to 99999999.

**What happened:** You specified a CASS group <LPCI SOLST> tag number value that was not in the range 1 to 99999999. The invalid *number* is given.

**What to do:** Specify an <LPCI SOLST> value in the range 1 to 99999999 to define the maximum number of records Finalist will place in the ISOL/ST report.

## PDR1738S

Invalid CASS group <LPCSAMPLE> report length *records*. Must be in the range 1 to 99999999.

**What happened:** You specified a CASS group <LPCSAMPLE> tag records value that was not in the range 1 to 99999999. The invalid *records* is given.

**What to do:** Specify an <LPCSAMPLE> value in the range 1 to 99999999 to define the maximum number of records Finalist will place in the Input/Output Sample report.

## PDR1739S

Invalid CASS group <LPCBUFFERS> number of buffers *buffers*. Must be in the range 6 to 999.

**What happened:** You specified a CASS group <LPCBUFFERS> tag buffers value that was not in the range 6 to 999. The invalid *buffers* is given.

**What to do:** Specify an <LPCSAMPLE> value in the range 6 to 999 to define the number of buffers Finalist will allocate for processing.

## PDR1740S

Invalid <CASSTYPE> value *type*. Must be LPC, GROUP1, NATIVE, or UAM.

**What happened:** You specified an invalid value for <CASSTYPE>.

**What to do:** Specify a <CASSTYPE> tag type value of LPC to use Finalist, NATIVE to use Finalist in native mode, or GROUP1 to use CODE-1 Plus to cleanse addresses, or UAM to use Specturm service.

## PDR1741S

Invalid CASS group <LPCNTHRPT> value *records*. Must be in the range 1 to 9999.

**What happened:** You specified a CASS group <LPCNTHRPT> tag records value that was not in the range 1 to 9999. The invalid *records* value is given.

**What to do:** Specify a number from 1 to 9999 for the <LPCNTHRPT> tag records value to specify the lines of a report you want printed. For example, specify 1 to print every line of the Finalist Input/Output Listing reports, or specify 10 to print every tenth line of the reports.

## PDR1742S

CASS group <LPCTITLE> value *string* is too long.

**What happened:** You specified more than 40 characters in the CASS group <LPCTITLE> tag string parameter for a title for the Finalist Input/Output Reports. The invalid *string* value is given.

**What to do:** Specify an <LPCTITLE> tag value up to 40 characters in length for the title for Finalist Input/Output Reports 1 through 6.

## PDR1743S

Field %%VAR1%% which has been specified as an address line for CASS™ cleansing is too long.

**What happened:** You specified more than 70 characters in a field to be used for CASS™ cleansing.

**What to do:** Reduce the length of the specified field to 70 characters.

## PDR1745S

Invalid CASS group <LPCADDRSCN> value *value*. Must be of the form <LPCADDRSCN> line1 line2 options; where line1 is 1,3,5,7,8 or 9; line2 is B or a number 1 through 8; and options is A, N, R, or S.

**What happened:** You specified an invalid <LPCADDRSCN> tag line1, line2, or options value. The invalid *value* is given.

**What to do:** Specify valid line1, line2, and options values for the <LPCADDRSCN> tag.

## PDR1746S

Invalid CASS group <LPCUNI Q> value *uniquezipYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCUNI Q> tag value other than YES or NO. The invalid *uniquezipYN* is given.

**What to do:** Specify an <LPCUNI Q> tag value of YES if Finalist is to set a high priority on unique ZIP Codes assigned to a large business or building. Specify NO to set a higher priority on the ZIP Code™ assigned to the street address.

## PDR1747S

Invalid CASS group <LPCSTRPHON> value *phoneticYN*. Must be YES or NO.

**What happened:** You specified an <LPCSTRPHON> tag value other than YES or NO. The invalid *phoneticYN* is given.

**What to do:** Specify an <LPCSTRPHON> tag value of YES to vary the spelling of the input street name or use an abbreviation of up to three characters in length to match the Finalist Data File. Specify NO to keep the street name already in the address.

## PDR1748S

Invalid CASS group <LPCCTYPHON> value *phoneticYN*. Must be YES or NO.

**What happened:** You specified an <LPCCTYPHON> tag value other than YES or NO. The invalid *phoneticYN* is given.

**What to do:** Specify an <LPCCTYPHON> tag value of YES to use a spelling variation of the input city name to match the Finalist Data File. Specify NO to keep the city name already in the address.

## PDR1749S

Invalid CASS group <LPCWEI GHT> value *logic*. Must be NO, YES, or ZIP4.

**What happened:** You specified an <LPCWEI GHT> tag *logic* value other than YES, NO, or ZIP4. The invalid *logic* value is given.

**What to do:** Specify an <LPCWEI GHT> tag *logic* value of YES to use weighted logic to assign the closest equivalent of the carrier route code when multiple carrier routes are available or when the street range is not valid; specify ZIP4 to use weighted logic to assign the closest equivalent of both the carrier route code and the sector and segment; or specify NO to use no weighted logic to assign a carrier route or the sector and segment.

## PDR1750S

Invalid CASS group <LPCZI PCORR> value *correctYN*. Must be YES or NO, optionally followed by a threshold for the return code (0,1,2, or 9).

**What happened:** You specified an <LPCZI PCORR> tag *correctYN* parameter other than YES or NO or you specified a *level* value other than 0, 1, or 2. The invalid *correctYN* is given.

**What to do:** Specify an <LPCZI PCORR> tag *correctYN* of YES to correct the ZIP Code™ (if necessary) in the given address. Specify NO to keep the ZIP Code™ already in the address, whether it is right or wrong.

Specify a *level* value of 0 to replace and sort by the ZIP Code™ only if the Finalist return code is 0; specify 1 to replace and sort by the ZIP Code™ only if the return code is 0 or 1; specify 2 to replace and sort by the ZIP Code™ only if the return code is 0, 1, or 2.

## PDR1751S

Invalid CASS group <LPCCTYCORR> value *correctctyYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCCTYCORR> tag value other than YES or NO. The invalid *correctctyYN* is given.

**What to do:** Specify an <LPCCTYCORR> tag value of YES to correct the city name to match the ZIP Code™ (if necessary) in the given address. Specify NO to keep the city already in the address, whether it is right or wrong.

## PDR1752S

Invalid CASS group <LPCSTRCOSM> value *standardizeYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCSTRCOSM> tag value other than YES or NO. The invalid *standardizeYN* is given.

**What to do:** Specify an <LPCSTRCOSM> tag value of YES to standardize and return the street name (if necessary) in the given address per USPS® Publication 28 regulations. Specify NO to keep the street name already in the address.

## PDR1753S

Invalid CASS group <LPCFRMPARS> value *line1YN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCFRMPARS> tag value other than YES or NO. The invalid *line1YN* is given.

**What to do:** Specify an <LPCFRMPARS> tag value of YES to parse the firm name and address to the first and second lines of the standardized address if Finalist codes to a firm. Specify NO to return the firm name in the second line of the standardized address if Finalist codes to a firm.

## PDR1754S

Invalid CASS group <LPCUNI TDES> value *standardizeYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCUNI TDES> tag value other than YES or NO. The invalid *standardizeYN* is given.

**What to do:** Specify an <LPCUNI TDES> tag value of YES to standardize and return the standardized four-byte unit designator in the given address per USPS® Publication 28 regulations. Specify NO to return the pound sign (#) instead of the standardized unit designator (this does not conform to Publication 28 regulations).

## PDR1755S

Invalid CASS group <LPCCTYLONG> value *returnlongctyYN*. Must be YES or NO.

**What happened:** You specified an <LPCCTYLONG> tag value other than YES or NO. The invalid *returnlongctyYN* is given.

**What to do:** Specify an <LPCCTYLONG> tag value of YES to return the standardized 25-byte (long) city name to the %%ci ty system variable. Specify NO to return the standardized 13-byte (short) city name to the %%ci ty system variable.

## PDR1756S

Invalid CASS group <LPCFUNC> value *lookup*. Must be 4, 5, 6, or 7.

**What happened:** You specified a CASS group <LPCFUNC> tag *lookup* value other than 4, 5, 6, or 7. The invalid *lookup* value is given.

**What to do:** Specify an <LPCFUNC> tag *lookup* value of 4 to use ZIP Code™ lookup first, then a city/state lookup (if necessary) to code the input record in the name and address file; specify 5 to use city/state lookup first, then a ZIP Code™ lookup; specify 6 to use a ZIP Code™ lookup only; or specify 7 to use a city/state lookup only. No other values are valid.

## PDR1757S

CASS group <LPCREPORT> report value *report* contains an invalid report number. It must be numeric and in the range 1 through 6.

**What happened:** You specified a CASS group <LPCREPORT> tag report value that was not a number in the range 1 through 6. The invalid *report* value is given.

**What to do:** Specify a numeric <LPCREPORT> tag report value (1, 2, 3, 4, 5, or 6) to define the number of the Pitney Bowes Finalist Input/Output Listing Report to generate.

## PDR1758S

CASS group <LPCREPORT> *records* contains an invalid report maximum record value. It must be numeric.

**What happened:** You specified a non-numeric or negative CASS group <LPCREPORT> tag number value. The *records* value of the <LPCREPORT> tag containing the invalid records value is given.

**What to do:** Set the <LPCREPORT> tag records value to a number in the range 1 to 99999999 to define the maximum number of records to print in the report indicated by the report parameter. No other values are valid.

## PDR1759S

Invalid CASS group <DOUBLESORT> value *sortbeforecassYN*. Must be YES or NO.

**What happened:** You specified a CASS group <DOUBLESORT> tag value other than YES or NO. The invalid *sortbeforecassYN* is given.

**What to do:** Specify a <DOUBLESORT> tag value of YES to sort inputs in ascending order by the values of the %%ZI PCODE system variable prior to cleansing addresses. Specify NO to cleanse addresses without first sorting the inputs by %%ZI PCODE. You can only use <DOUBLESORT> if all of the fields you are passing to the Address group are specified as variables (that is, field names beginning with %%).

## PDR1760S

<ADDRESSBLOCK> length is too long.

**What happened:** You specified the length value for <ADDRESSBLOCK> that is longer than 70.

**What to do:** Choose a value lower than 70.

## PDR1761S

Invalid CASS group <LPCVANITY> value *keepvanityYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCVANITY> tag value other than YES or NO *keepvanityYN* indicates the invalid value.

**What to do:** Set the <LPCVANITY> tag to YES to return the city vanity name or to NO to return the standardized city name.



## PDR1762S

Invalid CASS group <FRAME> value *value*. Must be 1 byte in length.

**What happened:** You specified a CASS group <FRAME> tag begin or end value that was more than one character in length. *value* indicates the invalid value.

**What to do:** Specify one alphanumeric or hexadecimal character to use as the beginning (begin) or ending (end) framing character for the POSTNET barcode.

## PDR1763S

Invalid CASS group <LPCADDRESS> value *useaddressasinputYN*. Must be YES or NO.

**What happened:** You specified a CASS group <LPCADDRESS> tag value other than YES or NO. The invalid *useaddressasinputYN* is given.

**What to do:** Set the <LPCADDRESS> tag to YES to pass the address straight to FINALIST without going through ADDRSCAN or to NO to use the FINALIST ADDRSCAN subroutine to specify the order in which FINALIST returns cleansed address lines.

## PDR1764S

Invalid <G1FRMM> tag value *firmmatch1YN* in the CASS group. Must be YES or NO.

**What happened:** You specified an <G1FRMM> tag value other than YES or NO. The invalid *firmmatch1YN* is given.

**What to do:** Specify an <G1FRMM> tag value of YES to look for a firm name match; specify NO to not search for a firm name within the address.

## PDR1765S

CASS group <G1HEADER> value *text* is too long. Maximum length is 40 characters.

**What happened:** You specified a value that was more than 40 characters in length for the CASS group <G1HEADER> tag. *text* indicates the invalid value.

**What to do:** Specify up to 40 characters of text for the main header of the CODE-1 Plus reports in the <G1HEADER> tag.

## PDR1766S

Invalid CASS group <G1ZI PCORR> value *correctzipYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1ZI PCORR> tag. *correctzipYN* indicates the invalid value.

**What to do:** Specify a <G1ZI PCORR> tag value of YES to correct ZIP Codes (if necessary) or NO to leave ZIP Codes as they currently exist in the address.

## PDR1771S

Invalid CASS group <G1RPNDI > value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPNDI > tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPNDI > tag value of YES to print the National Deliverability Index (NDI) Report or NO to print no NDI Report.

## PDR1772S

Invalid CASS group <G1RPANMR> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPANMR> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPANMR> tag value of YES to print the Analysis of Matched Records Report or NO to print no Analysis of Matched Records Report.

## PDR1773S

Invalid CASS group <G1RPZ4ST> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPZ4ST> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPZ4ST> tag value of YES to print the ZIP + 4® Coding by State Report or NO to print no ZIP + 4® Coding by State Report.

## PDR1774S

Invalid CASS group <G1RPCRST> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPCRST> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPCRST> tag value of YES to print the Carrier Route Coding by State Report or NO to print no Carrier Route Coding by State Report.

## PDR1775S

Invalid CASS group <G1RPZ4LC> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPZ4LC> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPZ4LC> tag value of YES to print the ZIP + 4® Coding by List Code Records Report or NO to print no ZIP + 4® Coding by List Code Records Report.

## PDR1776S

Invalid CASS group <G1RPCRLC> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPCRLC> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPCRLC> tag value of YES to print the Carrier Route Coding by List Code Report or NO to print no Carrier Route Coding by List Code Report.

## PDR1777S

Invalid CASS group <G1RPZ43D> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPZ43D> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPZ43D> tag value of YES to print the ZIP + 4® Coding by 3-Digit ZIP Code™ Report or NO to print no ZIP + 4® Coding by 3-Digit ZIP Code™ Report.

## PDR1778S

Invalid CASS group <G1RPCR3D> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPCR3D> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPCR3D> tag value of YES to print the Carrier Route Coding by 3-Digit ZIP Code™ Report or NO to print no Carrier Route Coding by 3-Digit ZIP Code™ Report.

## PDR1779S

Invalid CASS group <G1RPSMST> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPSMST> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPSMST> tag value of YES to print the Summary by State Report or NO to print no Summary by State Report.

## PDR1780S

Invalid CASS group <G1RPSMLC> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPSMLC> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPSMLC> tag value of YES to print the Summary by List Code Report or NO to print no Summary by List Code Report.

## PDR1781S

Invalid CASS group <G1RPSM3D> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPSM3D> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPSM3D> tag value of YES to print the Summary by 3-Digit ZIP Code™ Report or NO to print no Summary by 3-Digit ZIP Code™ Report.

## PDR1782S

Invalid CASS group <G1RPUPL0> value *printreportYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <G1RPUPL0> tag. *printreportYN* indicates the invalid value.

**What to do:** Specify a <G1RPUPL0> tag value of YES to print the CODE-1 Plus reports in all uppercase letters or NO to print the reports in mixed case.

## PDR1783S

Invalid CASS group <G1DATE> value. Must be no more than 8 characters.

**What happened:** You specified more than eight characters for the CASS group <G1DATE> tag.

**What to do:** Specify a <G1DATE> tag value that is eight characters in length in the format mm/dd/yy. The slashes are required.

## PDR1784S

Invalid CASS group <G1RPTHEAD> text value *text*. Must be no more than 132 characters in length.

**What happened:** You specified a CASS group <G1RPTHEAD> tag text value that was more than 132 characters in length. *text* indicates the invalid value.

**What to do:** Specify a <G1RPTHEAD> tag text value that is 132 characters or less in length.

## PDR1785S

Invalid CASS group <G1RPTF00T> text value *text*. Must be no more than 132 characters in length.

**What happened:** You specified a CASS group <G1RPTF00T> tag text value that was more than 132 characters in length. *text* indicates the invalid value.

**What to do:** Specify a <G1RPTF00T> tag text value that is 132 characters or less in length.

## PDR1786S

Invalid CASS group <ADDRVARS> value *addrvarsYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <ADDRVARS> tag. The invalid *addrvarsYN* is given. Enrichment assumed the default value of NO.

**What to do:** Set <ADDRVARS> to YES to return the cleansed address lines as the values of system variables %%CASS\_ADDR1 through %%CASS\_ADDR6. Set <ADDRVARS> to NO to update address information in the input with cleansed addresses.

## PDR1787S

Invalid CASS group <LPCI SOLST> value *createYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <LPCI SOLST> tag. The invalid *createYN* is given. Enrichment assumed the default value of YES.

**What to do:** Set <LPCI SOLST> to YES to print the Finalist Input/Output ISOL/ST Report. Set <LPCI SOLST> to NO to prevent the Input/Output ISOL/ST Report from printing.

## PDR1788S

Invalid CASS group <LPCSAMPLE> value *createYN*. Must be YES or NO.

**What happened:** You specified a value other than YES or NO for the CASS group <LPCSAMPLE> tag. The invalid *createYN* is given. Enrichment assumed the default value of YES.

**What to do:** Set <LPCSAMPLE> to YES to print the Finalist Input/Output Sample Report. Set <LPCSAMPLE> to NO to prevent the Input/Output Sample Report from printing.

## PDR1789S

Invalid CASS group <LPCSTATS> value *printreportYN*. Must be 7 characters or less.

**What happened:** You specified an invalid value for the CASS group <LPCSTATS> tag. The invalid *printreportYN* is given. Enrichment assumed the default value of Y.

**What to do:** Specify Y for the <LPCSTATS> tag to print all six sections of the Finalist Processing Statistics Report. Specify N followed by one or more of the numbers 1, 2, 3, 4, 5, and 6 to specify which sections of the Processing Statistics Report Enrichment should not print. For example, to omit sections 3 and 4 of the report, specify <LPCSTATS> N34.

## PDR1790S

Invalid CASS group <LPCREPLACE> *threshold* value. The <LPCREPLACE> tag can include up to 13 values, each 1 character in length with a value in the range 0 through 9. The invalid value is *number*.

**What happened:** You specified an invalid value for the CASS group <LPCREPLACE> tag. *threshold* identifies the %%LPCRC or %%LPC\_REASONx system variable for which you specified an invalid threshold and *number* identifies the invalid threshold. Enrichment assumed default values for all 13 <LPCREPLACE> tag parameters.

**What to do:** Make sure you specified no more than 13 values for the <LPCREPLACE> tag and that each value is one valid digit in length. The <LPCREPLACE> tag parameters and their valid values are as follows:

- l pcrc The threshold for the %%LPCRC system variable; 0, 1, 2, or 9.
- r1 The threshold for the %%LPC\_REASON1 system variable; 0, 1, 2, 3, 4, 5, 6, 7, or 9.
- r2 The threshold for the %%LPC\_REASON2 system variable; 0, 1, 2, 3, 4, 5, 6, 7, or 9.
- r3 The threshold for the %%LPC\_REASON3 system variable; 0, 1, 2, 3, 5, 6, 7, or 9.
- r4 The threshold for the %%LPC\_REASON4 system variable; 0, 1, 2, 3, 5, 6, 7, 8, or 9.
- r5 The threshold for the %%LPC\_REASON5 system variable; 0, 1, 2, 3, 4, 5, 6, 7, or 9.
- r6 The threshold for the %%LPC\_REASON6 system variable; 0, 1, 2, 3, 4, or 9.
- r7 The threshold for the %%LPC\_REASON7 system variable; 0, 1, 2, 3, 4, 5, 6, or 9.
- r8 The threshold for the %%LPC\_REASON8 system variable; 0, 1, 2, 4, 5, or 9.
- r9 For the %%LPC\_REASON9 system variable; 0, 1, 2, 3, or 9.
- r10 For the %%LPC\_REASON10 system variable; 0, 1, 2, 3, 4, or 9.
- r11 For the %%LPC\_REASON11 system variable; 0, 1, 2, 3, 4, 7, or 8.
- r12 For the %%LPC\_REASON12 system variable; 0, 1, 2, 3, or 9.

## PDR1791S

Invalid CASS group <LPCLI STKEY> value *fieldname*. Value is too long to be a valid variable name.

**What happened:** You specified a CASS group <LPCLI STKEY> tag *fieldname* value that was more than 50 characters in length (including %%). The invalid value *fieldname* is given. Enrichment used only the first 50 characters of the value.

**What to do:** Make sure the <LPCLI STKEY> tag *fieldname* value duplicates exactly the name of a field defined in a Field group in the control file. Field names cannot exceed 50 characters in length.

## PDR1792S

Invalid CASS group <LABELSONLY> value *labelonlyYN*. Must be YES or NO

**What happened:** You specified a value other than YES or NO for the CASS group <LABELSONLY> tag. The invalid *labelonlyYN* is given. Enrichment assumed the default value of NO.

**What to do:** Set <LABELSONLY> to YES to generate the %%PBSS\_LABEL block of system variables and not the %%CASS\_ADDR block of system variables.

## PDR1793S

Invalid CASS group <LPCERR740> value \*VALUE\*. Must be YES or NO.

**What happened:** You specified a value other than "YES" or "NO" for the CASS tag group tag <LPCERR740>. The invalid \*VALUE\* is given. Enrichment assumed the default value of "YES".

**What to do:** Set <LPCERR740> to "NO" to get the actual Finalist error code in %%LPC\_ERROR and not a code which has been converted to Finalist 7.40 format.

## PDR1794S

Invalid CASS group <G1CONFI G> value *ifmm* for firm name match precision. Must be EQUAL, TIGHT, MEDIUM, or LOOSE.

**What happened:** You specified a CASS group <G1CONFI G> tag *ifmm* value other than EQUAL, TIGHT, MEDIUM, or LOOSE. The invalid *ifmm* value is given. Enrichment used the default value of MEDIUM.



**What to do:** Make sure you specified a <G1CONF1 G> tag i fmm value of EQUAL if the firm name match must be exact, TIGHT if the match must be tight, MEDIUM if the match must be at least medium, or LOOSE if the match can be loose.

## PDR1795S

Invalid CASS group <G1CONF1 G> value *idsm* for directional/suffix match precision. Must be EQUAL, TIGHT, MEDIUM, or LOOSE.

**What happened:** You specified a CASS group <G1CONF1 G> tag i dsm value other than EQUAL, TIGHT, MEDIUM, or LOOSE. The invalid *idsm* value is given. Enrichment used the default value of MEDIUM.

**What to do:** Make sure you specified a <G1CONF1 G> tag i dsm value of EQUAL if the directional/suffix match must be exact, TIGHT if the match must be tight, MEDIUM if the match must be at least medium, or LOOSE if the match can be loose.

## PDR1796S

Invalid CASS group <G1CONF1 G> value *mmYN* for multiple address matches. Must be YES or NO.

**What happened:** You specified a CASS group <G1CONF1 G> tag mmYN value other than YES or NO. The invalid *mmYN* value is given. Enrichment used the default value of NO.

**What to do:** Make sure you specified a <G1CONF1 G> tag mmYN value of YES to replace the address if CODE-1 Plus found multiple matches for an address or NO if the address should not be replaced if multiple matches are found.

## PDR1797S

Invalid CASS group <G1CONF1 G> value *value* for PRA or PRB threshold. Must be 1 character in length and in the range 0 through 9.

**What happened:** You specified a CASS group <G1CONF1 G> tag pra or prb value other than a single-digit number in the range 0 through 9. The invalid *value* is given. Enrichment used the default value of 4.

**What to do:** Make sure you specified single-digit values in the range 0 through 9 for the <G1CONF1 G> tag pra and prb parameters. Enrichment will replace the address if the value

of the %%G1PRA or %%G1PRB system variable is less than or equal to the value you set in its corresponding <G1CONF I G> tag parameter.

## PDR1798S

Invalid CASS group <G1RPTHEAD> value *number*. Should be header line number (1 through 4) followed by up to 132 characters of information for the specified header line.

**What happened:** You specified an invalid value for the CASS group <G1RPTHEAD> tag number or text parameter. The invalid *number* value is given. Enrichment ignored the <G1RPTHEAD> tag.

**What to do:** Specify a number in the range 1 to 4 for the <G1RPTHEAD> tag number parameter to identify which line of header information the tag defines. Specify up to 132 characters of alphanumeric information to print in the specified header line in the text parameter. Up to four <G1RPTHEAD> tags are valid in the CASS group, one for each line of header information.

## PDR1799W

Input group *name* specified <CLEANSE> YES but control file contains no CASS group. No CASS™ cleansing will be performed.

**What happened:** You specified an Input group <CLEANSE> tag with a value of YES but you did not place a CASS group in the control file. *name* identifies the Input. Enrichment ignores the <CLEANSE> tag setting.

**What to do:** Either set the <CLEANSE> tag in the indicated Input group to NO or add a CASS group to the control file.

## PDR1800W

Invalid units value *units* in data: *tag*. Inches assumed.

**What happened:** You specified a units value other than I N (inches), CM (centimeters), MM (millimeters), P O I N T S, or P E L S or you left the units parameter blank on a tag. *tag* identifies the affected tag and *units* indicates the invalid units value. Enrichment sets the units parameter to I N.

**What to do:** If you left the units parameter blank and you wanted to use inches, do nothing. Otherwise, specify the units you wish to use at the end of the indicated tag specification in the

control file. IN (inches), CM (centimeters), MM (millimeters), POINTS, and PELS are valid Enrichment units values.

## PDR1801S

Non-numeric or negative data encountered processing units specifications in data: *tag*.

**What happened:** You specified non-numeric or negative values for a measurement parameter in a tag that requires units. The invalid *tag* is given.

**What to do:** Specify only positive numeric values for tags that require units.

## PDR1802W

<CONTENT> tag found while processing a *tag* tag. This is not supported and will be ignored.

**What happened:** A Content group was found within a tag group that does not support it. *tag* identifies the tag whose group contains the invalid Content group. Enrichment ignored the Content group.

**What to do:** The Content group is only allowed within the Banner, Input, Insertpage, Insertrec, Output, Rule, or Table groups. Remove the Content group from all other tag groups.

## PDR1803S

Maximum number of <CONTENT> tags exceeded.

**What happened:** You specified too many Content groups within a control file.

**What to do:** Change Content groups in the control file to <FILE> or <HEADERFILE> tags as appropriate until you no longer get this message.

## PDR1805W

Extra data in units specification: *data*. Inches assumed.

**What happened:** You specified four parameters for an Add group <POSITION> tag that only requires two. Enrichment attempted to evaluate the third parameter as a valid units value and assigned a default units value of IN (inches).

**What to do:** Remove the third and fourth parameters from the <POSITION> tag specified in an Add group with an <ADDTYPE> tag value of OMR, POSTNET, FORM, IMAGE, or TEXT. These add types require only two parameters followed by a units value.

## PDR1806W

Field variable *fieldvar*, used as INSERTREC trigger, has Action specified as D or X, and <PLACE> Within is specified in the INSERTREC. Enrichment will process only the INSERTREC.

**What happened:** You specified field variable *fieldvar* with Action D or X, but it was used as the trigger variable for INSERTREC, and you specified <PLACE> Within. Enrichment won't delete the record in which this field variable exists.

**What to do:** Redesign the application so that the same record does not have both a field used as INSERTREC Within and also a field used with Action D or X.

## PDR1810S

Invalid *EndcharsYN* value: on <ENDLINE> tag.

**What happened:** You specified an invalid value for the *EndcharsYN* parameter of the <ENDLINE> tag.

**What to do:** Specify an <ENDLINE> tag value of YES or NO.

## PDR1811S

Invalid CASS group <LPCDPV> value *useDpvYN*. Must be YES, NO, SPLIT, or FLAT.

**What happened:** You specified an invalid value for <LPCDPV>.

**What to do:** Specify a <LPCDPV> tag value of YES, NO, SPLIT, or FLAT.

## PDR1812S

Invalid CASS group <LPCEWS> value *useEwsYN*. Must be *YES* or *NO*.

**What happened:** You specified a <LPCEWS> tag value other than *YES* or *NO*. The invalid *useEwsYN* is given.

**What to do:** Specify a <LPCEWS> tag value of *YES* to activate the Early Warning System. Specify *NO* to not activate EWS.

## PDR1813W

The <LPCDPV> tag is valid only on z/OS.

**What happened:** You used a <LPCDPV> tag, but it is not valid on this platform.

**What to do:** Remove the <LPCDPV> tag from the control file.

## PDR1814W

The <LPCEWS> tag is valid only on z/OS.

**What happened:** You used a <LPCEWS> tag, but it is not valid on this platform.

**What to do:** Remove the <LPCEWS> tag from the control file.

## PDR1815W

The <LACS> tag is not valid for Finalist on Windows, Linux, or UNIX.

**What happened:** You used a <LACS> tag, but it is not valid on this platform.

**What to do:** Remove the <LACS> tag from the control file. Use the Finalist configuration file to control LACS processing.

## PDR1816S

Invalid CASS group <LACS> value. Must be *YES*, *NO*, or *LIMITED*.

**What happened:** You specified an invalid value for the <LACS> tag.

**What to do:** Specify a <LACS> tag value of YES to activate the Locatable Address Correction Service. Specify NO to not activate LACS. Specify LIMITED to perform LACS processing, but only return the LACS-converted ZIP Code, ZIP + 4, and Delivery Point Barcode.

## PDR1817W

The <LPCDUALADDR> tag is valid only on mainframe systems.

**What happened:** You used a <LPCDUALADDR> tag, but it is not valid on this platform.

**What to do:** Remove the <LPCDUALADDR> tag from the control file.

## PDR1818S

Invalid CASS group <LPCDUALADDR> value *value*. The value must be ACZ, L12, L21, A, P, or 1ST.

**What happened:** You specified an <LPCDUALADDR> tag value other than ACZ, L12, L21, A, P, 1ST.

**What to do:** Specify ACZ if the address line closest to the last line in the address is given the highest priority in the match process. Specify L12 if Line 1 in the dual address is given the highest priority in the match process. Specify L21 if Line 2 in the dual address is given the highest priority in the match process. Specify A if the conventional address is given the highest priority in the match process. Specify P if the PO Box address is given the highest priority in the match process. Specify 1ST if the first valid address (in the order Address line 1 and then Address line 2) is given the highest priority in the match process.

## PDR1819S

Invalid CASS group <SEEDBYPASS> value *value*. Must be YES or NO.

**What happened:** A value other than YES or NO was specified for <SEEDBYPASS>.

**What to do:** Change the value to YES or NO.

## PDR1820S

Invalid CASS group <LPCL0T> value. Must be YES or NO.

**What happened:** You specified an invalid value for the <LPCL0T> tag.

**What to do:** Specify YES to perform LOT processing. Specify NO to disable LOT processing.

## PDR1821W

The <LPCL0T> tag is not valid for Finalist on Windows, Linux, or UNIX.

**What happened:** You used a <LPCL0T> tag, but it is not valid on this platform.

**What to do:** Remove the <LPCL0T> tag from the control file. Use the Finalist configuration file to control LOT processing.

## PDR1822S

With <CASSTYPE> U, <SPECTRUMLOGI N> must be specified with serverName, userName, and password.

**What happened:** You specified <CASSTYPE> U without fully specifying <SPECTRUMLOGI N>.

**What to do:** Specify <SPECTRUMLOGI N> add all three of its parameters.

## PDR1823S

With <CASSTYPE> U, *tagName* must be specified.

**What happened:** You specified <CASSTYPE> U without fully specifying the listed tag.

**What to do:** Specify the listed tag in the <ENVI RONMENT> group.

## PDR1824S

Error was detected while calling the Spectrum Service. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment called Spectrum Service and Spectrum Service returned the specified error code. This error is typically caused by an invalid parameter passed to Spectrum Service.

**What to do:** Check the return code and error code and then take appropriate action. Also, validate the information passed on <SPECTRUMLOGI N>, <SPECTRUMI NPUT>, <SPECTRUMOUTPUT> and <SPECTRUMJOB> tags.

## PDR1825S

Only *text* allowed when <CASSTYPE> is set to UAM.

**What happened:** You specified more than 5 address lines or using one at a time processing. These are not allowed when <CASSTYPE> U is selected.

**What to do:** Use all at a time processing and address lines should be less than six. Check address lines in <ADDRESS> or <ADDRESSBLOCK> tags.

## PDR1826W

AddressScan is not available when <CASSTYPE> is set to UAM. It is ignored.

**What happened:** You specified a CASS group <LPCADDRESS> tag value NO, this is not valid when <CASSTYPE> U is selected.

**What to do:** Remove the <LPCADDRESS> tag from the control file.

## PDR1827W

With <CASSTYPE> U, *value* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified the length value that is longer than 50 characters for <ADDRESSBLOCK> or address field of <ADDRESS>.

**What to do:** Correct the value to a shorter, valid length.



## PDR1828S

Invalid *parameter* is found while calling the Spectrum Service: *errorMessage*.

**What happened:** Enrichment has identified invalid parameters that are passed on to Spectrum Service.

**What to do:** Check *parameter* value and *errorMessage*. Validate the value against <SPECTRUMLOGI N>, <SPECTRUMI NPUT>, <SPECTRUMOUTPUT>, and <SPECTRUMJOB> tags.

## PDR1829S

Error extracting *value* from <SPECTRUMINSHEMA> or <SPECTRUMOUTSCHEMA> file: *filename*.

**What happened:** Enrichment could not locate the specified value in the specified file.

**What to do:** Ensure that the schema file was properly exported from Spectrum.

## PDR1830S

Error running Spectrum jobexecutor.jar.

**What happened:** Enrichment encountered an error executing jobexecutor.jar.

**What to do:** Ensure jobexecutor.jar is in the current directory, and ensure java is in the current path.

## PDR1831S

Invalid *parameter* for <UAMREPLACE> tag.

**What happened:** You specified an <UAMREPLACE> tag with incorrect syntax. The incorrect *parameter* is given.

**What to do:** Check the parameter. Refer to the *Enrichment Language Reference* for more information.

## PDR1832S

Invalid <UAMREPLACE> countryYN parameter *value*. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the countryYN parameter of <UAMREPLACE> tag. The invalid value is given.

**What to do:** Specify the countryYN parameter for <UAMREPLACE> as either Yes (to include the country line) or No (to exclude the country line).

## PDR1833W

AddressBlock variables are not present in Spectrum Output. Field replacement is ignored.

**What happened:** You have specified variables which don't have AddressBlock1 etc from the output schema.

**What to do:** Correct the <SPECTRUMOUTSCHEMA> file to include AddressBlock information, or disable field replacement for the address variables.

## PDR1840W

The Table <NAME> tag value *name* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified a *name* value of more than 50 characters in length for the <NAME> tag. Enrichment only recognizes names up to 50 characters in length. *name* indicates the incorrect value. Enrichment used the first 50 characters of the *name* value you specified. Enrichment ignored the extra characters.

**What to do:** Make sure you only use a 50-character *name* value for the Input group <NAME> tag.

## PDR1841S

The <TABLE> group did not contain a <NAME> tag.

**What happened:** You specified a <TABLE> group but did not specify a <NAME> tag.

**What to do:** Add a <NAME> tag to the <TABLE> group.

## PDR1842S

The Table <NAME> tag value *name* has already been defined.

**What happened:** You specified a value of *name* on the <NAME> tag for a <TABLE> but that table name has already been used.

**What to do:** Make sure you do not have any duplicate table names.

## PDR1843S

The name specified in <XMLNAME> has already been defined.

**What happened:** You specified a name in the <XMLNAME> tag that is already defined for this job. Names must be unique.

**What to do:** Specify a different name in the <XMLNAME> tag.

## PDR1845S

The <XMLNAME> tag value is more than 50 characters in length.

**What happened:** You specified a value in <XMLNAME> that is greater than 50 characters. The value cannot exceed 50 characters.

**What to do:** Specify a name that is 50 characters or less.

## PDR1900S

No <INPUT> tag defined in control file and no insert specifications found.

**What happened:** You did not define any inputs or inserts in the control file.

**What to do:** Either use the Input group to define the inputs you want to use with Enrichment, or use the Insertpage or Insertrec group to define inserts. You must define either inputs or inserts for Enrichment to process the control file.

## PDR1901S

No <OUTPUT> tag defined in control file.

**What happened:** You did not define any Output groups in the control file.

**What to do:** Specify at least one Output group in the control file to define the outputs you want to use with Enrichment.

## PDR1904W

No <RULE> tag, only one <OUTPUT> and that one <OUTPUT> doesn't have minimum page of 1 and maximum page of max value.

**What happened:** You specified one Output group, your <PAGERANGE> tag settings do not cover all possible page ranges, and you specified no rule file. Enrichment places all output data in the one output you specified.

**What to do:** Specify adequate output files, <PAGERANGE> tags and (if necessary) a rule file to properly process your output.

## PDR1907S

<LOCATI ON> tag method value for <FI ELD> *fieldname1* must match that of the field *fieldname2* referenced by its <FI ELDREF> tag. Both must be either LINE or RECORD.

**What happened:** You defined a Field group with a <LOCATI ON> tag method value that differs from that of the field referenced by its <FI ELDREF> tag. The method parameter must be set to the same value in both the new field and the field it references. *fieldname1* identifies the new field, and *fieldname2* identifies the referenced field.

**What to do:** Make sure the <LOCATI ON> tag method value of a new field matches that of the field it references in the <FI ELDREF> tag. Valid method values are LINE and RECORD.

## PDR1908S

<FI ELD> *fieldname1* must have a reference point because it is referenced by <FI ELD> *fieldname2*. Add a <REFERENCE>tag to *fieldname1* or do not name it in a <FI ELDREF> tag.

**What happened:** You defined a field that used another field as a reference, but the referenced field has no reference point. Any field named in a <FIELDREF> tag must be defined with a reference point. *fieldname1* identifies the referenced field, and *fieldname2* identifies the new field.

**What to do:** Make sure the Field group of the referenced field contains a properly defined <REFERENCE> tag or do not reference it from the new field.

## PDR1911S

<SORT> field *fieldname* has inconsistent lengths specified.

**What happened:** You specified a field in a Sortmatch group <SORT> tag that has different lengths in different input files. *fieldname* identifies the field.

**What to do:** Make sure the Field group <FIELD> tag *fieldname* and the <LOCATION> tag *length* values match exactly from one Input group to another.

## PDR1912S

<SORT> field *fieldname* not found in input file *name*.

**What happened:** You specified a field in a Sortmatch group <SORT> tag that was not found in each Input you chose to sort or match. *fieldname* identifies the field and the *name* names the Input that does not contain the field.

**What to do:** Check each Input group you want to sort or match to make sure that the specified field is defined. Also check within each input to make sure the field exists.

## PDR1913S

No Input groups defined in control file.

**What happened:** You did not define any Input groups in the control file.

**What to do:** You must specify at least one Input group in the control file unless you are using the Enrichment Insert module.

## PDR1915S

No field found that matches <FI ELDREF> *fieldname*.

**What happened:** Enrichment could not resolve the Field group <REFERENCE>, <FI ELDREF>, and <LOCATI ON> tag parameters in your input. You used a <FI ELDREF> tag to reference another Field group that does not exist. The *fieldname* value of the errant <FI ELDREF> tag is given.

**What to do:** Make sure the <FI ELDREF> tag properly references a previously defined Field group, or delete the <FI ELDREF> tag and use a <REFERENCE> tag to define the field.

## PDR1916W

Tray convenience breaks requested for output *name* without Presort. Tray breaks ignored.

**What happened:** You specified an Output group <FI LEMAX> tag t type value of TRAYS, but you are not using the Presort group. The *name* of the affected output is given. Enrichment does not use tray breaks with the output.

**What to do:** Either add a Presort group to the Output group and perform a MailStream Plus presort or set the <FI LEMAX> tag t type parameter to BYTES, LI NES, PAGES, or DOCUMENTS.

## PDR1918W

None of the address fields were found in input file *name*, for document at/above line *number*. The ZIP Code™ for this document is set to 00000 and no CASS™ cleansing will be performed.

**What happened:** No specified address fields were found in a document in your input. *name* identifies the errant input and *number* indicates the line number at which the error occurred. No CASS™ cleansing can be performed on this document.

**What to do:** Check your input to make sure that each address field is defined in each document therein. Change the address field definitions so that they can be found in each document. Otherwise ZIP Code™ location, postal cleansing, and postal presorting will be inaccurate.

## PDR1930I

Specified <I O> type of HIPERSPACE, TRANSFER, or DISK ignored for input *location*. <I O> MEMORY will be used because documents will be processed One-At-a-Time.

**What happened:** You specified an Input group <I O> tag *l o c a t i o n* value of HI PERSPACE, TRANSFER, or DI SK for an input. Enrichment determined that the most efficient processing of the input is one document at a time and changed the I/O storage method to MEMORY. *location* identifies the affected input.

**What to do:** This message requires no action.

## PDR1931I

Specified <I O> type of HIPERSPACE, TRANSFER, or DISK changed to MEMORY for insert *varname* because one-at-a-time document processing will be used.

**What happened:** You specified an Input group <I O> tag *l o c a t i o n* value of HI PERSPACE, TRANSFER, or DI SK for an insert. Enrichment determined that the most efficient processing of the insert is one document at a time and changed the I/O storage method to MEMORY. *varname* identifies the affected insert.

**What to do:** This message requires no action.

## PDR1950S

Control file contained severe errors.

**What happened:** The control file you submitted could not be processed completely.

**What to do:** Correct the conditions indicated by all severe errors listed in the message file.

## PDR1951W

Control file contained warnings.

**What happened:** Enrichment generated warning messages while processing your control file. These warnings will not halt processing unless you set the Environment group <ERRORLEVEL> tag to I NFORMATI ON or WARNI NG or you set the /E or -E run-time argument to I or W.

**What to do:** Check the message file to see what warnings occurred. You should correct the conditions indicated by these messages since they can affect output.

## PDR1952I

Control file contained informational messages.

**What happened:** Enrichment generated information messages while processing your control file. These messages will not halt processing unless you set the Environment group <ERRORLEVEL> tag to I NFORMATI ON or you set the /E or -E run-time argument to I .

**What to do:** Check the message file to see what informational messages occurred. You need not take any action unless the <ERRORLEVEL> tag is set to I NFORMATI ON. Change the <ERRORLEVEL> tag setting to WARNI NG or SEVERE.

## PDR1960S

Invalid Input group <FI LE> validate-file parameter *validateYN*. Value must be YES or NO.

**What happened:** You specified a value other than YES or NO for the val i dateYN parameter of the Input group. The invalid *validateYN* is given.

**What to do:** Specify a *validateYN* value of YES to check the Input file during tag validation; specify NO to only open the file when it is processed. A value of NO will cause Enrichment to only access Input files once (instead of twice). This can reduce tape loads for Input files on tape.

## PDR2000S

Unable to acquire *number* bytes of memory for *buffer explanation*.

**What happened:** Enrichment cannot acquire memory on your system for one of the buffers it needs. The buffer expl anat i on and the number of bytes Enrichment failed to acquire are given.

**What to do:** Choose one of the following:

- If buffer expl anat i on is "Initial single document buffer", check your <DOCUMENT> tag to make sure you are defining documents correctly. If you have very large documents, you may need to set the Environment group <SI NGLEBUFFER> tag. Most of these problems can be solved by resetting the <I O> tag to something other than MEMORY or by using the



- <MAXFI LEBUFFERS> tag to limit the amount of file buffer acquired when sorting or presorting.
- If `buffer explanation` is "Document Properties Buffer", the file buffer may have used up all memory, and another document buffer is needed. Increase above the line region or set the <I O> tag such that less memory is used and hiperspace or DASD is used as an alternative.
  - If `buffer explanation` is "Hiperspace buffer for file %s", you do not have enough memory to acquire the space specified in the <HI PERTRANSFER> tag. Set the <HI PERTRANSFER> tag to a smaller amount and possibly set the <MAXFI LEBUFFERS> tag to limit the amount of memory obtained before switching to Hiperspace storage.
  - If `buffer explanation` is "Acquire <I O> none File Buffer", you have set <I O> to NONE in an Insertpage or Insertrec group and Enrichment cannot obtain enough memory to temporarily store the insert before deleting it. Set <I O> to something other than M for you Input or Banner groups and set <MAXFI LEBUFFERS> to limit the amount of memory obtained so that there is room for the inserts to be temporarily stored.

## PDR2001I

Unable to acquire *number* bytes of memory for <FI LEBUFFER> to store input, insert, or banner *name*.

**What happened:** You set <I O> to M and your system ran out of memory as Enrichment was trying to store an input, insert, or banner file. The *name* of the object Enrichment was trying to store and the *number* of bytes of unacquired memory are given.

**What to do:** Change <I O> to OPTIMUM, TRANSFER, HIPERSPACE, or DISK. If Hiperspace or VSAM files are not available, increase the REGION in your JCL or see your distributed system administrator to enlarge your SWAP.

## PDR2002S

Unable to acquire and copy *number* bytes of memory for *enlarge description*.

**What happened:** Depending on the *enlarge description*, Enrichment tried to enlarge a structure and there was no memory available. Enrichment gives the *number* bytes of memory it could not acquire.

**What to do:** Choose one of the following:

- If *enlarge description* is "Enlarge single document input buffer", check your <DOCUMENT> tag to make sure you are defining documents correctly. If you have very large documents, you may need to set the Environment group <SINGLEBUFFER> tag.

- If *enlarge description* is "Enlarge the File Buffer", the size of your <HEADER> is very large and you need to increase the size of the <FI LEBUFFER>.
- If *enlarge description* is "Enlarge single document buffer 2", you have many very large inserts and need to set <I O> in the Insertpage or Insertrec group to OPTIMUM, TRANSFER, HIPERSPACE, DISK, or NONE.
- If *enlarge description* is set to "Increase Document pointer array", "Enlarge Document record pointer buffer", or "Enlarge Trailer records"; the file buffer has used all of the memory and you need to set the <MAXFI LEBUFFERS> tag so that Enrichment can acquire memory for document point storage. Most of these errors can be fixed by limiting the amount of file buffer which is acquired or by routing files (when sorting or presorting) to Hiperspace or Disk.
- Other values of *enlarge description* may occur. For these, if making additional memory available does not resolve the problem, contact Technical Support.

## PDR2003S

Unable to free *number* bytes of memory at address *number* for *identifying string*.

**What happened:** Enrichment processing using this memory was completed and Enrichment was attempting to free this storage when an error occurred. The *identifying string* for which memory could not be freed and the *number* of acquired memory bytes are given and the *number* address is also given.

**What to do:** Contact Technical Support.

## PDR2100S

An I/O error was detected while opening the control file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the control file. *filename* identifies the control file that could not be opened, *number* identifies the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the control file name is correct and that the file exists. If the problem recurs, contact your systems administrator.

## PDR2101S

An I/O error was detected while reading the control file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not read the control file. *filename* identifies the control file that could not be read, *number* identifies the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the control file name is correct and that the file exists. If the problem recurs, contact your systems administrator.

## PDR2102S

An I/O error was detected while opening the *status* control output file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the file to write the compiled or decompiled control file. *status* indicates whether the control output file for which the error was detected was compiled or decompiled. *filename* identifies the file that could not be opened, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correct and that the control output file has been defined on the system and properly specified in the JCL.

## PDR2103S

An I/O error was detected while writing the *status* control output file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not write to the compiled or decompiled control file. *status* indicates whether the control output file for which the error was detected was compiled or decompiled. *filename* identifies the file that could not be written, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correct and that the control output file has been defined on the system and properly specified in the JCL.

## PDR2104I

Compiled control file written to file: *filename*

**What happened:** The compiled control file was successfully created. *filename* identifies the file to which the compiled control file was written.

**What to do:** This message requires no further action.

## PDR2105W

An I/O error was detected while closing the control file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment encountered a problem while closing your control file. *filename* identifies the control file, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Correct the indicated error or contact your systems administrator.

## PDR2106W

An I/O error was detected while closing the *status* control output file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not close the compiled or decompiled control file. *status* indicates whether the control file that could not be closed was compiled or decompiled. *filename* identifies the file that could not be closed, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Correct the indicated error or contact your systems administrator.

## PDR2107S

Invalid compile key *key*. Key must be between 5 and 10 characters in length.

**What happened:** The compile/decompile key specified on the /K or -K run-time argument must be between 5 and 10 characters in length. *key* indicates the invalid key.

**What to do:** Make sure the compile/decompile key is properly defined.

## PDR2108S

The decompile key *key* does not match the key used when the control file was compiled.

**What happened:** The compile/decompile key specified on the /K or -K run-time argument must match exactly the key used when the file was initially compiled. *key* indicates the invalid key.

**What to do:** Specify the correct key to decompile the control file. Contact the creator of the compiled control file if you do not know the key.

## PDR2109I

Decompiled control file written to file: *filename*

**What happened:** Enrichment successfully created the decompiled control file. *filename* identifies the file created.

**What to do:** This message requires no further action.

## PDR2110W

An I/O error was detected while opening the message file for output. SYSOUT opened instead. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the specified message file or no message file was specified for Enrichment to open. *filename* identifies the message file (if one was specified), *number* indicates the I/O C Error Number, and *text* indicates I/O error text. Enrichment placed the messages in SYSOUT.

**What to do:** To place processing messages in a specific file, use the /M or -M run-time argument or the REPORT ddname to specify an existing file. Otherwise, Enrichment places the message file in SYSOUT.

## PDR2115W

An I/O error was detected while closing the message file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment encountered a problem while closing your message file. *filename* identifies the message file, *number* indicates the I/O C Error Number, and *text* indicates I/O error text.

**What to do:** Correct the error given in the message, or contact your systems administrator.

## PDR2119W

No data records found in input *name*, file name: *filename*. Input ignored.

**What happened:** An input file contained no data records. *name* identifies the Input group <NAME> tag name value of the input Enrichment was trying to read, *filename* identifies the name of the input file as specified in the Input group <FILE> tag. Enrichment ignored the input.

**What to do:** Verify that the file name is correct, that input file exists, and that the file is not empty. If the problem recurs, contact your systems administrator.

## PDR2120S

An I/O error was detected while opening input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the input file. *name* identifies the Input group <NAME> tag name value of the input Enrichment could not open, *filename* identifies the location and name of the input file, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correct and that the input file exists. If the error text says that the value is too large for the data type and you are running Enrichment on UNIX, try using the sweaverL executable instead of sweaver. If the problem recurs, contact your system administrator.

## PDR2121S

An I/O error was detected while reading input *name*, line number: *record*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not read the input file. *name* identifies the Input group <NAME> tag name value of the input that could not be read, *filename* identifies the input file

location and name, *record* indicates the record number in the input file on which the error occurred, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correct and that the input file exists. If the problem recurs, contact your systems administrator.

## PDR2123W

An AFP record was shorter than specified within its length field. Input *name*, line number: *record* was padded with *number* blanks to make it the proper length of *length*.

**What happened:** Enrichment encountered an AFP record that was shorter than the length encoded within the record. Enrichment padded the record to the appropriate length with blanks. *name* indicates the Input group <NAME> tag name value of the input, *record* identifies the record number on which the problem was detected, *number* identifies the number of blanks added to the record, and *length* indicates the new record length.

**What to do:** Make sure your input files contain valid AFP records that can be processed by PSF or an equivalent program.

## PDR2124S

No Begin Page (BPG) record found in the AFPDS input *name*, file name: *filename*

**What happened:** Enrichment did not find the Begin Page (BPG) AFPDS structured field record (X' D3A8AF' ) in an input defined as <TYPE> AFPDS. AFPDS files that contain pages should contain the BPG structured field. The Input or insert *name* and the file name *filename* are given.

**What to do:** Insure that there are BPG records within your AFPDS input or use a <TYPE> other than AFPDS. If your insert only contains part of a page use <I NSERTREC> instead of <I NSERTPAGE>.

## PDR2125W

An I/O error was detected while closing input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment encountered a problem while closing one of your input files. *name* indicates the Input group <NAME> tag name value of the input, *filename* identifies the

input file location and name, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Correct the error given in the message, or contact your systems administrator.

## PDR2127S

An I/O error was detected while opening insert or banner *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the insert or banner file. *name* indicates the Insertpage, Insertrec or Banner name. *filename* identifies the insert or banner file name, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the insert or banner name is correct and the file exists. If the error recurs, contact your system administrator.

## PDR2128W

*number* invalid records found before the first Begin Page (BPG) record in the AFPDS input *name*, file name: *filename*. These records were deleted. Check the size of your <header>, if any.

**What happened:** Enrichment encountered invalid records before the first Begin Page (BPG) AFPDS structured field record (X' D3A8AF' ) in an input defined as <TYPE> AFPDS. Enrichment only allows BDT, NOP, BNG, TLE, and ENG structured fields before the first BPG.

**What to do:** Use a <HEADER> record for other objects at the top of your AFPDS file, such as in-line resources.

## PDR2129S

Not enough trailer records found in input *name*, file name: *filename*. File size must be at least the size of the trailer records.

**What happened:** You set the Input group <TRAI LER> tag records parameter to a number higher than the number of records in an input. *name* indicates the name of the errant Input group and *filename* identifies the file associated with that group.

**What to do:** Make sure the input file contains at least the number of records specified by the <TRAI LER> tag.



## PDR2130S

An I/O error was detected while opening the variable file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the variable file you specified in the Variables group <FILE> tag. *filename* identifies the file that could not be opened, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correctly specified and that the variable file exists. If the problem recurs, contact your systems administrator.

## PDR2131S

An I/O error was detected while reading the variable file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not read the variable file you specified in the Variables group <FILE> tag. *filename* identifies the file that could not be read, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correctly specified and that the variable file exists. If the problem recurs, contact your systems administrator.

## PDR2132W

Invalid AFP: OBP not preceded by OBD

**What happened:** An OBP record was found that was not preceded by an OBD. The density of the object was assumed to be the density of the file.

**What to do:** The AFP stream was invalid, but processing continues.

## PDR2133W

Invalid AFP: IID Not preceded by IOC

**What happened:** An IID record was found that was not preceded by an IOC. The graphics object will not be repositioned.

**What to do:** The AFP stream was invalid, but processing continues.

## PDR2134W

A zero density was found in an IID record

**What happened:** A zero density was found in an IID . The density of the object was assumed to be the density of the file.

**What to do:** The AFP stream was invalid, but processing continues.

## PDR2135W

Invalid AFP: OBD Tag missing the 4B triplet.

**What happened:** The OBD tag was missing the required 4B triplet containing the image density. The density of the object was assumed to be the density of the file.

**What to do:** The AFP stream was invalid, but processing continues.

## PDR2136W

A zero density was found in the OBD record

**What happened:** The 4B triplet in the OBD tag specified a zero density. The density of the object was assumed to be the density of the file.

**What to do:** The AFP stream was invalid, but processing continues.

## PDR2137E

The combined *recordname* record exceeded the allowable number (*number*), of resource identifiers on output page *page* number.

**What happened:** In the process of merging multiple AFP pages, the allowable number of resource identifiers was exceeded in the specified page. Processing must terminate, or invalid AFP will be created. Var1 is the record that is invalid, currently only MPO or MPS. Var2 is the allowable number of resource identifiers. Var3 is the current output page.

**What to do:** Reduce the number of resource identifiers used by the particular field in the specified page.

## PDR2138W

Incomplete record read. The last record read is not as long as specified in the <LRECL> tag. Incomplete record is discarded.

**What happened:** You specified a size for the record length in the <LRECL> tag, but there is not enough data to be read in as a complete record.

**What to do:** Be aware that the incomplete record has been discarded.

## PDR2139S

No end of line string found before reaching the maximum record size in input *inputname*, file name *filename*.

**What happened:** Enrichment did not find the end of a record before reading 32767 bytes.

**What to do:** Specify the correct end of line sequence using either <RECORD> or <ENDLINE>.

## PDR2140S

*Section*, Line *number*, Column *number*: An I/O error was detected while opening insert *varname*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the insert identified in the Insertpage or Insertrec group. *varname* indicates the <INSERTPAGE> or <INSERTREC> tag name value, *filename* identifies the name and location of the insert file, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correctly specified and that the insert file exists. If the problem recurs, contact your systems administrator.

## PDR2141S

An I/O error was detected while opening insert *varname*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the insert identified in the Insertpage or Insertrec tag group. *varname* indicates the <INSERTPAGE> or <INSERTREC> tag name parameter value, *filename* identifies the name and location of the insert file, *number* indicates the I/O error number, and *text* indicates the I/O error text. Enrichment processing stopped.

**What to do:** Make sure the file name is correctly specified and that the insert file exists. If the problem recurs, contact your systems administrator.

## PDR2142S

A record of length *length* was encountered. This exceeds the maximum record size of: *maxrecsize*. Use or increase the -w run-time parameter: *newmaxrecsize*.

**What happened:** Enrichment encountered a record that was longer than expected.

**What to do:** Rerun the application using the new value specified for the -w run-time parameter.

## PDR2150S

An I/O error was detected while opening the rule file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the rule file specified in the Rule group <FILE> tag *filename* parameter. *filename* indicates the Rule group file name and location, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correctly specified and that the rule file exists. If the problem recurs, contact your systems administrator.

## PDR2151S

An I/O error was detected while reading the rule file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not read the rule file specified in the Rule group <FILE> tag filename parameter. *filename* indicates the Rule group file name and location, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correctly specified and that the rule file exists. If the problem recurs, contact your systems administrator.

## PDR2155W

An I/O error was detected while closing the rule file. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not close the rule file specified in the Rule group <FILE> tag filename parameter. *filename* indicates the Rule group file name and location, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Correct the condition indicated by the I/O error message, or contact your systems administrator.

## PDR2157S

Enrichment exceeded the maximum available HiperSpace writing the temporary HiperSpace file for input *name*. Max HiperSpace: *number*. Increase the <HIPERMAX> specification or change <I O> HIPERSPACE to another setting.

**What happened:** Enrichment exceeded the maximum amount of HiperSpace specified while writing a temporary HiperSpace file for one of your input files. *name* indicates the Input group <NAME> tag name value and *number* indicates the maximum HiperSpace specified in the Environment group <HIPERMAX> tag.

**What to do:** Make sure the input file name is correctly specified and HiperSpace is available for your site. Use the Environment group <HIPERMAX> tag to increase the maximum amount of HiperSpace used by Enrichment, or change the Input group <I O> tag specification for this input from HIPERSPACE to OPTIMUM, MEMORY, DISK, or TRANSFER.

## PDR2158W

Enrichment exceeded the maximum available HiperSpace writing the temporary HiperSpace file for input *name*. Max HiperSpace: *number*. Changing from HiperSpace storage to disk.

**What happened:** Enrichment exceeded the maximum amount of HiperSpace specified while writing a temporary HiperSpace file for one of your input files and you set the Input group <I O> tag to OPTI MUM or TRANSFER. *name* indicates the Input group <NAME> tag name value and *number* indicates the maximum HiperSpace specified in the Environment group <HI PERMAX> tag.

**What to do:** For more efficient use of HiperSpace, use the Environment group <HI PERMAX> tag to modify the maximum amount of HiperSpace used by Enrichment.

## PDR2160S

An I/O error was detected while opening the temporary HiperSpace file for input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the temporary HiperSpace file for an input. *name* indicates the Input group <NAME> tag name value, *filename* identifies the name and location of the input file, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the input file name is correctly specified and HiperSpace is available for your site. If the problem recurs, contact your systems administrator.

## PDR2161W

An I/O error was detected while opening the temporary HiperSpace file for input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*. Enrichment is changing from HiperSpace storage to disk.

**What happened:** Enrichment could not open the temporary HiperSpace file for an input. *name* indicates the Input group <NAME> tag name value, *filename* identifies the name and location of the input file, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text. Since you specified an Input group <I O> tag value of OPTI MUM or TRANSFER, Enrichment switches to disk storage.

**What to do:** Correct the condition indicated by the I/O error, or contact your systems administrator.

## PDR2162S

An I/O error was detected while writing the temporary HiperSpace file for input *name*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not write an input to the temporary Hiperpace file. *name* indicates the Input group <NAME> tag name value, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the input file name is correctly specified and Hiperpace is available for your site. If the problem recurs, contact your systems administrator.

## PDR2163W

An I/O error was detected while writing the temporary Hiperpace file for input *name*. C Error Number: *number*. Error text: *text*. Enrichment is changing from Hiperpace storage to disk.

**What happened:** Enrichment could not write an input to the temporary Hiperpace file. *name* indicates the Input group <NAME> tag name value, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text. Since you specified an Input group <I O> tag value of OPTI MUM or TRANSFER, Enrichment switches to disk storage.

**What to do:** Correct the condition indicated by the I/O error, or contact your systems administrator.

## PDR2164S

An I/O error was detected while positioning the temporary Hiperpace file for input *name*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not position the temporary Hiperpace file for an input. *name* indicates the Input group <NAME> tag name value, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the input file name is correctly specified and Hiperpace is available for your site. If the problem recurs, contact your systems administrator.

## PDR2165S

An I/O error was detected while reading the temporary Hiperpace file for input *name*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not read the temporary Hiperpace file for an input. *name* indicates the Input group <NAME> tag name value, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the input file name is correctly specified and Hiperspace is available for your site. If the problem recurs, contact your systems administrator.

## PDR2166S

An I/O error was detected while reading the temporary Hiperspace file for input *name*. Saved record size is zero or negative: *size*.

**What happened:** Enrichment could not read the temporary Hiperspace file for an input. *name* indicates the Input group <NAME> tag name value and *size* indicates the saved record size.

**What to do:** Make sure the input file name is correctly specified and Hiperspace is available for your site. If the problem recurs, contact your systems administrator.

## PDR2167S

An error was detected while assigning the Hiperspace buffer for input *name*. C Error Number: *number*.

**What happened:** Enrichment could not assign a Hiperspace buffer to an input. *name* indicates the Input group <NAME> tag name value and *number* identifies the C Error Number.

**What to do:** Make sure the input name is correctly specified and Hiperspace is available for your site. Try again with a smaller Environment group <HI PERTRANSFER> tag setting or a larger REGI ON size. If the problem recurs, contact your systems administrator.

## PDR2168W

An error was detected while assigning the Hiperspace buffer for input *name*. C Error Number: *number*. Enrichment is changing from Hiperspace storage to disk.

**What happened:** Enrichment could not assign a Hiperspace buffer to one of your input files. *name* indicates the Input group <NAME> tag name value and *number* identifies the C Error Number. Since you specified an Input group <I O> tag value of OPTI MUM or TRANSFER, Enrichment switches to disk storage.

**What to do:** Make sure the input file name is correctly specified. You may want to adjust the Environment group <HI PERTRANSFER> tag value or set a larger REGI ON size.



## PDR2170S

An I/O error was detected while opening the temporary disk file for input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the temporary disk file for an input. *name* indicates the Input group <NAME> tag name value, *filename* indicates the Input group <TEMPDI SK> tag filename value defining the file that could not be opened, *number* identifies the I/O C Error Number, and *text* identifies the I/O error text.

**What to do:** Make sure the temporary disk file name is correctly specified and the file exists. If the problem recurs, contact your systems administrator.

## PDR2172S

An I/O error was detected while writing the temporary disk file for input *input*. File name: *filename*. Record written: *record*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not write the temporary disk file for an Input. *input* indicates the Input group <NAME> tag name value, *filename* indicates the Input group <TEMPDI SK> tag filename value defining the file that could not be opened, *record* identifies the record number in the document at which the error occurred, *number* identifies the I/O C Error Number, and *text* identifies the I/O error text.

**What to do:** Make sure the temporary disk file name is correctly specified and that the file exists and is large enough to contain the input file. If you need more temporary disk space, enlarge the file or use multiple files by specifying multiple <TEMPDI SK> tags.

## PDR2173W

An I/O error was detected while writing the temporary disk file for input *name*. File name: *filename*. Bytes written: *bytes*. C Error Number: *number*. Error text: *text*. Changing to next <TEMPDI SK> file: *filename*.

**What happened:** Enrichment could not write the temporary disk file for an input. *name* indicates the Input group <NAME> tag name value of the input that could not be written, *filename* identifies the name and location of the current temporary disk file, *bytes* indicates the last number of bytes written in the current temporary disk file, *number* indicates the I/O C Error Number, *text* indicates the I/O error text, and *filename* identifies the name and location of the next temporary disk file to begin writing to. Enrichment automatically continues writing your input files to the next file specified by an Input group <TEMPDI SK> tag.

**What to do:** This message requires no further action.

## PDR2174S

An I/O error was detected while positioning the temporary disk file for input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not prepare the temporary disk file for input. *name* indicates the Input group <NAME> tag name value, *filename* indicates the Input group <TEMPDI SK> tag filename value defining the file that could not be positioned, *number* identifies the I/O C Error Number, and *text* identifies the I/O error text.

**What to do:** Make sure the temporary disk file name is correctly specified and that the file exists and is large enough to contain the input file. If you need more temporary disk space, enlarge the VSAM file or use multiple VSAM files by specifying multiple <TEMPDI SK> tags.

## PDR2175S

An I/O error was detected while reading the temporary disk file for input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not read the temporary disk file. *name* indicates the Input group <NAME> tag name value, *filename* indicates the Input group <TEMPDI SK> tag filename value defining the file that could not be read, *number* identifies the I/O C Error Number, and *text* identifies the I/O error text.

**What to do:** Make sure the temporary disk file name is correctly specified and that the VSAM file exists. If the problem recurs, contact your systems administrator.

## PDR2176S

An I/O error was detected while reading the <TEMPDI SK> file for Input group <NAME> *name*. Saved record size is zero or negative: *size*.

**What happened:** Enrichment could not read the VSAM file for an input. The Input group <NAME> tag *name* value and the saved record *size* are given.

**What to do:** Make sure the input name is correct and the VSAM file is correctly defined. If the problem recurs, contact your systems administrator.

## PDR2178W

The default <TEMPDI SK> was specified. It will be ignored.

**What happened:** STREAMW.TMP was specified.

**What to do:** Choose a different filename, or remove the tag to use the default value.

## PDR2179W

An I/O error was detected while closing the temporary disk file for input *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment encountered an error while closing the temporary disk VSAM file for an input. *name* indicates the Input group <NAME> tag name value, *filename* indicates the Input group <TEMPDI SK> tag filename value defining the file that could not be closed, *number* identifies the I/O C Error Number, and *text* identifies the I/O error text.

**What to do:** Correct the condition indicated by the error, or contact your systems administrator.

## PDR2180S

An I/O error was detected while opening the header file *filename* for an output. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the file specified by the Output group <HEADERFILE> tag. *filename* identifies the header file Enrichment could not open, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the output header file name is correctly specified and the file exists. If the problem recurs, contact your systems administrator.

## PDR2181S

All <TEMPDI SK> files for *input* are full.

**What happened:** All specified <TEMPDI SK>'s have met their maximum size.

**What to do:** Add more <TEMPDI SK>'s or increase the size of the existing <TEMPDISK>'s.

## PDR2185W

An I/O error was detected while closing the header file *filename* for an output. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not close the file specified by the Output group <HEADERFILE> tag. *filename* identifies the header file Enrichment could not close, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Correct the condition indicated by the error, or contact your systems administrator.

## PDR2190S

An I/O error was detected while opening output *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the output file. *name* indicates the Output group <NAME> tag name value, *filename* identifies the Output group <FILE> tag filename value defining the file that could not be opened, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the output file name is correctly specified and the file exists. If the problem recurs, contact your systems administrator.

## PDR2191S

An I/O error was detected while writing output *name*. File name: *filename*, at line number *record*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not write to the output file. *name* indicates the Output group <NAME> tag name value, *filename* identifies the Output group <FILE> tag filename value defining the file that could not be written to, *record* indicates the output record number at which the error was detected, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the output name is correctly specified and the file exists. If the problem recurs, contact your systems administrator.

## PDR2193W

Output line longer than defined <LRECL> value for output *name*. File name: *filename*, at line number *record*. Line length *size* has been truncated to the <LRECL> value specified.

**What happened:** A line was longer than that specified in the Output group <LRECL> tag *size* parameter. *name* indicates the Output group <NAME> tag name value, *filename* identifies the Output group <FILE> tag *filename* value, *record* identifies the errant record number, and *size* indicates the length of the errant record. Enrichment truncated the indicated line at the length specified in the <LRECL> tag *size* parameter.

**What to do:** Set the <LRECL> tag *size* value larger or ensure that the length of text added with Add group tags is less than or equal to the <LRECL> tag *size* value. You can also remove the <LRECL> tag from the Output group. This causes all records to be processed as variable length, correcting the condition indicated by this message and improving performance.

## PDR2194I

Output line shorter than defined <LRECL> value for a fixed record length output *name*. File name: *filename*, at line number *record*. Line length *size* has been padded with blanks to the <LRECL> value specified.

**What happened:** A line was shorter than that specified in the Output group <LRECL> tag *size* parameter for a fixed record length output. *name* indicates the Output group <NAME> tag name value, *filename* identifies the Output group <FILE> tag *filename* value, *record* identifies the errant record number, and *size* indicates the length of the errant record. Enrichment padded the line with blanks to the length specified by the <LRECL> tag *size* value.

**What to do:** Set the <LRECL> tag *size* value smaller or ensure that the length of text added with Add group tags is equal to the <LRECL> tag *size* value. You can also remove the <LRECL> tag from the Output group. This causes all records to be processed as variable length, correcting the condition indicated by this message and improving performance.

## PDR2195W

An I/O error was detected while closing output *name*. File name: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment encountered an error while closing the output file. *name* indicates the Output group <NAME> tag name value, *filename* identifies the Output group

<FILE> tag filename value, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Correct the condition indicated by the message, or contact your systems administrator.

## PDR2196I

Convenience break occurred for Output group <NAME> *name*. Old file name: *filename*. New file name: *filename*. Bytes: *number*. Records: *number*. Pages: *number*. Documents: *number*.

**What happened:** You used the <FILEMAX> tag in your Output group and your output was separated by size. The Output group <NAME> tag *name* value, the Output group <FILE> tag *filename* value defining the file in which the break occurred, the Output group <FILE> tag *filename* value defining the new file, and the *number* of bytes, records, pages, and documents in the old file are listed.

**What to do:** This message requires no further action.

## PDR2197I

There are no more files listed for output *name* after file name: *filename*. The requested break did not occur after *quantity*. Type: *type*.

**What happened:** You used the <FILEMAX> tag in your Output group and you did not specify enough output files to break the output as you specified. *name* indicates the Output group <NAME> tag *name* value, *filename* identifies the Output group <FILE> tag *filename* value of the last output file used, *quantity* indicates the <FILEMAX> *size* setting at which a break should have occurred, and *type* indicates the <FILEMAX> tag *type* value defining the convenience break type. Enrichment places the extra data in the last output file named in the Output group.

**What to do:** Browse the last output file specified to see how many extra bytes, lines, pages, or documents were included. Then, add <FILE> tags to your Output group and define corresponding files on your system sufficient to handle the data.

## PDR2198W

An attempt was made to close a file that is not open name. Filename: Filename

**What happened:** Enrichment attempted to close a file that was not open. NAME indicates the Output group <NAME> tag name value and FILENAME identifies the Output group <FILE> tag

filename value. This may have been caused by no output being written to a file specified via a <DYNFILE> tag.

**What to do:** No further action is required, but the specified file will not exist.

## PDR2200W

No end of line character will appear in the output because you have specified a FIXED format in a <LRECL> tag.

**What happened:** A <LRECL> tag with a FIXED format was specified in the Input or Output tag group. Output lines will not be terminated with an end of line character.

**What to do:** This message requires no further action.

## PDR2201S

An endline cannot be specified with a <LRECL> FIXED tag in the same tag group.

**What happened:** A <LRECL> tag with a FIXED format and an endline character was specified in the same Input or Output tag group.

**What to do:** Do not specify an end of line character if you want fixed length records.

## PDR2202I

Unable to open dynafilename *filename* for output *name*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment is unable to open the named file identified by *filename*. *number* and *text* indicate the error generated when Enrichment tried to open the file. Enrichment places the extra data in the last output file named in the Output group.

**What to do:** Check that the indicated file is defined correctly. Also, make sure you have write access to the named file. There might be a limit on the number of open files; make sure this limit was not exceeded.

## PDR2203S

An I/O error was detected while writing a resource record to: *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not write to the output file. *filename* identifies the resource related file filename that could not be written to, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the output name is correctly specified and the file exists, and enough space is allocated to it. If the problem recurs, contact your system administrator.

## PDR2204I

An I/O error was detected *action*. C Error Number: *number*. Error text: *text*.

**What happened:** A file I/O error occurred during PDF processing performing the described *action*. *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Ensure that you have appropriate permissions to perform the requested action.

## PDR2205S

An error was encountered while action

**What happened:** An error occurred during PDF processing while performing the specified action.

**What to do:** Resolve the accompanying PDR2204I message.

## PDR2210S

Input *name* must be stored in memory but no memory is available. Change <I 0> MEMORY for this input to <I 0> OPTIMUM or another value.

**What happened:** You specified MEMORY for the Input group <I 0> tag, but there is not enough room in memory to store all Enrichment data and results. *name* indicates the Input group <NAME> tag *name* value for the input that could not be stored.

**What to do:** Change the <I 0> tag setting to OPTIMUM, HILERSPACE, TRANSFER, or DISK.



## PDR2211D

Field *name1* found in input *name2* on line *number* extended beyond the end of the line-data record. The extension is set to blanks.

**What happened:** You specified a field whose value occurs at the end of a record in your line data and your input is variable length. The length you specified for the field value extends beyond the current length of the record. *name1* indicates the Field group <FI ELD> tag name value of the field, *name2* indicates the Input group <NAME> tag name value of the input in which the field value is found, and *number* indicates the record number on which the field value is found. Enrichment processed the field normally, padding the field value with blanks to the right.

**What to do:** This message requires no further action.

## PDR2212W

The sort field *name1* was not found in the document with input *name2* that ended on line *number*. The sort field is set to blanks.

**What happened:** You specified a sort field whose name was not found in one of the input files you specified. *name1* indicates the Field group <FI ELD> tag name value of sort field, *name2* indicates the Input group <NAME> tag name value of the input, and *number* indicates the record number in the input on which the document ended. Enrichment sets the field value to blanks.

**What to do:** If the sort field value should have been found, check the Field group definition and the input to make sure they correspond. Otherwise, Enrichment will sort the input on a blank field value for the document on the given record number.

## PDR2213W

Replaceable field *name1* found in input *name2* on record *number* of the current document extended beyond the end of the record. '

**What happened:** You specified a field whose value occurs at the end of a record in your data. <FIELD> tag name value of the field, *name1* indicates the Field group, *name2* indicates the Input group <NAME> tag name value of the input in which the field value is found, and *number* indicates the record number on which the field value is found.

**What to do:** If this record is used in output, a severe error may occur, and the field definition will need to be changed. If this record (or the document it is in) is not used in output, the field definition may need to be changed.

## PDR2214W

Field *name1* found in input *name2* on line *record* is above the top of the current document. The field was ignored.

**What happened:** You specified a Field group <LOCATI ON> that was on the previous document. The <FI ELD> tag *name1* value of the invalid field, the *name2* value of the Input group <NAME> tag being processed, and the *record* number on which the invalid field value was found are given. Enrichment ignored the field and used only fields on the current document.

**What to do:** Specify fields for a document within that document.

## PDR2215S

Line *record* of input *name* only has *number* characters. This is less than the minimum number of characters defined by the <SKI PCOL> tag. The line is invalid.

**What happened:** You specified an Input group <SKI PCOL> tag *col umns* value to skip a specific number of characters at the beginning of each line of the input. A record in the input did not contain this minimum number of characters. *record* indicates the number of the errant input record, *name* indicates the Input group <NAME> tag *name* value of the input, and *number* indicates the number of characters in the invalid record.

**What to do:** Investigate why this line of the input did not have at least the number of characters specified by the <SKI PCOL> tag *col umns* value. Correct the input or the <SKI PCOL> tag specification.

## PDR2217I

Insufficient memory to store input *name*. Switching to use Hiperspace storage.

**What happened:** You specified OPTI MUM for the Input group <I O> tag value and there was not enough room in memory to store all Enrichment documents. *name* indicates the Input group <NAME> tag *name* value. Enrichment attempts to store the remaining documents in Hiperspace.

**What to do:** Enlarge your REGI ON size to store more documents in memory to improve performance.

## PDR2218S

You specified <I O> HIPERSPACE for input *name* and you specified a <HI PERTRANSFER> value of 0 in the Environment group.

**What happened:** You specified an <I O> tag value of HI PERSPACE in one or more Input groups and a Environment group <HI PERTRANSFER> tag value of 0. Enrichment had no area in which to pass file information to Hiperspace. *name* indicates the Input group <NAME> tag name value.

**What to do:** Set the <HI PERTRANSFER> tag to a value from 1K to 2M. Set <HI PERTRANSFER> to 0 only if you set the <I O> tag to OPTI MUM, MEMORY, TRANSFER, or DI SK.

## PDR2219W

Enrichment tried to use Hiperspace for input *name* but you specified a <HI PERTRANSFER> value of 0 in the Environment group. Switching to disk storage.

**What happened:** You set the <I O> tag to OPTI MUM or TRANSFER in one or more Input groups and you set the Environment group <HI PERTRANSFER> tag to 0. Enrichment had no area in which to pass file information to Hiperspace. *name* indicates the Input group <NAME> tag name value.

**What to do:** If you do not want to use VSAM files in Enrichment processing, set the <HI PERTRANSFER> tag to a value from 1K to 2M.

## PDR2220W

Input *name* contains *number* pages before the first document. These pages will not be in the output.

**What happened:** You set the Input group <DOCUMENT> tag type value to TOP, but the field you identified in the name parameter did not occur on the first page of the input. *name* indicates the Input group <NAME> tag name value and *number* indicates the number of pages that occur before the first <DOCUMENT> tag value is located. Enrichment ignores all pages before the first page of the first document.

**What to do:** Check the input file to make sure you do not want these pages to occur in the output. If you want these pages in the output, redefine the Field group you are using to identify top of document.

## PDR2221W

Input *name* contains *number* records before the first page of the first document. These records will not be in the output.

**What happened:** There is data before the first page of the line-data input file. That is, there is data that precedes the first top-of-page identifier in the input file. *name* indicates the Input group <NAME> tag name value and *number* indicates the number of records of data before the first page of the first document. Enrichment ignored the data that precedes the top of the first page of the first document.

**What to do:** Check the input file to make sure you do not want this data to occur in the output. If you want this data in the output, adjust or set the <PAGE> tag value to match the top of data in the input and make sure the <DOCUMENT> tag value can be located on the new first page in the input if you set its *t* type parameter to TOP.

## PDR2222I

Insufficient memory to store input *name*. Switching to use disk storage.

**What happened:** You specified OPTIMUM for the Input group <I O> tag value and there was not enough room in memory to store all Enrichment documents. Name indicates the Input group <NAME> tag *name* value. Enrichment attempts to store the remaining documents on disk.

**What to do:** Make more memory available to Enrichment to store more documents in memory to improve performance.

## PDR2224W

Input *name*, file *filename*, record length of *number* exceeds maximum record length specified on <MSI ZE> tag. Line *record* truncated.

**What happened:** The record length Enrichment read is longer than the maximum record length you specified for your multiple-up input file. *name* indicates the Input group <NAME> tag name value, *filename* identifies the Input group <FILE> tag *filename* of the input, *number* indicates the invalid record length, and *record* identifies the number of the record that was truncated.

**What to do:** Use the Mup group <MSI ZE> or <MTRC> tags to change the size of multiple-up input lines to correspond with the maximum record length or your input file.

## PDR2225S

A record exceeded internal buffer size *buffer* in input *name*, file *filename*.

**What happened:** Because the record Enrichment read from your input was longer than the maximum record length you specified for your input, an internal Enrichment buffer was exceeded. *name* indicates the <NAME> tag name value of the input, *filename* identifies the location and name of the input file, and *buffer* indicates the size of the internal buffer.

**What to do:** Use the Mup group <MSI ZE> or <MTRC> tags to change the size of multiple-up input lines to correspond with the maximum record length of your input file.

## PDR2226S

Invalid AFP record at record number *record* of document *document* on page *page* in input *input*. The record length is *length*.

**What happened:** A text length of 0 was encountered in record number *record*. The problem is likely an invalid text length specification in the record. *Page* is the page number of the record. *Document* is the document number. *Input* is the input name and *recordsize* is the record size.

**What to do:** Check the length of each text string in the record to see if it equals the length that precedes the text.

## PDR2227S

Invalid AFP record length *length* found at record number *number* of file *filename*.

**What happened:** Enrichment encountered an invalid AFP record and terminated.

**What to do:** Ensure that the program generating the input file is generating valid AFP. AFP records must be between 9 and 32767 characters in length.

## PDR2228S

Field *fieldname* in input *inputName* cannot use a <WINDOWREF> tag referencing itself.

**What happened:** A field used itself as a <WINDOWREF> value, this is not allowed.

**What to do:** Create a different field for use as the <WINDOWREF> value.

## PDR2229W

Field *fieldName* reached its maximum size of *size*. Its value will be truncated.

**What happened:** The specified field reached its maximum size, and its value will be limited to that size.

**What to do:** If using the value of this field, increase its size using the <COMBINE> tag.

## PDR2230I

The maximum number of file buffers was filled while storing input *name* in memory. Switching to use Disk or Hiperspace storage.

**What happened:** You specified OPTI MUM for the Input group <I O> tag and have already used the maximum number of file buffers allowed to store Enrichment documents in memory. *name* indicates the Input group <NAME> tag name value. Enrichment attempts to store the remaining documents in Hiperspace.

**What to do:** Increase the Environment group <MAXFILEBUFFERS> value to store more documents in memory to improve performance.

## PDR2251W

Record *number* in input *name* contains the R, D or X field *field* on a page that will be deleted. The field is ignored.

**What happened:** You specified to replace or delete a field or to delete the record on which a field is found, but the field exists on a page that will be deleted. *name* indicates the Input group <NAME> tag name value, *number* indicates the record number on which the field was found, and *field* indicates the Field group <FIELD> tag name value of the field. Enrichment ignored the field.

**What to do:** Make sure no field defined with a <FIELD> tag act i on value of P occupies the same page as the field identified by *field*. Only fields with act i on values of K can be defined on pages that also contain fields with act i on values of P.

## PDR2252W

Record *number* in input *name* contains the <I NSERTPAGE> or <I NSERTREC> field *field* on a page that will be deleted. The field is ignored.

**What happened:** You specified an insert field on a page that will be deleted. *name* indicates the Input group <NAME> tag name value, *number* indicates the record number on which the field was found, and *field* indicates the Insertpage group <I NSERTPAGE> or Insertrec group <I NSERTREC> tag varname value of the field. Enrichment ignored the field.

**What to do:** Make sure no field defined with a <FI ELD> tag act i on value of P occupies the same page as the field identified by *field*. Only fields with act i on values of K can be defined on pages that also contain fields with act i on values of P.

## PDR2253S

All pages in a document have been deleted using a field with action P. The document was in input *name* on record *number*.

**What happened:** You have deleted all pages in a document using fields with act i on parameters set to P. *name* indicates the Input group <NAME> tag name value and *number* indicates the record number in the input at which the document occurred. Enrichment processing stopped.

**What to do:** Check the field used to delete pages (field act i on of P) with documents at the specified location. You cannot delete all pages of a document with field action K.

## PDR2254W

For One-at-a-time processing, trailer records are added to the last output only.

**What happened:** You have requested to keep the trailer records for each output during a One-at-a-time processing. Trailer records could not be obtained until the end of the input file. No attempt will be made to write a trailer except for the last output.

**What to do:** Force All-at-a-time processing by using the <SORTMATCH> tag group. If input data order is to be unchanged, sort in ascending order with the system variable %%INPUT\_ORDER.

## PDR2300S

Nesting of insert caused infinite loop at <I NSERTPAGE>/<I NSERTREC> *varname*.

**What happened:** You attempted to imbed a file called by an insert within the same file called by another insert. *varname* indicates the <I NSERTPAGE> or <I NSERTREC> tag name value of the duplicated insert.

**What to do:** Make sure that all Insertpage and Insertrec groups point to unique files.

## PDR2301S

Maximum nesting of inserts exceeded at <I NSERTPAGE>/<I NSERTREC> *varname*. Maximum nesting of inserts is *number*.

**What happened:** You exceeded the number of nested inserts allowed at your site. *number* indicates the maximum number of inserts that can be nested and *varname* indicates the <I NSERTPAGE> or <I NSERTREC> tag varname value of the insert at which the maximum was exceeded.

**What to do:** Remove all nested files above the limit indicated by *number*.

## PDR2460S

Could not load ADDRSCAN.

**What happened:** Enrichment could not load the ADDRSCAN subroutine needed to pass addresses to Finalist.

**What to do:** Make sure that the ADDRSCAN subroutine of Finalist is installed at your site. If it is not, you cannot set the CASS group <LPCADDRESS> tag to YES or use the <LPCADDRSCN> tag. If the ADDRSCAN subroutine is installed, see your systems administrator. Ensure that the Finalist load library is in your STEPLIB or JOBLIB.

## PDR2461S

Could not load LPFN000.

**What happened:** Enrichment could not load the LPFN000 module needed to use Finalist.



**What to do:** Make sure that Finalist is fully installed at your site. If Finalist is installed, see your systems administrator. Ensure that the Finalist load library is in your STEPLIB or JOBLIB.

## PDR2462S

Could not load LPFNORP.

**What happened:** Enrichment could not load the LPFNORP module needed to use Finalist.

**What to do:** Make sure that Finalist is fully installed at your site. If Finalist is installed, see your systems administrator. Ensure that the Finalist load library is in your STEPLIB or JOBLIB.

## PDR2463S

Enrichment could not load a module needed to use Finalist or virtual file processing.

**What happened:** Enrichment could not load a module needed to use Finalist. *module* identifies the module.

**What to do:** If the module is InitializeVDD, ensure Virtual.dll is in your path, and that you are using the 32-bit dll with the 32-bit engine, or the 64-bit dll with the 64-bit engine. Otherwise, make sure that Finalist is fully installed at your site. If it is not, you cannot set the CASS group <CASSTYPE> tag to LPC or Nat i ve. If Finalist is installed, see your systems administrator. Ensure that the Finalist bin directory is in your system path.

## PDR2464S

64 bit engine is not supported with *feature*.

**What happened:** 64 bit Enrichment is not supported with the Finalist compatibility interface and Code1 Plus.

**What to do:** Remove the tag from your control file.

## PDR2466S

Invalid mailer ID or block size specified for the IMBRange function.

**What happened:** An invalid mailer ID or block size was specified.

**What to do:** See the *StreamWeave Language Reference* for information on the valid values for the `IMBRange` function.

## PDR2469S

Finalist call *name* returns error *error\_number*, module: *module*, error type: *error\_type*, error message: *error\_message*.

**What happened:** Enrichment received an internal error notification from a Finalist module.

**What to do:** If you are attempting to run Finalist with DPV enabled, verify that the Finalist file `xxf.su$` is in the current working directory. If you are attempting to run Finalist with LACS<sup>Link</sup> enabled, verify that the Finalist file `xxl.su$` is in the current working directory. You may also check your *Finalist User's Guide* for more information on the error number shown. If this does not help, contact technical support.

## PDR2473I

Finalist running [*non-CASS* or *CASS*] processing.

**What happened:** Enrichment has selected the indicated type (CASS™ or non-CASS™) of processing for Finalist.

**What to do:** If this is not the type of processing you desire, edit the Finalist configuration file `pbfn.cfg` and set the CASS flag to ON for CASS processing, or set the CASS flag to OFF for non-CASS processing.

## PDR2476S

*CODE-1 Plus/Finalist* has detected a false-positive (seed) violation in [*DPV* or *LACS/Link*] processing. Address lines: *addresslines*. Processing will terminate.

**What happened:** A seed violation in either DPV or LACS<sup>Link</sup> was encountered by the CASS engine.

**What to do:** Log on to the technical support website at [www.g1.com/support](http://www.g1.com/support) to retrieve a replacement DPV or LACS/Link license key file. Click on the menu item "DPV & LACS/Link False-Positive" to locate the correct DPV or LACS/Link database entry for the CASS product that was running when the false-positive violation occurred.

## PDR2477W

*CODE-1 Plus/Finalist* has detected a false-positive (seed) violation in [DPV or LACS/Link] processing. Address lines: *addresslines*.

**What happened:** A seed violation in either DPV or LACS<sup>Link</sup> was encountered by the CASS engine.

**What to do:** Report this violation to the USPS in the manner prescribed by your Stop Processing Alternative waiver.

## PDR2490S

Mail360 IMBGetRangeEXT API request failed with return code *code* and message *message text*.

**What happened:** MAIL360 encountered an error when processing the request from Enrichment.

**What to do:** See the MAIL360 documentation for information on the error.

## PDR2491S

PDF input conversion failed: *message*.

**What happened:** An error occurred while converting the PDF file to its intermediate format.

**What to do:** Correct the error. The entire conversion log can be found using the file specified in <PDFLOGFILE>, if that tag is present. If you are not able to correct the error, contact Technical Support.

## PDR2492S

*fi l edi r name* is not a valid path for <FI LEDI R> in *i nputname*.

**What happened:** You specified a path to a file system object such as a file or folder which is not valid. The <FI LEDI R> tag *fi l edi r name* value is given.

**What to do:** Specify a valid path for <FI LEDI R>.

## PDR2493S

Invalid path is specified for <PDFINSTALLDIR> directory.

**What happened:** The specified argument does not exist, or is a file.

**What to do:** Ensure the specified argument exists and is a valid directory.

## PDR2494S

PDF output conversion failed: *message*.

**What happened:** An error occurred while converting the PDF file from its intermediate format.

**What to do:** Correct the error. The entire conversion log can be found using the file specified in <PDFLOGFILE>, if that tag is present. If you are not able to correct the error, contact Technical Support.

## PDR2495S

Invalid value *value* for the <PDFCLIPCHECK> tag. The value must be *NO* or *FONTBBOX*.

**What happened:** You specified a value other than *NO* or *FONTBBOX* for the <PDFCLIPCHECK> tag. The invalid value is given.

**What to do:** Specify the value for <PDFCLIPCHECK> as either *NO* or *FONTBBOX*.

## PDR2496S

Invalid <PDFFONTFORMAT> fontFormat parameter *value*. Value must be *OUTLINE*, *BITMAP*, or *EXTERNAL*.

**What happened:** You specified a font format value other than *OUTLINE*, *BITMAP*, or *EXTERNAL* for the <PDFFONTFORMAT> tag. The invalid value is given.

**What to do:** Specify a value of *OUTLINE*, *BITMAP*, or *EXTERNAL* in the <PDFFONTFORMAT> tag. It defines the format you would prefer PDF Output to use for fonts.

## PDR2497S

Invalid <PDFIMAGERESOLUTION> value *resolution*. Must be numeric and in the range 1 to 600.

**What happened:** You specified a value other than a number from 1 to 600 for the <PDFIMAGERESOLUTION> tag. The invalid quality value is given.

**What to do:** Specify a number from 1 to 600 in the <PDFIMAGERESOLUTION> tag to define the resolution of the 1-bit images.

## PDR2498S

Invalid <PDFJPEGQUALITY> value *quality*. Must be numeric and in the range of 1 to 100.

**What happened:** You specified a value other than a number from 1 to 100 for the <PDFJPEGQUALITY> tag. The invalid quality value is given.

**What to do:** Specify a number from 1 to 100 in the <PDFJPEGQUALITY> tag to define the quality of the true color images using JPEG.

## PDR2499W

Error executing olf2vdf. Ensure that it is in the PATH environment variable.

**What happened:** EngageOne Enrichment was unable to execute olf2VDF.

**What to do:** Ensure that the olf2vdf executable is in a directory in the PATH environment variable.

## PDR2500W

Replace field *field1* overlaps another replace field *field2* on line *number* of output *name*. Substitution results are unpredictable if the field replace is variable length.

**What happened:** You specified two replace fields and their target areas overlap. *field1* and *field2* identify the two fields, *number* indicates the output line number on which the fields overlap, and *name* indicates the Output group <NAME> tag name value. The second field value overlaps the first if both fields are fixed length replace. If the fields are variable length replace

and the record was contracted by the first field, the positioning of the second field will be incorrect.

**What to do:** Check the Field group tag definitions for these two fields to insure that their targets do not overlap.

## PDR2501W

Enrichment converted lowercase letter *letter* used within a 3of9 barcode to uppercase for use in the barcode.

**What happened:** You specified a lowercase constant or variable Add group <ADDPART> tag value for a 3of9 barcode. However, a 3of9 barcode can only contain uppercase characters. The lowercase *letter* is given. Enrichment changed all lowercase characters in the value to uppercase characters so the 3of9 barcode could be printed.

**What to do:** Make sure all <ADDPART> tag values for use in 3of9 barcodes are specified in uppercase letters.

## PDR2502W

Enrichment converted invalid character (hex *value*) used within a 3of9 barcode to a period for use in the barcode.

**What happened:** You specified a constant or variable Add group <ADDPART> tag value that was not allowable for a 3of9 barcode. Valid characters in a 3of9 barcode are numbers, uppercase letters, blanks, and the characters \*, -, \$, /, +, and %. *value* indicates the hexadecimal value of the invalid character. Enrichment changed the invalid character to a period so the barcode could be created.

**What to do:** Change the characters used for the barcode to valid 3of9 characters.

## PDR2503W

Length *length* of variable *varname* value is longer than the maximum length of *number* for use in <ADDPART>, <SI DEPART> or <SORTPART>. Variable value may be truncated.

**What happened:** The *varname* value you specified for the <ADDPART>, <SI DEPART> or <SORTPART> tag is longer than the maximum length you specified. *varname* identifies the name errant variable, *length* indicates the variable's actual length and *number* indicates the

maximum allowable length you specified for the variable value. Enrichment may truncate the variable value to the maximum length when it is necessary.

**What to do:** Be aware that truncation may take place.

## PDR2504W

<INSERTPAGE>/<INSERTREC> file *filename* for N-Up output processing is not Line Data type. File not added.

**What happened:** The Insertpage or Insertrec group <TYPE> tag for the insert you were attempting to add to a multiple-up output was set or defaulted to AFPDS. The filename value of the Insertpage or Insertrec group <FILE> tag is given. Enrichment did not add the insert value.

**What to do:** Change the <TYPE> tag setting of the added insert to IMPACT, DJDE, AFPLINE, or AFPMIXED.

## PDR2505W

Invalid character in position *position* of PLANET® [or POSTNET] string *value*. PLANET® [or POSTNET] barcode not created.

**What happened:** You specified a constant or variable <ADDPART> tag value that was not allowable for a PLANET® or POSTNET barcode. Only numbers and a leading and trailing framing character are allowed in a PLANET® or POSTNET barcode. Enrichment did not create the barcode.

**What to do:** Change the characters being used for the barcode to numbers to create a valid PLANET® or POSTNET barcode. If you are using address cleansing software to create these POSTNET characters, check your parameters to the address cleansing software.

## PDR2506W

Invalid character (hex: *value*) in 2of5 or Matrix 2of5 barcode.

**What happened:** You specified a constant or variable Add group <ADDPART> tag value that was not allowable for a 2of5 or Matrix 2of5 barcode. Only numbers are allowed in a 2of5 and Matrix 2of5 barcodes. Enrichment did not create the barcode.

**What to do:** Change the characters being used for the barcode to numbers to create a valid 2of5 or Matrix 2of5 barcode.

## PDR2507S

No <POSREC> tag was found for an <ADD> group for a PostScript stream.

**What happened:** You specified an Add group for a PostScript stream but did not include the <POSREC> tag. This tag is required for PostScript adds.

**What to do:** Include the <POSREC> tag.

## PDR2508W

Invalid character in position *position* of 4-State or IMB string *value*. 4-State or IMB barcode not created.

**What happened:** You specified a constant or variable <ADDPART> tag value that was not allowable for a 4-State or IMB barcode. Only numerals 0, 1, 2 and 3 are allowed in a 4-State or IMB barcode. Enrichment did not create the barcode.

**What to do:** Change the characters being used for the barcode to numerals 0, 1, 2 and 3.

## PDR2509W

Enrichment converted invalid character (hex *value*) used within a Code 128 barcode type *type* to a period for use in the barcode.

**What happened:** You specified a constant or variable Add group <ADDPART> tag value that was not allowable for a Code 128 barcode. The valid characters in a Code 128 barcode depend on the barcode type specified by the <CODE128> tag. *value* indicates the hexadecimal value of the invalid character. Enrichment changed the invalid character to a period so the barcode could be created.

**What to do:** Change the characters used for the barcode to valid Code 128 characters, or change the barcode type in the <CODE128> tag to a type that supports the characters you want to use.



## PDR2510W

The ChinaPost is not 11 characters long.

**What happened:** The string specified in the <ADDPART> tag(s) is not 11 characters long. Enrichment generated the ChinaPost barcode even though the length is not 11 characters. ChinaPost expects the ChinaPost barcode to be 11 characters long.

**What to do:** Make sure that the value you specified for the ChinaPost barcode is appropriate.

## PDR2511W

The DataMatrix barcode was not generated because the input string *string* was too long.

**What happened:** The string specified in the <ADDPART> tag(s) is too long to encode in a DataMatrix barcode.

**What to do:** Reduce the length of the data. Also, square barcodes can contain more data than rectangular ones, so if the <DATAMATRIX> tag specifies to create a rectangular barcode, change it to create a square one. For more information, including the maximum amount of data that can be encoded in a DataMatrix barcode, see the *Language Reference*.

## PDR2512S

Invalid character for Code 128 character set "C".

**What happened:** You attempted to encode a character that is not supported by Code 128 character set C. Character set C supports only numbers.

**What to do:** Either modify the <CODE128> tag to use different character set or modify the characters you want to encode to include only those supported by character set C. See the *Enrichment Language Reference* for more information on the <CODE128> tag.

## PDR2513W

EAN13 barcode is not 12 characters long. Barcode not created.

**What happened:** You specified an EAN13 barcode and <ADDPART> tags with a total length that was not 12.

**What to do:** Specify <ADDPART> tags that have a total length of 12.

## PDR2514W

QR barcode was not generated, the input data did not match the specified encoding.

**What happened:** You specified data that did not match the specified encoding.

**What to do:** Ensure the data is correct, or specify a different encoding. Alphanumeric encoding supports uppercase characters. Encoding lowercase characters requires Binary encoding.

To encode lowercase alpha-numeric such as a URL: use <QRCODE> B (binary encoding). Here is an example with the correct encoding:

```
// QR Code
<add>
  <addtype>Q
  <addpart>'http://www.g1.com/support'
  <qrcode> 1 B Y
  <position> 2 2 IN
</add>
```

## PDR2515I

HIPERSPACE is not valid on 64 bit z/os applications and is treated as MEMORY. <IO>H is replaced with <IO>M.

**What happened:** Hiperspace does not exist on 64-bit z/os applications and will be treated as Memory.

**What to do:** This message requires no further action.

## PDR2516W

UPC-A barcode is not 11-characters long. Barcode not created.

**What happened:** You specified an UPC-A barcode and <ADDPART> tags with a total length that was not 11.

**What to do:** Specify <ADDPART> tags that have a total length of 11.

## PDR2517W

A text <ADD> contains a character: *character* that is not present in font *fontname*; it may not display properly.

**What happened:** The font specified for an <ADDDTYPE> text is missing in the <ADDPART>'s. The text may not display properly.

**What to do:** Use a different font, or generate a different font using OLF2VDF as described in the Developer's Guide.

## PDR2518W

Character: *character* is not present in font *fontname* used in <FIELD> *fieldname*; it may not display properly.

**What happened:** The font used for the specified field that is being replaced does not contain all the character glyphs for the replacement text. The text may not display properly.

**What to do:** Specify a <FONTNAME> tag to change the font of the given field, or generate a different font using OLF2VDF as described in the Developer's Guide.

## PDR2601S

Unable to load step *name*.

**What happened:** Enrichment was unable to load one of the steps you specified in a the Presort group <STEP> tag. *name* indicates the <STEP> tag program value of the step not loaded.

**What to do:** Make sure the step you specified matches a program currently available at your site and that the correct JOBLI B or STEPLI B is specified in your JCL.

## PDR2602S

Step *name* skipped due to previous step condition code.

**What happened:** The program returned a condition code other than 0 for a program identified by a Presort group <STEP> tag. *name* indicates the <STEP> tag program value of the skipped step.

**What to do:** Make sure you defined the parameter files and the sort file correctly. See your systems administrator.

## PDR2610P

Preparing to execute step *program*.

**What happened:** Enrichment is preparing to initiate a program identified in the Presort group. *program* indicates the <STEP> tag program value for the step to be executed.

**What to do:** This message requires no further action.

## PDR2611P

Condition code 0 from step.

**What happened:** A program identified by a Presort group <STEP> tag returned a zero condition code. *program* indicates the <STEP> tag program value of the step.

**What to do:** No further action is required.

## PDR2612I

Condition code *code* from step *program*.

**What happened:** A program identified by a Presort group <STEP> tag returned a condition code. *code* identifies the condition code returned and *program* indicates the <STEP> tag program value of the step. If the condition code returned exceeded the maximum allowed by the rc parameter, Enrichment processing stops.

**What to do:** If the condition code returned was acceptable, no further action is required. If the condition code returned was abnormal, correct the condition that caused the problem.

## PDR2613S

Output *name* document index *value* is not within range. Check Presort *filename* in column *number*.

**What happened:** The document index, specified by the %%DOCINDEX system variable, is not positioned in the Inkjet file where you specified it to be. *name* indicates the <NAME> tag name value of the output, *value* indicates the invalid index read from the file named by the <OUTFILE1> tag, *filename* is the name and location of the file identified by the <OUTFILE1> tag, and *number* is the <INDEXCOL> tag column value.

**What to do:** View the Inkjet file and find out the actual column number the document index begins in and the document index length. Use the Presort group <INDEXCOL> tag to tell Enrichment where the document index is inside the Inkjet file.

If calling Spectrum, and *value* is blank, check the Spectrum execution log to ensure the job executed properly.

## PDR2614S

The fetch for the sort interface module failed.

**What happened:** Enrichment is attempting to do a system sort as part of a presort step. It fails when it attempts to find the load module to do the sort.

**What to do:** Make sure that you have installed Enrichment correctly. Check to see that you have PDRSORTI named in the JOBLIB or STEPLIB library specified in the JCL for this job.

## PDR2615S

Document index for output cannot be created with only 8 bytes. A 16 byte document index must be used.

**What happened:** %%DOCINDEX could not be constructed using only 8 bytes. This can occur on 64 bit HP platforms, or those with very large amounts of memory.

**What to do:** %%DOCINDEX and <INDEXCOL> must be used with a 16 byte length. If using MailStream Plus, this will preclude the use of the inkjet file. The standard output file must be used. PAVE-related system variables other than %%LPC\_INKJET will not be populated.

## PDR2616S

UAM document index *value* is not within range. Check *filename* in column *number*.

**What happened:** The document index, specified by the %%DOCINDEX system variable, is not positioned in the Spectrum output file where you specified it to be.

- *value* indicates the invalid index read from the file named by the <SPECTRUMOUTFILE> tag.
- *filename* is the name and location of the file identified by the <SPECTRUMOUTFILE> tag.
- *number* is the location of the Spectrum DocIndex field specified in the <SPECTRUMOUTSCHEMA>.

**What to do:** Ensure the output schema has been exported properly, and ensure that the DocIndex is in the output file.

## PDR2700S

Unexpected End Of File in Reprint input file.

**What happened:** The %%OUT\_RECORD and %%TOTAL\_RECORDS system variable values listed in the Reprint Index indicate that the Reprint group input file should contain more records than it does.

**What to do:** Verify that the %%OUT\_RECORD and %%TOTAL\_RECORDS system variable values listed in your Reprint Index match the actual record counts in the Input file. If they do not match, check the application that is creating both files for errors. If they do match, contact Technical Support.

## PDR2701S

Error opening Reprint input file. Filename *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Reprint was unable to open a Reprint group input file. *filename* identifies the file that could not be opened, *number* indicates the C Error Number, and *text* indicates the error text.

**What to do:** Make sure the file name is correctly specified and that the file exists. If the problem recurs, contact your systems administrator.

## PDR2702S

Error closing Reprint input file. Filename *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Reprint was unable to close a Reprint group input file. *filename* identifies the file that could not be closed, *number* indicates the C Error Number, and *text* indicates the error text.

**What to do:** Correct the condition indicated by the error message, or contact your systems administrator.

## PDR2703S

Number of records specified by the <HEADER> tag exceeded the number of records in the input file.

**What happened:** The number of header records specified is greater than the total number of records in the input file. Reprint has reached the end of file.

**What to do:** Specify a valid value for the number of header records.

## PDR2704S

The string specified as end of header by the <HEADER> tag was not found in the input file.

**What happened:** Reprint has reached the end of the input file and the string specified as end of header is not found.

**What to do:** Make sure the string is valid in the file.

## PDR2705S

Invalid variable to number conversion. Data: *data*. Document number: *number*.

**What happened:** You specified a variable with a numeric value of 10 or more characters in length. This requires floating point math, which is not supported in Reprint.

**What to do:** Do not use numeric values of more than nine consecutive numeric characters in length as variable values.

## PDR2706S

PAGERANGE definitions or <DOCPAGES> statements are used in the rule file but the system variables required to support them are not defined in the Reprint Index.

**What happened:** You specified PAGERANGE definitions or <DOCPAGES> statements in the Reprint rule file, but did not specify %%OUT\_TOT\_L\_PAGE or %%OUT\_TOT\_L\_PAGE\_BEGIN system variables in an Index group <VAR> tag.

**What to do:** Add %%OUT\_TOT\_L\_PAGE and %%OUT\_TOT\_L\_PAGE\_BEGIN system variables as <VAR> tag values to the Index group. If these values are not currently included in your Reprint Index, you cannot use PAGERANGE definitions or <DOCPAGES> statements in your Reprint rule file.

## PDR2707S

All the variables required to support Reprint have not been defined.

**What happened:** %%OUT\_RECORD or %%TOTAL\_RECORDS system variables were not defined in an Index group <VAR> tag.

**What to do:** Make sure %%OUT\_RECORD and %%TOTAL\_RECORDS system variables are defined as <VAR> tags in the Index group. These variables are required before Reprint can process your inputs.

## PDR2708S

There is no Rule group in the control file. Reprint requires a rule file.

**What happened:** A Reprint rule file was not found. Reprint cannot select documents or page ranges from a Reprint input file without a rule file.

**What to do:** Specify a rule file for use with Reprint by adding a Rule group to the control file.

## PDR2709S

No match found for <I DVAR> *value =ID* in <FILE> list.

**What happened:** The Reprint group <I DVAR> tag varname value listed in the Reprint Index does not match any of the <FILE> tag ID values. *value* indicates the <I DVAR> tag varname value and *ID* indicates the unknown ID value.

**What to do:** Make sure the values listed as <I DVAR> values in the Reprint Index match exactly a <FILE> tag ID parameter.



## PDR2710S

An error occurred locating the top of a physical page. Record in error: *number*.

**What happened:** Reprint could not locate the top of a physical page.

**What to do:** Make sure the %%OUT\_RECORD and TOTAL\_RECORDS system variable values in the Reprint Index match the record numbers and placement in the Reprint input(s). If they do not match, check the application that is creating both files for errors. If they do match, contact Technical Support.

## PDR2711S

Multiple input files have been specified, but no <I DVAR> was specified and %%OUT\_FILE was not used.

**What happened:** You specified multiple <FI LE> tags in the Reprint group, but did not specify an <I DVAR> tag in the Reprint group or an %%OUT\_FI LE system variable as a <VAR> tag value in the Index group. Enrichment cannot identify to which file a document or page range belongs.

**What to do:** Either make sure each <FI LE> tag has an I D value that matches exactly an <I DVAR> tag value from the Reprint Index, or make sure the %%OUT\_FI LE system variable is listed as a <VAR> tag value in the Index group. Otherwise, only one input at a time may be processed through Reprint.

## PDR2849W

An address returned by your CASS™ cleansing software was too long to fit in your address field. It was truncated. Address: *data*.

**What happened:** The length of an address returned by the postal cleansing software exceeded the length you defined for the address area. The address *data* that was too long is given. Enrichment truncated the data at a length compatible with the address area.

**What to do:** If space permits, define larger address fields in the control file. Otherwise, truncated address lines will print in your output.

## PDR2850W

The following address label line was not used to populate the %%CASS\_ADDR block of system variables in document *docnumber labelline*.

**What happened:** Enrichment was unable to place the specified data returned from Finalist into the %%CASS\_ADDR block of system variables or into the address variables via CASS™ processing. If you are relying on this replacement, your output address may be incorrect for this document.

**What to do:** If you are not using the %%CASS\_ADDR block of system variables and not relying on the replacement of the address variables in CASS™ processing, then ignore this message or include the <LABELSONLY> tag in the CASS group of your control file. If you are relying on this replacement, you may need to recode your control file using the %%PBSS\_LABEL block of system variables.

## PDR2881S

Unknown internal convenience break switch.

**What happened:** The Output group <FI LEMAX> tag value was not properly stored internally.

**What to do:** Contact Technical Support.

## PDR2882S

Unknown Presort type.

**What happened:** The Presort group <PRETYPE> tag value was not properly stored internally.

**What to do:** Contact Technical Support.

## PDR2990S

Error opening file. File name *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open a file. *filename* identifies the name and location of the file that could not be opened, *number* indicates the C Error Number, and *text* indicates the error text.

**What to do:** Make sure the file name and location are correctly specified and that the file exists. If the problem recurs, contact your systems administrator.

## PDR2991S

Error writing to file. File name *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not write to a file. *filename* identifies the name and location of the file that could not be written to, *number* indicates the C Error Number, and *text* indicates the error text.

**What to do:** Make sure the file name and location are correctly specified and that the file exists. If the problem recurs, contact your systems administrator.

## PDR2992S

Error reading file. File name *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not read a file. *filename* identifies the name and location of the file that could not be read, *number* indicates the C Error Number, and *text* indicates the error text.

**What to do:** Make sure the file name and location are correctly specified and that the file exists. If the problem recurs, contact your systems administrator.

## PDR2993S

Error opening file. File name *name*.

**What happened:** Enrichment was unable to open the specified file.

**What to do:** Check that the file is specified correctly and that the location is accessible.

## PDR2995W

Error closing file. File name *filename*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not close a file. *filename* identifies the name and location of the file that could not be closed, *number* indicates the C Error Number, and *text* indicates the error text.

**What to do:** Correct the condition indicated by the error, or contact your systems administrator.

## PDR3001W

The Banner group <NAME> tag value *name* is more than 50 characters in length. It is truncated to 50 characters.

**What happened:** You specified a *name* value of more than 50 characters in length for the <NAME> tag. Enrichment only recognizes names up to 50 characters in length. *name* indicates the incorrect value. Enrichment used the first 50 characters of the *name* value you specified. Enrichment ignored the extra characters.

**What to do:** Make sure you only use a 50-character *name* value for the Banner group <NAME> tag.

## PDR3002S

The Banner group must have a <NAME> tag.

**What happened:** You specified a Banner group without a <NAME> tag.

**What to do:** Make sure you specify a <NAME> tag in the Banner group.

## PDR3004S

The Banner group <ALLOW> tag value *functions* is invalid. It must be SIDEFILE, ADD, DOCCOUNT, PAGECOUNT, or PAGE.

**What happened:** You specified a *functions* value for the type portion of the <ALLOW> tag.

**What to do:** Specify any or all functions values of SIDEFILE, ADD, DOCCOUNT, PAGECOUNT, or PAGE delimited by blanks.

## PDR3100S

The <singlebuffer> growth factor value *factor* is invalid. It must be a number between 1 and 200.

**What happened:** You specified a value of *factor* for the growth factor.

**What to do:** Specify a value for *factor* between 1 and 200.

## PDR3101S

Invalid <SINGLEBUFFER> *size*. Must be at least 1K.

**What happened:** You specified a value that was less than 1K for the Environment group <DOCBUFFER> tag. The invalid *size* value is given.

**What to do:** Specify a number followed by K (kilobytes) or M (megabytes) to define the size of memory blocks to allocate to Enrichment for each document found within each input during processing. The *size* value must be at least 1K.

## PDR3102S

Invalid <SINGLEBUFFER> maximum *maximum*. Must be at least 1K.

**What happened:** You specified a maximum value that was less than 1K for the environment group <SINGLEBUFFER> tag. The invalid *maximum* value is given.

**What to do:** Specify a number followed by K (kilobytes) or M (megabytes) to define the maximum size of memory blocks to allocate to Enrichment for each document found within each input during processing. The maximum value must be at least 1K.

## PDR3103S

Invalid <SINGLEBUFFER> maximum. Must be at least as great as size.

**What happened:** You specified a value for maximum that was less than the value for size on the Environment group <SINGLEBUFFER> tag.

**What to do:** Specify a value for maximum that is at least as great as the value specified for size to specify the maximum size of memory blocks to allocate to Enrichment for each document found within each input during processing.

## PDR3104S

The Environment group <FLUSH> tag value *value* is invalid. It must be ALL, MESSAGE, OUTPUT, SIDEFILE, or WRITE.

**What happened:** You specified an invalid value for the <FLUSH> tag.

**What to do:** Specify one or more of the following values: ALL, MESSAGE, OUTPUT, SIDEFILE, or WRITE. For more information, see the *Enrichment Language Reference*.

## PDR3105S

The single document buffer has exceeded the specified maximum value.

**What happened:** The single document buffer has exceeded the default value or the maximum value specified on the Environment group <SINGLEBUFFER> tag.

**What to do:** Specify a larger value for maximum on the <SINGLEBUFFER> tag or verify that your documents are defined correctly.

## PDR3106W

Invalid <TEMPDISK> MaxSize parameter value *maxsize*. For 64-bit environment, *maxsize* must be in the range of 1K to 2G. Enrichment will set *maxsize* to 2G.

**What happened:** You specified a maximum size that was out of range for the <TEMPDISK> tag. The invalid MaxSize value is given.

**What to do:** Specify a whole number followed by K, M or G to define the maximum size of the temporary disk file for Enrichment to store the input data. For 64-BIT environment, the MaxSize value must be at least 1K. For 32-BIT environment, the MaxSize value must be in the range of 1K to 2G.

- 1K = 1024 bytes
- 1M = 1048576 bytes
- 1G = 1073741824 bytes

- 2G = 2147483647 bytes

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**NOTE:** The MaxSize value must be large enough to hold the largest document.

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## PDR3107S

A record of size *recordSize* was found before the first page in <INPUT> *inputName*. It exceeds the <FILEBUFFER> size of *size*.

**What happened:** A record was found that exceeded the specified <FILEBUFFER> size.

**What to do:** Increase the <FILEBUFFER> size.

## PDR3120S

Invalid <MSGLIMIT> contains an incomplete specification.

**What happened:** You specified a <MSGLIMIT> tag without specifying both of its parameters.

**What to do:** Specify a value for the *maxpermsg* and *maxtotalmsg* parameters.

## PDR3121S

Invalid <MSGLIMIT> max per message value *maxpermsg*. *maxpermsg* must be a positive integer.

**What happened:** You specified an invalid value for the maximum number of messages per message value on the <MSGLIMIT> tag.

**What to do:** Specify a positive integer for the value.

## PDR3122S

Invalid <MSGLIMIT> maximum messages value *maxtotalmsg*. *maxtotalmsg* must be a positive integer.

**What happened:** You specified an invalid value for the maximum number of total messages value on the <MSGLIMIT> tag.

**What to do:** Specify a positive integer for the value.

## PDR3123S

A character has been repeated in the <CHARACTERS> strings. The repeated character is located at position *num* within the string *string*.

**What happened:** You specified a character twice. The character position and the string containing the repeated character are given.

**What to do:** Remove the duplicate character from the string.

## PDR3200I

Resource name *name* in input *input* was changed to *value* to avoid a conflict with a resource of the same name in input *name*.

**What happened:** Two input files contained a resource of the same name and type. One of the resources was renamed and all references to it changed.

## PDR3201S

Invalid <RESOURCEOUTFILE> fileExtensions parameter *value*. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the fileExtensions parameter of <RESOURCEOUTFILE> tag. The invalid value is given.

**What to do:** Specify the fileExtensions parameter for <RESOURCESCAN> as either Yes (write filenames with a file extension) or No (write filenames without a file extension).

## PDR3202S

Invalid <RESOURCEOUTFILE> singleFile parameter *value*. Value must be YES or NO.



**What happened:** You specified a value other than Yes or No for the singleFile parameter of <RESOURCEOUTFILE> tag. The invalid value is given.

**What to do:** Specify the singleFile parameter for <RESOURCESCAN> as either Yes (write all resources to a single file) or No (write all resources to separate files).

## PDR3203S

Invalid <RESOURCESCAN> resourceScanYN parameter *value*. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <RESOURCESCAN> tag. The invalid value is given.

**What to do:** Specify the parameter for <RESOURCESCAN> as either Yes (scan for resources) or No (do not scan for resources).

## PDR3204S

Invalid <REPLACE> value. The value must be YES, NO, or REMOVE.

**What happened:** You specified an invalid value for <REPLACE>.

**What to do:** Specify YES, NO, or REMOVE.

## PDR3205S

An I/O error was detected while opening the resource log file *file*. C Error Number: *number*. Error text: *text*.

**What happened:** Enrichment could not open the file you specified in the <RESOURCELOGFILE> tag. filename identifies the file that could not be opened, number indicates the I/O C Error Number, and text indicates the I/O error text.

**What to do:** Check that the file is specified correctly and that the location is accessible.

## PDR3206S

An I/O error was detected while opening the resource output file *file*. C Error Number: *number*.  
Error text: *text*.

**What happened:** Enrichment could not open the file you specified in the <RESOURCEOUTFILE> tag. *filename* identifies the file that could not be opened, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Check that the file is specified correctly and that the location is accessible.

## PDR3207S

An I/O error was detected while opening the resource input file *file*. C Error Number: *number*.  
Error text: *text*.

**What happened:** Enrichment could not open the resource input file. *filename* identifies the resource input file that could not be opened, *number* identifies the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Make sure the file name is correctly specified and that the resource input file exists. If the problem recurs, contact your systems administrator.

## PDR3208S

An I/O error was detected while closing the resource input file *file*. C Error Number: *number*.  
Error text: *text*.

**What happened:** Enrichment encountered a problem while closing your resource input file. *filename* identifies the control file, *number* indicates the I/O C Error Number, and *text* indicates the I/O error text.

**What to do:** Correct the indicated error or contact your systems administrator.

## PDR3209S

Resource *resource name* in input *input name* conflicts with a resource with the same name in a different input and cannot be managed.

**What happened:** There are two different resources with the same name that cannot be managed by Enrichment. For PCL, this error occurs if there are two fonts with the same Font Descriptor record, and they share a character (for example, the letter “A”), and they have a different raster pattern than the other for the letter “A”. For AFP, this error occurs if there are two Medium Map Overlays with the same name, but different contents.

**What to do:** Modify the process that creates the input print stream so it generates the problem resources differently, or generates them with different names. As an alternate workaround, turn off <RESOURCESCAN>. However, if you do this the job probably will not print correctly.

## PDR3210S

Invalid <SMARTMCFs> smartMCFs parameter *parameter*. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <SMARTMCFs> tag. The invalid value is given.

**What to do:** Specify the parameter for <SMARTMCFs> as either Yes (assign font ids automatically) or No (assign font ids manually).

## PDR3211S

Invalid <I MMATTACH> parameter *value*. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <I MMATTACH> tag. The invalid value is given.

**What to do:** Specify the parameter for <I MMATTACH> as either Yes (keep track of what IMM is applicable to a particular AFP page on input, and ensure that it is applied to that page on output, even if reordered) or No.

## PDR3212S

Unable to open temporary resource file: *resourceFileName*

**What happened:** Enrichment was unable to open the specified file.

**What to do:** Ensure that the directory specified by <RESOURCETEMPDIR> exists, and is writable. If the specified directory exists, and the specified file exists. Contact support.

## PDR3213S

Invalid <PSRESEXTERNAL> externalizeYN *parameter*. Value must be YES or NO.

**What happened:** You specified a value other than Yes or No for the <PSRESEXTERNAL> tag. The invalid value is given.

**What to do:** Specify the parameter for <PSRESEXTERNAL> as either Yes (externalize inline resources) or No (keep inline resources inline).

## PDR3214S

<PSRESEXTERNAL> cannot be set to YES unless <RESOURCEOUTFILE> sets a filename and splitYN is set to YES

**What happened:** You specified <PSRESEXTERNAL> YES and either <RESOURCEOUTFILE> was missing or splitYN was set to YES.

**What to do:** Specify <RESOURCEOUTFILE> with splitYN as YES.

## PDR3230S

Invalid <SUPPRESSNOP> parameter.

**What happened:** You specified an invalid parameter for the <SUPPRESSNOP> tag.

**What to do:** Specify Y or N.

## PDR3231S

Invalid <FILELIST> parameter.

**What happened:** You specified an invalid parameter for the <FILELIST> tag.

**What to do:** Specify Y or N.

## PDR3232S

Invalid <ATTACH> parameter. Value must be YES or NO.

**What happened:** You specified an invalid value for <ATTACH>.

**What to do:** Specify YES or NO.

## PDR3233S

Invalid <CHARSET> parameter *charset*. Value must be ASCII or EBCDIC.

**What happened:** You specified an invalid value for <CHARSET>.

**What to do:** Specify ASCII or EBCDIC.

## PDR3234S

Invalid <TLEVAR> charset parameter *charset*. Value must be ASCII or EBCDIC.

**What happened:** You specified a value other than ASCII or EBCDIC for the <TLEVAR> tag charset parameter. The invalid charset value is given.

**What to do:** Specify ASCII or EBCDIC.

## PDR3235S

Invalid <TLEVAR> length parameter *length*. Value must be a positive integer.

**What happened:** You specified a value that was not a positive integer. The invalid length value is given.

**What to do:** Specify a positive integer.

## PDR3236S

Invalid <TLEVAR> action parameter *action*. Value must be KEEP or REPLACE.

**What happened:** You specified a value that was KEEP or REPLACE. The invalid action value is given.

**What to do:** Specify KEEP or REPLACE.

## PDR3237S

Invalid <TLEVAR> size parameter *size*. Value must be a positive integer.

**What happened:** You specified a value that was not a positive integer. The invalid size value is given.

**What to do:** Specify a positive integer.

## PDR3238S

Invalid <PARTIALLOOKUP> parameter.

**What happened:** You specified an invalid parameter for the <PARTIALLOOKUP> tag.

**What to do:** Specify Y or N.

## PDR3300S

Invalid <DOC1GUI D> parameter. The value must be YES or NO.

**What happened:** You specified an invalid value for <DOC1GUI D>.

**What to do:** Specify YES or NO.

## PDR3301S

Invalid tag parameter.

**What happened:** You specified an invalid value.

**What to do:** See the *Enrichment Language Reference* for the valid parameters for this tag.

## PDR3302S

Missing tag or parameter.

**What happened:** A required tag, or tag parameter, is missing.

**What to do:** See the *Enrichment Language Reference* for the required parameters for this tag, and the required tags for the tag group.

## PDR3303I

Removed special character while creating resource file name for <ResourceOutFile> tag in position *number of filename*.

**What happened:** Enrichment identified special characters in the filename for <ResourceOutFile> tag.

**What to do:** This message requires no further action.

## PDR3304S

Invalid <PSRESNAMEFI ND> SlashToken parameter. The value must be YES or NO.

**What happened:** You specified an invalid value for <PSRESNAMEFI ND>.

**What to do:** Specify YES or NO.

## PDR3305S

Invalid <PSRESNAMEFI ND> ExcludePartialToken parameter. The value must be YES or NO.

**What happened:** You specified an invalid value for <PSRESNAMEFI ND>.

**What to do:** Specify YES or NO.

## PDR3306S

Invalid <PSRESNAMEFI ND> StandAl oneToken parameter. The value must be YES or NO.

**What happened:** You specified an invalid value for <PSRESNAMEFI ND>.

**What to do:** Specify YES or NO.

## PDR3307S

Invalid <PSRESNAMEFI ND> QuotedToken parameter. The value must be YES or NO.

**What happened:** You specified an invalid value for <PSRESNAMEFI ND>.

**What to do:** Specify YES or NO.

## PDR3308S

Error code *error* encountered while creating character converter: *convertername*.

**What happened:** The specified converter does not exist, or was not installed properly.

**What to do:** Ensure the specified converter exists.

## PDR3309S

Unknown conversion requested: *convertername*.

**What happened:** The specified converter does not exist, or was not installed properly.

**What to do:** Ensure the specified converter exists.

## PDR3310S

Error code *error* encountered while creating character collator: *collatorname*.

**What happened:** The specified collator does not exist.



**What to do:** Specify a different collator.

## PDR3311W

The <I ocal e> tag is not valid on z/OS, Solaris or HP-RISC.

**What happened:** You tried to use the <I ocal e> tag on an z/OS, Solaris or HP-RISC operating system, which is not valid and will be ignored.

**What to do:** Remove the <I ocal e> tag. Custom sorting locales cannot be used on these platforms.

## PDR3312S

The *tag* tag is not valid when using a PDF print stream.

**What happened:** You used an invalid tag with a PDF input file.

**What to do:** Remove the invalid tag.

## PDR3313S

Invalid <MSPAPPENDJOBNAME> parameter. The value must be Yes or No.

**What happened:** You specified an invalid value for <MSPAPPANDJOBNAME>.

**What to do:** Specify Yes or No.

## PDR4000S

*Section, Line number, Column number.* Encountered *error*. Text *text*.

**What happened:** An error was encountered in the compilation of your rules. This could be a generic syntax error; a compiler stack overflow; or text that is totally unrecognizable to the compiler.

**What to do:** Examine your rule file at the line and column given for unusual text. Attempt to break up or simplify complicated expressions or IF statement nesting. If this fails to correct the error, contact Technical Support.

## PDR4001S

*Section, Line number, Column number.* Unrecognized rule section. Text *text*.

**What happened:** An unrecognized rule section was encountered. The recognized rule sections are START, DOCUMENT, PRESORTED, PAGE, and FINISH. Any other word followed by a colon(:) will result in this error.

**What to do:** Examine your rule file at the line and column given for a misspelled rule section name followed by a colon.

## PDR4002W

*Section, Line number, Column number.* Insert <PLACE> WITHIN not supported in the rule file. Insert will be AFTER.

**What happened:** A file insert whose <PLACE> subtag specified WITHIN was appended in the rule file. Placement WITHIN cannot be done from the rule file, so the insert is placed AFTER the current document. If the file insert variable was tied to a field variable, the insert may have placed WITHIN as well.

**What to do:** Make sure that you meant to use <PLACE> WITHIN for this insert.

## PDR4003W

*Section, Line number, Column number.* Insert <PLACE> WITHIN not supported in the rule file. Insert will be placed BEFOREorAFTER as specified in the rule file.

**What happened:** A file insert whose <PLACE> subtag specified WITHIN was appended in the rule file. Placement WITHIN cannot be done from the rule file, so the insert is placed BEFOREorAFTER the current document as was specified in the rule file. If the file insert variable was tied to a field variable, the insert may have placed WITHIN as well.

**What to do:** Make sure that you meant to use <PLACE> WITHIN for this insert.

## PDR4004S

*Section, Line number, Column number:* The rule file contained a variable name (*varname*) that was too long.

**What happened:** You used a variable name in a rule that was more than 50 characters in length.

**What to do:** Make sure all variables used in the rule file are 50 characters or less in length (including %%).

## PDR4005W

*Section, Line number, Column number:* The FOR loop NEXT variable *varname* does not match the loop counter variable *varname*.

**What happened:** You specified a variable in the terminating NEXT variable clause for a FOR loop that did not match the loop counter variable.

**What to do:** Either change the NEXT variable to match the FOR loop counter variable or omit the NEXT variable, which is optional anyway.

## PDR4006S

*Section, Line number, Column number:* An ITERATE DO statement was encountered outside of a DO loop.

**What happened:** The rule compiler found an I TERATE DO statement outside of a DO loop.

**What to do:** Remove the I TERATE DO statement or check to see if it needs to be an I TERATE FOR statement.

## PDR4007S

*Section, Line number, Column number:* An ITERATE FOR statement was encountered outside of a FOR loop.

**What happened:** The rule compiler found an I TERATE FOR statement outside of a FOR loop.

**What to do:** Remove the I TERATE FOR statement or check to see if it needs to be an I TERATE DO statement.

## PDR4008S

*Section, Line number, Column number.* An ITERATE statement was encountered outside of all DO and FOR loops.

**What happened:** The rule compiler found an I TERATE statement outside of all DO or FOR loops.

**What to do:** Remove the I TERATE statement.

## PDR4009S

*Section, Line number, Column number.* Compiled rule file buffer has been corrupted. Unrecognized instruction opcode number *number*. Contact Technical Support.

**What happened:** The compiled version of a rule file has become corrupted. The unrecognized instruction operation code number *number* is given. The Line and Column numbers given may be unreliable.

**What to do:** Contact Technical Support.

## PDR4010S

*Section, Line number, Column number.* An EXIT DO statement was encountered outside of a DO loop.

**What happened:** The rule compiler found an EXI T DO statement outside of a DO loop.

**What to do:** Remove the EXI T DO statement or check to see if it needs to be an EXI T FOR statement.

## PDR4011S

*Section, Line number, Column number.* An EXIT FOR statement was encountered outside of a FOR loop.

**What happened:** The rule compiler found an EXIT FOR statement outside of a FOR loop.

**What to do:** Remove the EXIT FOR statement or check to see if it needs to be an EXIT DO statement.

## PDR4012S

*Section, Line number, Column number.* An EXIT statement was encountered outside of all DO and FOR loops.

**What happened:** The rule compiler found an EXIT statement outside all DO and FOR loops.

**What to do:** Remove the EXIT statement.

## PDR4014S

*Section, Line number, Column number.* More than one CASE ELSE was encountered in a SELECT statement.

**What happened:** The rule compiler found more than one CASE ELSE clause in a SELECT statement. The SELECT statement can have only one CASE ELSE.

**What to do:** Merge the multiple CASE ELSE clauses into one clause.

## PDR4015S

*Section, Line number, Column number.* Error found in an IF logical expression. Processing will resume after THEN.

**What happened:** An error was encountered in an IF logical expression. Rule compilation resumes after the THEN.

**What to do:** Correct the IF logical expression.

## PDR4017S

*Section, Line number, Column number.* Invalid start of FOR statement.

**What happened:** An error was encountered in the start of a FOR statement: FOR %%variable = start TO end [STEP step].

**What to do:** Inspect the first line of your FOR loop for invalid syntax.

## PDR4018S

*Section, Line number, Column number.* Invalid start of SELECT statement.

**What happened:** An error was encountered in the start of a SELECT statement: SELECT CASE value-expression.

**What to do:** Inspect the first line of your SELECT statement for invalid syntax, possibly a missing CASE keyword.

## PDR4019S

*Section, Line number, Column number.* Invalid start of CASE substatement.

**What happened:** An error was encountered in the start of a CASE within a SELECT statement.

**What to do:** Inspect the CASE substatement for syntax errors.

## PDR4020S

*Section, Line number, Column number.* Unexpected text encountered. Text: *text*.

**What happened:** Enrichment encountered text in the rule file where it expected to find a statement such as ELSE I F, THEN, ELSE, or END I F.

**What to do:** Make sure the rule file is set up correctly. Place single or double quotes ( ' or " ) around multi-line variables and ensure that objects to include occupy one line per object. Make sure comment text begins with /\* and ends with \*/ or <! and >.

## PDR4023S

A string constant specified in the RULE file exceeded the maximum allowable length of 132 characters.

**What happened:** The string constant you used in the RULE file is too long. It should be no more than 132 characters long including the quotes on both ends and any string type identifier.

**What to do:** Use a shorter string constant or concatenate two or more shorter strings.

## PDR4024S

*Phase, Line number, Column number.* An EBCDIC string was not ended.

**What happened:** You began an EBCDIC string value with E followed by a single quote (E' ), but you did not end it. Enrichment processing stopped.

**What to do:** Terminate the EBCDIC string with a single quote ( ' ).

## PDR4025S

*Phase, Line number, Column number.* An ASCII string was not ended.

**What happened:** You began an ASCII string value with A followed by a single quote (A' ), but you did not end it. Enrichment processing stopped.

**What to do:** Terminate the ASCII string with a single quote ( ' ).

## PDR4026S

*Phase, Line number, Column number.* A binary string was not ended.

**What happened:** You began a binary string value with B followed by a single quote (B' ), but you did not end it. Enrichment processing stopped.

**What to do:** Terminate the binary string with a single quote ( ' ).

## PDR4027S

*Phase, Line number, Column number.* A hexadecimal string was not ended.

**What happened:** You began a hexadecimal string value with X followed by a single quote (X' ), but you did not end it. Enrichment processing stopped.

**What to do:** Terminate the hexadecimal string with a single quote ( ' ).

## PDR4028S

*Phase, Line number, Column number.* Invalid binary data encountered in string *string*.

**What happened:** You typed invalid binary data for a rule constant value. The invalid *Phase* is given. Enrichment processing stopped.

**What to do:** Correct the indicated string.

## PDR4029S

*Phase, Line number, Column number.* Invalid hexadecimal data encountered in string *string*.

**What happened:** You typed invalid hexadecimal data for a rule constant value. The invalid *Phase* is given. Enrichment processing stopped.

**What to do:** Correct the indicated string.

## PDR4030S

*Section, Line number, Column number.* A comment was not ended.

**What happened:** You began a comment in the rule file, but you did not end it.

**What to do:** Make sure each comment has both a beginning and an end.

## PDR4031S

*Section, Line number, Column number.* A double-quote string was not ended.

**What happened:** You began a literal string comparison value with double quotes ( " ), but you did not end it.

**What to do:** Make sure each literal string comparison value that contains spaces begins *and* ends with double or single quotes ( " or ' ).



## PDR4032S

*Section, Line number, Column number.* A single-quote string was not ended.

**What happened:** You began a literal string comparison value with a single quote ( ' ), but you did not end it.

**What to do:** Make sure each literal string comparison value that contains spaces begins *and* ends with double or single quotes ( " or ' ).

## PDR4033S

*Section, Line number, Column number.* No name was specified for an <APPEND>.

**What happened:** You used an <APPEND> statement in the rule file to specify a file to include, but you did not specify the name of the input or insert.

**What to do:** Make sure each <APPEND> statement in the rule file is followed by an Input group <NAME> tag name parameter or <I NSERTPAGE> or <I NSERTREC> tag varname parameter.

## PDR4034S

*Section, Line number, Column number :* The name (*name*) specified is too long.

**What happened:** You specified a value for the name of an <OUTPUT>, <APPEND>, or <BANNER> statement that was more than 50 characters in length.

**What to do:** Use a name of no more than 50 characters in length.

## PDR4035S

*Section, Line number, Column number.* No name was specified for a <BANNER>.

**What happened:** You used a <BANNER> statement in the rule file to specify a banner file to include, but you did not specify the name of the banner file.

**What to do:** Make sure each <BANNER> statement in the rule file is followed by an Input group <NAME> tag name parameter.

## PDR4036W

*Section, Line number, Column number.* <BANNER> encountered before <OUTPUT> specified.

**What happened:** You used a <BANNER> statement in the rule file to specify a banner file to include before you selected the <OUTPUT>. The banner will be placed in the current default <OUTPUT>.

**What to do:** Normally you would want to select an <OUTPUT> file before including a <BANNER>.

## PDR4037S

Invalid day value encountered in DATE function. You must specify a valid number of days.

**What happened:** You typed invalid int data in the rule file. The invalid *value* is given. Enrichment processing stopped.

**What to do:** Correct the indicated value.

## PDR4038S

<OUTPUT> contains invalid maximum value *maximum* in Reprint rule file.

**What happened:** You specified a value that was not a number or an asterisk (\*) for the Reprint rule file <OUTPUT> statement maximum parameter. The invalid *maximum* is given.

**What to do:** Make sure the <OUTPUT> statement maximum value is a positive number or an asterisk (\*).

## PDR4039S

<OUTPUT> contains invalid frequency value *frequency* in Reprint rule file.

**What happened:** You specified a value that was not a number for the Reprint rule file <OUTPUT> statement frequency parameter. The invalid *frequency* is given.

**What to do:** Make sure the <OUTPUT> statement frequency value is a positive number or leave it blank.

## PDR4040S

*Section, Line number, Column number.* A Zero-Divide condition has occurred.

**What happened:** A divide or modulo statement in the rule file had 0 as the denominator.

**What to do:** Make sure all denominators are nonzero.

## PDR4041S

*Section, Line number, Column number.* The value specified for the language: *language* is not a valid language. You must specify C, COBOL, or ASM.

**What happened:** You specified a language parameter for a user-written function that was not C, ASM, or COBOL. The invalid *language* is given.

**What to do:** Specify a user-written function language parameter of C to define a user-written function written in C; ASM to define a function written in Assembler; or COBOL to define a function written in COBOL. No other values or languages are valid.

## PDR4042S

*Section, Line number, Column number.* The value specified for the function type: *type* is not valid. You must specify NORMAL or EXTENDED.

**What happened:** The value you specified for the user-written function type parameter was not NORMAL or EXTENDED. The invalid *type* is given.

**What to do:** Specify a USERFUNCTION command type value of NORMAL if the function allows one call per entry; or EXTENDED if the function allows an Initialization and Termination call also. No other values are valid.

## PDR4043S

*Section, Line number, Column number.* The value specified for a function input area: *maxin* is not valid. You must specify a number between 1 and 32727.

**What happened:** You specified a user-written function USERFUNCTION command *maxin* parameter that was not in the range 1 to 32727. The invalid *maxin* is given.

**What to do:** Make sure the USERFUNCTION command *maxin* parameter is in the range 1 to 32727. No other values are valid.

## PDR4044S

*Section, Line number, Column number:* The value specified for a function output area: *maxout* is not valid. You must specify a number between 1 and 32727.

**What happened:** You specified a user-written function USERFUNCTION command *maxout* parameter that was not in the range 1 to 32727. The invalid *maxout* is given.

**What to do:** Make sure the USERFUNCTION command *maxout* parameter is in the range 1 to 32727. No other values are valid.

## PDR4045S

*Section, Line number, Column number:* The value specified for location of function memory: *buffers* is not valid. Must be A or B.

**What happened:** You specified a user-written function USERFUNCTION command *buffers* value other than A or B. The invalid *Section* is given.

**What to do:** Specify a USERFUNCTION command *buffers* parameter of A if the function can be processed above the 16MB line; specify B if the function can run only below the 16MB line.

## PDR4048W

*Section, Line number, Column number, Function function* has produced a negative return of *return code*.

**What happened:** Enrichment encountered a severe error while processing a rule. *function* is the name of a Enrichment function. The function produced a negative return code of *return code*.

**What to do:** Refer to the *Enrichment Language Reference* for more information on negative error codes. Correct the function definition and resubmit the job.

## PDR4100S

*Section, Line number, Column number.* The input *name* was not defined in the control file.

**What happened:** You specified an Input group <NAME> tag name value in the rule file that was not defined in the control file. *name* indicates the name of the undefined input.

**What to do:** Make sure that each input you use in the rule file is also defined in a control file Input group.

## PDR4101S

*Section, Line number, Column number.* The insert value *varname* was not defined in the control file.

**What happened:** You specified an Insertpage group <INSERTPAGE> or Insertrec group <INSERTREC> tag varname value in the rule file that was not defined in the control file. *varname* indicates the name of the undefined file.

**What to do:** Make sure that each insert that you use in the rule file is also defined in a control file Insertpage or Insertrec group.

## PDR4102S

*Section, Line number, Column number.* The banner value *bannername* was not defined in the control file.

**What happened:** You specified a banner name <BANNER> value in the rule file that was not defined in the control file. *bannername* indicates the name of the undefined file.

**What to do:** Make sure that each banner that you use in the rule file is also defined in a control file Banner group.

## PDR4103S

*Section, Line number, Column number.* The table value *tablename* was not defined in the control file.

**What happened:** You specified a lookup table name <BANNER> value in the rule file that was not defined in the control file. *tablename* indicates the name of the undefined table.

**What to do:** Make sure that each lookup table that you use in the rule file is also defined in a control file Table group.

## PDR4104S

PDR4104S LOOKUP file or table *lookup* requires the delimiter *delimiter* and it was not present in record *record*

**What happened:** A LOOKUP function requested a table to be processed using the specified *delimiter*, and it was not found in the given record

**What to do:** Verify that the table should use the specified *delimiter*, and correct the LOOKUP call or the table.

## PDR4120W

*Section, Line number, Column number.* <DOCPAGES> start is greater than end in a Reprint Rule file. This will never execute.

**What happened:** You specified a begin page range for a <DOCPAGES> tag that was larger than the end page range. Enrichment ignores the values.

**What to do:** Make sure that all begin ranges for <DOCPAGES> tags are less than their corresponding end page ranges. The end page range can also be an asterisk (\*).

## PDR4121S

*Section, Line number, Column number.* PAGERANGE value *value* is not numeric.

**What happened:** You specified a begin or end range value for PAGERANGE that was non-numeric. The invalid *value* is given.

**What to do:** Make sure all PAGERANGE page range begin and end values are numeric. The end page range can also be an asterisk (\*).

## PDR4122S

*Section, Line number, Column number:* The <OUTPUT> statement is not supported in this rule section.

**What happened:** You attempted to assign documents to an Output group in a section where this is not allowed. Documents can be assigned to an output in all sections except for PAGE.

**What to do:** Remove the <OUTPUT> statement from this section of the rule file. If you want to assign documents to one or more outputs, use the DOCUMENT or PRESORTED sections. Remember, outputs must always contain entire documents, you cannot separate a document into more than one output.

## PDR4123S

*Section, Line number, Column number:* The <APPEND> statement is not supported in this rule section.

**What happened:** You tried to assign an input or insert for inclusion in a section where this is not allowed. Inputs and inserts can only be included in the DOCUMENT section of the rule file.

**What to do:** Remove any <APPEND> statements from all but the DOCUMENT section of the rule file. If you want to specify when an input or insert is eligible for inclusion, use the DOCUMENT section only.

## PDR4124S

*Section, Line number, Column number:* The literal value *literal* is not allowed on the left side of the assignment operator (=).

**What happened:** Your rule file contains a rule in which a literal value occurs to the left of the assignment operator. Enrichment requires a variable name to the left of the assignment operator. *literal* identifies the errant literal string.

**What to do:** Make sure all assignment statements consist of a variable followed by a assignment operator followed by a value expression.

## PDR4125S

*Section, Line number, Column number.* The <BANNER> statement is not supported in this rule section.

**What happened:** You tried to include a banner statement in a rule section where this is not allowed. Banners may be included in all rule sections except for PAGE.

**What to do:** Remove any <BANNER> statements from the PAGE section of the rule file.

## PDR4126S

*Section, Line number, Column number.* The <FI LEBREAK> statement is not supported in this rule section.

**What happened:** You tried to include a filebreak statement in a rule section where this is not allowed. Filebreaks may be included only in DOCUMENT and PRESORTED rule sections.

**What to do:** Remove any <FI LEBREAK> statements from the START, PAGE, and FI NI SH sections of the rule file.

## PDR4127S

*Section, Line number, Column number.* Invalid syntax in parameter list starting with *token*. Unexpected token.

**What happened:** You used invalid syntax in a function in the rule file. The invalid *token* is given.

**What to do:** Make sure that all functions are specified correctly in the rule file.

## PDR4128S

*Section, Line number, Column number.* Invalid token *token* in parameter list.

**What happened:** You used invalid syntax in a function in the rule file. The invalid *token* is given.

**What to do:** Make sure that all functions are specified correctly in the rule file.



## PDR4129S

*Section, Line number, Column number.* Section name *sectionname* already encountered.

**What happened:** You included the same section name twice in a rule file. The invalid *sectionname* is given.

**What to do:** Make sure that each section exists only once in the rule file.

## PDR4130S

*Section, Line number, Column number.* Internal System Error: Concatenation buffer exceeded.

**What happened:** There was an internal system error in the rule file while you were attempting to concatenate more than one value into a single variable value.

**What to do:** Modify the rule file so that concatenated values are no longer than 32,767 bytes.

## PDR4131S

*Section, Line number, Column number.* Statements encountered before the first section header are ignored.

**What happened:** Enrichment found valid rule statements before the first section header in the rules. These statements are ignored. All statements must be in a section that begins with one of the section headers START, DOCUMENT, PRESORTED, PAGE, FI NI SH.

**What to do:** Move all statements into one of the processing sections or remove them altogether.

## PDR4132S

Pagerule group encountered after a Rule file with sections.

**What happened:** Enrichment encountered a Pagerule tag group after compiling a Rule file with specified sections.

**What to do:** The Pagerule group is obsolete. Remove the Pagerule group from the control file and place the content of the pagerule into the PAGE section of the rule file.

## PDR4133S

*Section, Line number, Column number.* Insert file assignment is not supported in this rule section.

**What happened:** You tried to assign a variable that corresponds to an insert file a value in a rule section where this is not allowed. Insert files may be assigned anywhere but in the FI NI SH section.

**What to do:** Remove any file variable assignment statements from the FI NI SH section of the rule file.

## PDR4134W

*Section, Line number, Column number.* You used the <FI LEBREAK> statement and a <fi l emax> tag in an Output group. Both types of file breaking will occur.

**What happened:** You used a <FI LEMAX> command within the rule file to manually control file breaks and you have also used the Output group <FI LEMAX> tag to automatically control file breaks. The manual file breaks may cause the output to break before the automatic breaks.

**What to do:** If you set the <FI LEMAX> tag to other than M and use the <FI LEMAX> command in the rule file, and you did not want to have exceptions to the <FI LEMAX> criteria, remove the <FI LEMAX> command. If you want to control file breaking manually, set <FI LEMAX> to M. If you are intentionally doing both, no action is necessary.

## PDR6101S

The record contained in a JES:DD: style file is missing a value.

**What happened:** You did not specify all five parameters needed for Enrichment to assign JES2 output to an input.

**What to do:** The JES: DD: should point to a file with the following format:

job#, jobname, stepname, procname, ddname

## PDR6102S

The JES: *name* file is empty.

**What happened:** The JES2 input you specified in the JES file is empty. The invalid *name* is given.

**What to do:** Check your JES2 output to make sure the file is there. If it is there and specified correctly, contact Technical Support. If it is missing, you may need to rerun the job that generates the input or check to see if it has a different job number, job name, step name, procname, or ddname.

## PDR6103S

Unable to load program *name* for reading JES spool files.

**What happened:** Enrichment was unable to load the program used to read the JES2 spool files. The *name* of the program is given.

**What to do:** Verify that JES2 was installed correctly at your site. See your systems administrator for assistance.

## PDR6104S

Job number *number* is invalid.

**What happened:** You specified a job number that does not exist in the JES spool. The invalid job *number* is given.

**What to do:** Check your JES spool output to make sure you have the correct job number.

## PDR6105S

Job name *name* is invalid.

**What happened:** You specified a job name that does not exist in the JES spool. The invalid job *name* is given.

**What to do:** Check your JES spool output to make sure you have the correct job name.

## PDR6106S

Step name *step* is invalid.

**What happened:** You specified a step name that does not exist in the JES job name. The invalid job *step* is given.

**What to do:** Check your JES spool output to make sure you have the correct step name.

## PDR6107S

Proc name *proc* is invalid.

**What happened:** You specified a proc name that does not exist in the JES job name. The invalid job *proc* is given.

**What to do:** Check your JES spool output to make sure you have the correct proc name.

## PDR6108S

DD name *ddname* is invalid.

**What happened:** You specified a DD name that does not exist in the JES job name. The invalid job *ddname* is given.

**What to do:** Check your JES spool output to make sure you have the correct DD name.

## PDR6109S

Job number *number* is invalid.

**What happened:** You specified a job number that does not exist in the JES spool. The invalid job *number* is given.

**What to do:** Check your JES spool output to make sure you have the correct job number.

## PDR6110S

JES buffer size *size* is invalid.

**What happened:** The buffer size is invalid for JES2 spool data processing. The invalid *size* is given.

**What to do:** Contact Technical Support.

## PDR6201S

JES subsystem not found.

**What happened:** The JES subsystem specified during Enrichment installation could not be found.

**What to do:** Change the Enrichment JES installation to specify the correct subsystem name and reassemble the JES modules.

## PDR6202S

Master checkpoint record not found.

**What happened:** Enrichment could not find the checkpoint data set.

**What to do:** Place the correct checkpoint and spool volume DDs in your JCL.

## PDR6203S

Job not found in JES spool.

**What happened:** Enrichment could not find the requested job JQE in the spool.

**What to do:** Make sure that your JES requests specify valid job names, numbers, steps, procs, and DDs.

## PDR6204S

Job not found in JES spool.

**What happened:** Enrichment could not find the requested job JCT in the spool.

**What to do:** Make sure that your JES requests specify valid job names, numbers, steps, procs, and DDs.

## PDR6205S

Job not found in JES spool.

**What happened:** Enrichment could not find the requested job IOT in the spool.

**What to do:** Make sure that your JES requests specify valid job names, numbers, steps, procs, and DDs.

## PDR6210S

Error reading JES spool file. Return code: *code*.

**What happened:** Enrichment encountered an error reading the JES spool file. *code* indicates the return code from the JES Interface.

**What to do:** Note the indicated return code and call Customer Support.

## PDR6300S

Sort field list corrupted or not created. Trying to sort input *name*. Contact Technical Support.

**What happened:** Enrichment was unable to sort the input file identified by Input group <NAME> tag name value *name*.

**What to do:** Contact Technical Support.

## PDR6301S

Sort field *name1* not found for input *name2*. Contact Technical Support.

**What happened:** Enrichment was unable to find the sort field *name1* in the input file identified by Input group <NAME> tag name value *name2*.

**What to do:** Contact Technical Support.

## PDR6305S

There was an internal miscount of the number of <SORTMATCH> files. Contact Technical Support.

**What happened:** Enrichment miscounted the number of files you specified in the Sortmatch group.

**What to do:** Make sure the files to be sorted are specified correctly in the control file. If the problem recurs, contact Technical Support.

## PDR6310S

Unable to find an <OUTPUT> for *number* pages. <OUTPUT> *name* will be used.

**What happened:** Enrichment was unable to find an Output group <PAGERANGE> value for the *number* of pages given in the message. Enrichment placed the pages in the specified Output.

**What to do:** Make sure all possible page ranges are supported by <PAGERANGE> tags.

## PDR6311S

*Section*, Line *number*, Column *number*. Unable to find the last statement for an expression.

**What happened:** You specified a Enrichment expression that did not have a last statement.

**What to do:** Verify that all expressions in the rule file are correct.

## PDR6322S

Internal positioning of variable at TCU offset *name* exceeds record size of *number*. Contact Technical Support.

**What happened:** Enrichment did not correctly store one of your variable values internally.

**What to do:** Contact Technical Support.

## PDR6323S

Internal positioning of variable at offset *name* exceeds record size of *number*. Contact Technical Support.

**What happened:** Enrichment did not correctly store on of your variable values internally. This may have been caused by an invalid field.

**What to do:** Resolve any PDR2213W messages. If this message occurs without a PDR2213W message, contact Technical Support.

## PDR6330S

Internal error counting lines on the first page of a document. Expected *number1*, on record *number2*. Contact Technical Support.

**What happened:** Enrichment did not count the lines on the first page correctly. *number1* indicates the number of records Enrichment expected to find on the page, and *number2* indicates the number of records Enrichment actually found on the page.

**What to do:** Contact Technical Support.

## PDR6335S

Internal error with doublesort address field number. Index: *index*. Field number: *number*. Contact Technical Support.

**What happened:** Enrichment did not process an address field buffer correctly when performing a doublesort.

**What to do:** Contact Technical Support.



## PDR6340S

Unknown or invalid <ADDPART> type *type*. Contact Technical Support.

**What happened:** A system variable used in an <ADDPART> did not process correctly. The errant *type* is given.

**What to do:** Contact Technical Support.

## PDR6341S

Unknown or invalid <SI DEPART> type *type*. Contact Technical Support.

**What happened:** A system variable used in a <SI DEPART> did not process correctly. The errant *type* is given.

**What to do:** Contact Technical Support.

## PDR6401S

Unexpected End-of-File at *location*. A comment was not ended.

**What happened:** You did not end a comment within the control file. *location* indicates the location of the comment begin delimiter <! .

**What to do:** Make sure all comments within the control file begin with <! and end with >.

## PDR6402S

Unexpected End-of-File at *location*.

**What happened:** A file ended before Enrichment expected it to end. *location* indicates the location of the unexpected end.

**What to do:** Contact Technical Support.

## PDR6403S

Variable *varname* had no line variable data.

**What happened:** The Variables group <VARTYPE> tag is set to FLAT, but you did not specify record, column, and length values in the <VAR> tag for each variable value in the variable flat file. *varname* indicates the varname value of the errant <VAR> tag.

**What to do:** If the variable file is actually a variable definition file, change the <VARTYPE> value to DEFINITION; if it is a variable flat file, define the record number, start position, and length for each <VAR> tag.

## PDR6405S

Insert type of *type* is not supported.

**What happened:** You specified an Insertpage or Insertrec group <TYPE> tag *type* value other than AFPDS, IMPACT, DJDE, AFPLINE, AFPMIXED, or METACODE. The invalid *type* value is given.

**What to do:** Specify an insert type of AFPDS if the insert is a full AFPDS print stream; specify IMPACT if the insert is a line-printer print stream; specify DJDE if the insert is a Xerox DJDE line-data print stream; specify AFPLINE if the insert contains no AFP records and uses both a PAGEDEF and a FORMDEF to print; specify AFPMIXED if the insert contains some AFP records and uses both a PAGEDEF and a FORMDEF to print; or specify METACODE if the insert is a Xerox Metacode print stream.

## PDR6406S

Invalid data when setting VDF variable *varname*.

**What happened:** Enrichment encountered invalid data when it attempted to set an Insertpage or Insertrec variable in a variable definition file. *varname* indicates the name of the variable that could not be set.

**What to do:** Make sure an equal sign (=) separates the variable name from its value in the variable definition file. If the problem recurs, contact Technical Support.

## PDR6408S

Language processing component missing *name* list.

**What happened:** Enrichment could not read an input or output listed in the control file.

**What to do:** Record the information given by *name* and contact Technical Support.

## PDR6409S

Language processing component missing *name* structure.

**What happened:** Enrichment could not read an input or output listed in the control file.

**What to do:** Record the information given by *name* and contact Technical Support.

## PDR6410S

Unknown object type *name*.

**What happened:** Enrichment did not recognize a structure in the control file.

**What to do:** Record the information given by *name* and contact Technical Support.

## PDR7000W

*Section*, *Line number*, *Column number*. User function *name* (using load module *module*) returned non-zero return code *code*.

**What happened:** A user function returned a non-zero return code. *name* identifies the name of the user-written function, *module* indicates the load module used, and *code* indicates the return code.

**What to do:** Check the document that generated the non-zero return code to make sure the result is valid for the user-written function.

## PDR7001W

*Section*, *Line number*, *Column number*: User function *name* (using load module *module*) did not set the OutRC and OutRV values. This may indicate that the user function never received control.

**What happened:** A user-written function did not set the output RC and RV values. This may indicate that Enrichment never called the user-written function. *name* identifies the name of the user-written function and *module* indicates the name of the load module it calls.

**What to do:** Make sure the user-written function is designed to be called from Enrichment correctly.

## PDR7002W

User function *name* (using load module *module*) did not set the OutRC value during the initialization call. This may indicate that the user function never received control.

**What happened:** A user-written function did not set the output RC value during the initialization call. This may indicate that Enrichment never called the user-written function. *name* identifies the name of the user-written function and *module* indicates the name of the load module it calls.

**What to do:** Make sure the user-written function is designed to be called from Enrichment correctly.

## PDR7003W

User function *name* (using load module *module*) did not set the OutRC value during the termination call. This may indicate that the user function never received control.

**What happened:** A user-written function did not set the output RC value during the termination call. This may indicate that Enrichment never called the user-written function. *name* identifies the name of the user-written function and *module* indicates the name of the load module it calls.

**What to do:** Make sure the user-written function is designed to be called from Enrichment correctly.

## PDR7004W

User function *name* (using load module *module* ) set the OutRC value to a warning level of *code* during the initialization call.

**What happened:** A user-written function output RC value was set to a warning level during the initialization call. *name* identifies the name of the user-written function, *module* indicates the name of the load module it calls, and *code* indicates the return code.

**What to do:** Make sure the user-written function is working correctly.

## PDR7005W

User function *name* (using load module *module* ) set the OutRC value to a warning level of *code* during the termination call.

**What happened:** A user-written function output RC value was set to a warning level during the termination call. *name* identifies the name of the user-written function, *module* indicates the name of the load module it calls, and *code* indicates the return code.

**What to do:** Make sure the user-written function is working correctly.

## PDR7006W

User function *name* (using load module *module* ) set the OutRC value to an error level of *code* during the initialization call.

**What happened:** A user-written function output RC value was set to an error level during the initialization call. *name* identifies the name of the user-written function, *module* indicates the name of the load module it calls, and *code* indicates the return code.

**What to do:** Make sure the user-written function is working correctly.

## PDR7007W

User function *name* (using load module *module* ) set the OutRC value to an error level of *code* during the termination call.

**What happened:** A user-written function output RC value was set to an error level during the termination call. *name* identifies the name of the user-written function, *module* indicates the name of the load module it calls, and *code* indicates the return code.

**What to do:** Make sure the user-written function is working correctly.

## PDR7008S

*Section, Line number, Column number.* User function *name* (using load module *module*) may not be defined because this is the name of a pre-existing Enrichment function.

**What happened:** You assigned a name to a user-written function that is already used by Enrichment for an existing function. The *name* and load *module* of the errant user-written function are given.

**What to do:** Choose another name for the user-written function.

## PDR7009S

*Section, Line number, Column number.* User function *name* (using load module *module*) was defined more than once. This is not allowed.

**What happened:** You defined more than one user-written function that used the same name and called different load modules. *name* indicates the reused name and *module* indicates the load module called.

**What to do:** Choose another name for one of the user-written functions.

## PDR7010S

*Section, Line number, Column number.* Load module *module* for user function *name* could not be fetched for execution.

**What happened:** Enrichment was unable to fetch the named load module for a user-written function. *module* identifies the load module and *name* indicates the user-written function name. The user-written function was not executed.

**What to do:** Make sure the load module named is in a STEPLIB (or JOBLIB) library specified in the JCL for this job.

## PDR7012W

User function *name* (using load module *module* ) returned non-zero return code *code* during the initialization call.

**What happened:** A user function returned a non-zero return code. *name* identifies the name of the user-written function, *module* indicates the load module used, and *code* indicates the return code.

**What to do:** Check that the user-written function is defined correctly.

## PDR7013W

User function *name* (using load module *module* ) returned non-zero return code *code* during the termination call.

**What happened:** A user function returned a non-zero return code. *name* identifies the name of the user-written function, *module* indicates the load module used, and *code* indicates the return code.

**What to do:** Check that the user-written function is defined correctly.

## PDR7690W

Only D, I, or W level messages may have their severity reset. Message *message number* is a *message severity level*-level message and may not be reset.

**What happened:** You tried to reset the severity of a message that cannot be reset. Only messages with a severity level of D, I , or W can be reset.

**What to do:** Do not reset the severity for Processing or Severe messages.

## PDR7691S

Invalid message number *message number* on <SETMSGLEVEL> tag.

**What happened:** You tried to reset the severity of a message whose number is greater than or equal to 7700. These messages cannot be reset.

**What to do:** Remove any <SETMSGLEVEL> tags that attempt to reset message severities for message numbers 7700 or higher.

## PDR7692S

Invalid message level *message level* on <SETMSGLEVEL> tag. You must specify either WARNING, INFORMATION,DETAIL, or SEVERE.

**What happened:** You tried to reset the severity of a message from Processing or Severe to a different message level. These message levels cannot be reset.

**What to do:** Remove any <SETMSGLEVEL> tags that attempt to reset a processing or severe error message.

## PDR7693S

Missing message level on <SETMSGLEVEL> tag. You must specify either WARNING, INFORMATION,DETAIL, or SEVERE.

**What happened:** You left the newmsgl evel parameter blank. Enrichment did not know what level to set the message to.

**What to do:** Make sure each <SETMSGLEVEL> tag contains both a msgnumber and a newmsgl evel parameter.

## PDR7700S

Internal System Error -- Unable to access system CPU ID. Contact Technical Support.

**What happened:** Enrichment was unable to verify your system's CPU ID against the Enrichment Key.

**What to do:** Contact Technical Support.

## PDR7701S

Unable to load PDRKEY00 module to retrieve key. Enrichment may not have been installed properly. Contact your installer or Customer Support.



**What happened:** Enrichment could not load PDRKEY00 during start-up. PDRKEY00 may not have been properly created during Enrichment installation, or PDRKEY00 is not where Enrichment expected it to be.

**What to do:** Contact the person who installed Enrichment or Customer Support.

## PDR7702S

For a **z/OS** installation.

Key *key1 key2* stored in load module PDRKEY00 is invalid. Enrichment may not have been installed properly. Contact your installer or Customer Support for a valid key.

**What happened:** Enrichment did not recognize the key specified in PDRKEY00. *key1* indicates the invalid key.

**What to do:** PDRKEY00 may not have been properly created, or the key may have been incorrectly specified during Enrichment installation. Contact the person who installed Enrichment or Customer Support.

## PDR7702S

For a **Windows** or **Unix** installation.

Key *key1 key2* stored in environment variable PBSSTTY is invalid. Enrichment may not have been installed properly. Contact your installer or Customer Support for a valid key.

**What happened:** Enrichment did not recognize the key specified in PBSSTTY. *key1* indicates the invalid key.

**What to do:** PBSSTTY may not have been properly created, or the key may have been incorrectly specified during Enrichment installation. Contact the person who installed Enrichment or Customer Support.

## PDR7703S

For a **z/OS** installation.

Invalid characters in key *key1 key2* stored in load module PDRKEY00. Enrichment may not have been installed properly. Contact your installer or Customer Support for a valid key.

**What happened:** The Enrichment key in PDRKEY00 contains one or more non-alphanumeric characters. *key1* indicates the invalid key.

**What to do:** Contact the person who installed Enrichment or Customer Support.

## PDR7703S

For a **Windows** or **Unix** installation.

Invalid characters in key *key1 key2* stored in environment variable PBSSTTY. Enrichment may not have been installed properly. Contact your installer or Customer Support for a valid key.

**What happened:** The Enrichment key in PBSSTTY contains one or more non-alphanumeric characters. *key1* indicates the invalid key.

**What to do:** Contact the person who installed Enrichment or Customer Support.

## PDR7704S

For a **z/OS** installation.

The CPU ID of this system *CPU ID* does not match the CPU ID in key *key1 key2* stored in load module PDRKEY00. Enrichment may not have been installed properly. Contact your installer or Customer Support for a valid key.

**What happened:** The CPU ID in the Enrichment key does not match the CPU ID for the system on which Enrichment is installed. *CPU ID* indicates the CPU ID for the system and *key1 key2* indicates the errant key.

**What to do:** Find out the correct CPU ID or CPU IDs for your system then contact Technical Support to obtain a valid key for your CPU ID(s). On all platforms you can find the CPU ID on the Enrichment Report.

## PDR7704S

For a **Windows** or **Unix** installation.

The CPU ID of this system *CPU ID* does not match the CPU ID in key *key1 key2* stored in environment variable PBSSTTY. Enrichment may not have been installed properly. Contact your installer or Customer Support for a valid key.

**What happened:** The CPU ID in the Enrichment key does not match the CPU ID for the system on which Enrichment is installed. *CPU ID* indicates the CPU ID for the system and *key1* indicates the errant key.

**What to do:** Find out the correct CPU ID or CPU IDs for your system then contact Technical Support to obtain a valid key for your CPU ID(s). On all platforms you can find the CPU ID on the Enrichment Report. On Windows, you can find the correct CPU ID by running the **hostid.exe** distributed with Enrichment. On Unix, you can find the correct CPU ID by running the **hostid** executable distributed with Enrichment.

## PDR7705S

Your Enrichment Pilot Version expired on *date*. Contact Technical Support.

**What happened:** Your site's pilot agreement for Enrichment has expired. *date* indicates the expiration date of your pilot agreement.

**What to do:** Contact Technical Support.

## PDR7706S

Your Enrichment License expired on *date*. Contact Technical Support.

**What happened:** Your site's license for Enrichment has expired. *date* indicates the expiration date of your Enrichment license agreement.

**What to do:** Contact Technical Support.

## PDR7707S

Please be sure that PBSSTTY has been set properly.

**What happened:** The environment variable PBSSTTY was not set.

**What to do:** Set the environment variable PBSSTTY.

## PDR7711S

This key is not valid for pilot bypass.

**What happened:** An attempted has been made to use a valid key (one without an expiration date) with a pilot license bypass method.

**What to do:** Contact Technical Support for a hardware key.

## PDR7712S

Key *key* has an invalid length. Enrichment may not have been installed properly. Contact your installer or Customer Support for a valid key.

**What happened:** A single CPU key (UNIX or Windows) must be 20 or 30 characters in length, and a multiple CPU key (UNIX or Windows) must be 40 or 50 characters in length. This key does not meet either requirement.

**What to do:** Contact the person who installed Enrichment or Customer Support.

## PDR7800P

```
*****
***** PILOT VERSION ONLY -- Valid until date *****
*****
```

**What happened:** Enrichment has issued a routine processing message. Your pilot agreement for Enrichment expires on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7801P

```
*****
***** WARNING -- License Expires Within 30 Days *****
*****
```

**What happened:** Enrichment has issued a routine processing message. Your license agreement for Enrichment will expire in 30 days or less.

**What to do:** This message does not require any action.

## PDR7802P

\*\*\*\*\* WARNING \*\*\*\*\* License Expires Within 60 Days \*\*\*\*\*

**What happened:** Enrichment has issued a routine processing message. Your license agreement for Enrichment will expire in 60 days or less.

**What to do:** This message does not require any action.

## PDR7805P

Customer ID: *ID* Licensed to: *licensee* Modules Included: *modules*

**What happened:** Enrichment has issued a routine processing message. *ID* indicates the customer ID, *licensee* indicates the holder of the Enrichment license, and *modules* indicates which Enrichment modules are licensed to the holder.

**What to do:** This message does not require any action.

## PDR7806P

CPU ID: *CPUID*

**What happened:** Enrichment has issued a routine processing message. *CPUID* indicates the CPU ID on which Enrichment is being executed.

**What to do:** This message requires no action.

## PDR7811P

Expiration Date: *date*

**What happened:** Enrichment has issued a routine processing message. Your license or pilot agreement for Enrichment will expire on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7812P

**What happened:** Enrichment has issued a routine processing message.

**What to do:** This message requires no action.

## PDR7813P

\*\*\* Site License - For Use at One Site Only \*\*\* Expiration Date: *date*

**What happened:** Enrichment has issued a routine processing message. Your site license agreement for Enrichment will expire on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7814P

\*\*\* Site License - For Use at One Site Only \*\*\*

**What happened:** Enrichment has issued a routine processing message. Your organization holds a site license agreement for Enrichment.

**What to do:** This message does not require any action.

## PDR7815P

\*\*\* Corporate License \*\*\* Expiration Date: *date*

**What happened:** Enrichment has issued a routine processing message. Your organization's corporate license agreement for Enrichment will expire on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7816P

\*\*\* Corporate License \*\*\*

**What happened:** Enrichment has issued a routine processing message. Your organization holds a corporate license agreement for Enrichment.

**What to do:** This message does not require any action.

## PDR7817P

\*\*\* PCE License \*\*\*

**What happened:** Enrichment has issued a routine processing message. Your organization holds a PCE (EngageOne generated print streams) license agreement for Enrichment.

**What to do:** This message does not require any action.

## PDR7900P

\*\*\*\*\*  
\*\*\*\*\* PILOT VERSION ONLY -- Valid until date  
\*\*\*\*\*

**What happened:** Enrichment has issued a routine processing message. Your pilot agreement for Enrichment expires on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7901P

\*\*\*\*\*  
\*\*\*\*\* WARNING -- License Expires Within 30 Days \*\*\*\*\*  
\*\*\*\*\*

**What happened:** Enrichment has issued a routine processing message. Your license agreement for Enrichment will expire in 30 days or less.

**What to do:** This message does not require any action.

## PDR7902P

\*\*\*\*\* WARNING \*\*\*\*\* License Expires Within 60 Days \*\*\*\*\*

**What happened:** Enrichment has issued a routine processing message. Your license agreement for Enrichment will expire in 60 days or less.

**What to do:** This message does not require any action.

## PDR7905P

Customer ID: *ID* Licensed to: *licensee* Modules Included: *modules*

**What happened:** Enrichment has issued a routine processing message. *ID* indicates customer ID, *licensee* indicates the holder of the Enrichment license, and *modules* indicates which Enrichment modules are licensed to the holder.

**What to do:** This message does not require any action.

## PDR7911P

Expiration Date: *date*

**What happened:** Enrichment has issued a routine processing message. Your license or pilot agreement for Enrichment will expire on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7912P

**What happened:** Enrichment has issued a routine processing message.

**What to do:** This message does not require any action.

## PDR7913P

\*\*\* Corporate License \*\*\* Expiration Date: *date*



**What happened:** Enrichment has issued a routine processing message. Your organization's corporate license agreement for Enrichment will expire on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7914P

\*\*\* Corporate License \*\*\*

**What happened:** Enrichment has issued a routine processing message. Your organization holds a corporate license agreement for Enrichment.

**What to do:** This message does not require any action.

## PDR7915P

\*\*\* Site License - For Use at One Site Only \*\*\* Expiration Date: *date*

**What happened:** Enrichment has issued a routine processing message. Your site license agreement for Enrichment will expire on the date indicated by *date*.

**What to do:** This message does not require any action.

## PDR7916P

\*\*\* Site License - For Use at One Site Only \*\*\*

**What happened:** Enrichment has issued a routine processing message. Your organization holds a site license agreement for Enrichment.

**What to do:** This message does not require any action.

## PDR7917S

This installation of Enrichment is limited to *number* pages per execution. The current document would cause that to be exceeded.





**What to do:** This message does not require any action.

## PDR8102P

*number* Information messages

**What happened:** Enrichment issued a routine processing message. The total number of information messages issued during Enrichment processing is given.

**What to do:** This message does not require any action.

## PDR8103P

*number* Warnings

**What happened:** Enrichment issued a routine processing message. The total number of warning messages issued during Enrichment processing is given.

**What to do:** This message does not require any action.

## PDR8104P

*number* Severe errors

**What happened:** Enrichment issued a routine processing message. The total number of severe messages issued during Enrichment processing is given.

**What to do:** This message does not require any action.

## PDR8105W

Control and rule verification complete. Enrichment processing stopped because the V (verify only) run-time switch was used.

**What happened:** Enrichment validated the control and rule files but will not begin processing because you used the V run-time switch.

**What to do:** This message does not require any action.

## PDR8110P

Enrichment processing halted. Error threshold exceeded. Return code *rc*.

**What happened:** The error threshold for your site was exceeded.

**What to do:** Correct severe and warning messages. If the problem recurs, contact Technical Support.

## PDR8111P

Enrichment successful. Return code *rc*.

**What happened:** Enrichment processed the application successfully.

**What to do:** This message does not require any action.

## PDR8500S

*Section, Line number, Column number*. Unsupported function *Name of Function* on UNIX.

**What happened:** Function *Name of Function* isn't supported in the UNIX environment.

**What to do:** Probably due to a LOOKUPV or WRI TEV call in the control file.

## PDR8501S

SQL() is only valid in the FINISH: and START: sections.

**What happened:** The SQL function is only valid in the FINISH: and START: sections.

**What to do:** Move the SQL() statement to the FINISH: or START: section.

## PDR8502S

OVERWRITE() is not valid in the START: or FINISH: sections.

**What happened:** The OVERWRITE function is not valid in the FINISH: or START: sections.

**What to do:** Move the SQL() statement to the DOCUMENT: , PAGE: or PRESORTED: section.

## PDR9990I

*Section, Line number, Column number, User message # number. text*

**What happened:** A user message was sent from within a rule file by the MESSAGE function.

**What to do:** This message is controlled by the analysts who developed your Enrichment application. Contact them if you need more information.

## PDR9991W

*Section, Line number, Column number, User message # number. text*

**What happened:** A user message was sent from within a rule file by the MESSAGE function.

**What to do:** This message is controlled by the analysts who developed your Enrichment application. Contact them if you need more information.

## PDR9992S

*Section, Line number, Column number, User message # number. text*

**What happened:** A user message was sent from within a rule file by the MESSAGE function.

**What to do:** This is a message controlled by the analysts who developed your Enrichment application. Contact them if you need more information.

## PDR9998W

\*\*\*\*\* Message without assigned number on line *line* \*\*\*\*\* THIS MAY BE A SEVERE ERROR  
-- Variables: Var1: *var1* Var2: *var2* Var3: *var3* Var4: *var4*. Contact Technical Support.

**What happened:** An error occurred in Enrichment.

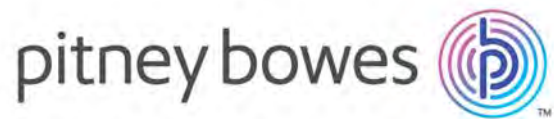
**What to do:** Write down the line number and the information given after Var1, Var2, Var3, and Var4, if any and contact Technical Support.

## PDR9999S

Unknown C Error Number. Internal system error. Var1: *var1* Var2: *var2* Var3: *var3*. Contact Technical Support.

**What happened:** An error occurred in Enrichment.

**What to do:** Write down the information given after Var1, Var2, Var3, and Var4, if any and Contact Technical Support.



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