

# Standards Change Request

Increase length of SOURCE\_PRODUCT\_ID keyword

SCR3-1083

## Provenance:

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## Problem:

Labels in the MRO CRISM data set will have SOURCE\_PRODUCT\_ID values that are longer than the current limit of 40 characters. In particular, the source products identified are SPICE kernel file names. NAIF (Boris) says this is not unusual -- there have been SPICE file names as long as 53 characters. (NAIF converts them to 27.3 for archiving -- but these converted names will not be available at the time the CRISM labels are created.)

## Current Urgency:

Priority is high. This change is needed for the next set of MRO End-to-End tests in October.

## Proposed Solution:

Increase the maximum length of the SOURCE\_PRODUCT\_ID keyword to 100 characters.

## Impact Assessment:

The impact should be low. The Data Dictionary will need to be modified to change the maximum length in the definition of SOURCE\_PRODUCT\_ID.

## Additional Information:

N/A

## Requested Changes:

An updated element definition for SOURCE\_PRODUCT\_ID has been submitted.

PDS\_VERSION\_ID = PDS3  
 LABEL\_REVISION\_NOTE = "8/1/06 GEO:shs Revised max  
 length = 100"

OBJECT = ELEMENT\_DEFINITION  
 ELEMENT\_NAME = "source\_product\_id"  
 BL\_NAME = "sourceprodid"  
 DESCRIPTION = "

The source\_product\_id data element identifies a product used as input to create a new product. The source\_product\_id may be based on a file name. See also: product\_id.

Note: For Mars Pathfinder, this refers to the filenames of the SPICE kernels used to produce the product and its ancillary data."

GENERAL\_DATA\_TYPE = "CHARACTER"  
 MAXIMUM = "N/A"  
 MINIMUM = "N/A"  
 MAXIMUM\_LENGTH = "100"  
 MINIMUM\_LENGTH = "N/A"  
 STANDARD\_VALUE\_TYPE = "NONE"  
 STANDARD\_VALUE\_SET\_DESC = ""  
 KEYWORD\_DEFAULT\_VALUE = ""  
 UNIT\_ID = "none"  
 SOURCE\_NAME = "PDS CN/M. Cribbs"  
 FORMATION\_RULE\_DESC = ""  
 OBJECT = ELEMENT\_ALIAS  
 ALIAS\_NAME = "spice\_file\_name"  
 OBJECT\_NAME = "file"  
 USAGE\_NOTE = ""  
 END\_OBJECT = ELEMENT\_ALIAS

OBJECT = ELEMENT\_ALIAS  
 ALIAS\_NAME = "source\_image\_id"  
 OBJECT\_NAME = "image"  
 USAGE\_NOTE = ""  
 END\_OBJECT = ELEMENT\_ALIAS

SYSTEM\_CLASSIFICATION\_ID = "COMMON"  
 GENERAL\_CLASSIFICATION\_TYPE = "DATASET"  
 CHANGE\_DATE = "1992-07-10"  
 STATUS\_TYPE = "APPROVED"

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STANDARD_VALUE_OUTPUT_FLAG      = "N"
TEXT_FLAG                       = "N"
TERSE_NAME                      = ""
SQL_FORMAT                     = "CHAR(100)"
BL_SQL_FORMAT                   = "char(100)"
DISPLAY_FORMAT                  = "JUSTLEFT"
AVAILABLE_VALUE_TYPE           = ""
END_OBJECT                      = ELEMENT_DEFINITION
END
```