

# Standards Change Request

Extend ORIGINAL\_PRODUCT\_ID to 76 characters

SCR3-1113.v1

## Provenance:

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## Problem:

Currently ORIGINAL\_PRODUCT\_ID has a limit of 40 characters. MRO gravity data products will have values for this field that are slightly longer. Here's an example:  
ORIGINAL\_PRODUCT\_ID = "CK\_Pred\_07029\_07042\_hga\_20070131050511.bc"

## Current Urgency:

This issue should be resolved by the first MRO delivery on June 8, 2007.

## Proposed Solution:

Change the Data Dictionary definition of ORIGINAL\_PRODUCT\_ID to have a maximum length of 76.

## Impact Assessment:

There should be no impact on existing labels that use this keyword.

The Data Dictionary will have to be revised.

No changes are needed to the Standards Reference.

There should be little to no impact on software, as far as I can tell.

## Additional Information:

Like SOURCE\_PRODUCT\_ID, which was recently extended from 40 to 76 characters, ORIGINAL\_PRODUCT\_ID is used by data providers to record product history, not as a primary key for identifying another PDS product. They have no control over the value assigned to this keyword. Changing its length does not imply that other PRODUCT\_ID

keywords must also be changed. The new maximum length of 76 is chosen because it is the longest value that can fit on one label line along with two quotation marks and a carriage return and line feed.

### **Requested Changes:**

Below is a revised definition for ORIGINAL\_PRODUCT\_ID. Only the value for MAXIMUM\_LENGTH has been changed.

```
OBJECT = ELEMENT_DEFINITION  
NAME = ORIGINAL_PRODUCT_ID  
STATUS_TYPE = APPROVED  
GENERAL_DATA_TYPE = CHARACTER  
UNIT_ID = NONE  
STANDARD_VALUE_TYPE = DEFINITION  
MAXIMUM_LENGTH = 76  
DESCRIPTION = "
```

```
    The original_product_id element provides the temporary  
    product identifier that was assigned to a product during  
    active flight operations which was eventually replaced by a  
    permanent id (see product_id)."
```

```
END_OBJECT = ELEMENT_DEFINITION  
END
```