

# Release Notes

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## PD4 Information Model Version 1.3.0.0

### Build 5a Release

September 10, 2014

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.3.0.0. These changes include those approved by the CCB since Version 1.2.0.0 and bug fixes since Version 1.2.0.1. The released documents include an XML Schema file, Schematron file, data dictionary, and an information model specification document.

#### CCB approved changes made since the release of Version 1.2.0.1

1. CCB-32 - Add "ISIS2 History Label" to Header.parsing\_standard\_id
2. CCB-40 - Improve Consistency in Units Expressions
3. CCB-56 - Align DSV References in IM and SR
4. CCB-60 - Add "Calibration" to the Target\_Identification <type> enumerated list.
5. CCB-62 - Add standard values for units of current
6. CCB-67 - Unintended constraints on ASCII\_Integer values
7. CCB-69 - (see CCB-40) - Reconcile formation of units between documentation and PDS4 namespace schemas.
8. CCB-70 - Bug fixes for version 1.3.0.0 – See list below
9. CCB-71 - Inappropriate permissible value lists for <Special\_Constants> attributes
10. CCB-73 - Add "Microsoft Excel" as a document\_standard\_id enumerated value in Document\_File
11. CCB-74 - Need a new standard value for <reference\_type> in <Reference\_List> in Product\_Observational.
12. CCB-76 - Deprecated values for <inventory> <field\_delimiter> are not reported.

#### Bug Fixes

1. Simplified schematron rules for enumerated values.
2. Removed duplicated context information in assertions for deprecation rules

3. Included deprecated enumerated values in schematron rules for enumerated list
4. Simplified context of schematron rule for logical\_identifier validation
5. Changed cardinality of Target\_Identification.type from 1..1 to 1..m
6. Included the specified “units of measure” as the schema attribute type for <unit>, for all PDS4 attributes defined with units of measure
7. (OPS) Ingest\_LDD - Add terminological\_entry to DD\_Permissible\_Value
  - a. - Add role to terminological\_entry - possible roles (Facet, Slot, Harvested, Name, Alternate, Error)
  - b. - Defined DD\_Class\_Reference and DD\_Attribute\_Reference and added the classes to DD\_Rule and DD\_Association
8. (OPS) - Add SIP Deep Archive (NSSDCA) product