

# Release Notes

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## PD4 Information Model Version 1.0.0.0

### Build 3b

May 7, 2013

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.0.0.0. The purpose of this release is to support the LADEE mission. The release includes an XML Schema file, Schematron file, data dictionary, and an information model document. This release reflects the changes made to address selected problems found since release 0310b and that were reported either via RFA or email.

#### Changes made since the release of Version 0.3.1.0.b

1. Replaced Microsoft Dash ("-") with ASCII Dash in Data Regime value meanings. - Cleanup
2. Changed the attribute external\_standard\_id to parsing\_standard\_id in the generated XML Schema label. - Bug
3. Added the permissible values Physical Parameters, Lightcurves, Reference and their value meanings to Primary\_Result\_Summary.type - SBN RFA
4. Added Meteorology to primary\_result\_summary.type - Atmos Request
5. Changed the permissible value "7-bit ASCII" to "7-bit ASCII Text" for the attributes document\_standard\_id and parsing\_standard\_id - DDWG Directive 4/26/13
6. Changed the permissible value "UTF-8" to "UTF-8 Text" for the attributes document\_standard\_id and parsing\_standard\_id - DDWG Directive 4/26/13
7. Decomposed the rule for pds:Investigation\_Area/pds:Internal\_Reference.reference\_type into separate rules with more specific contexts - SBN RFA
8. Changed the rule for validating the length of the description attribute in Citation\_Information from > 50 to > 1. DDWG Request.
9. Added the attribute description to Telescope with cardinality 0..1 – Bug and SBN RFA
10. Changed preamble text at beginning of the PDS4 XML Schema, Schematron, and XML Schema Label files - Cleanup
11. Changed Information Model Version number and changed code to use first digit as major change indicator - Cleanup.
12. Changed data type of the attribute unit from ASCII\_Short\_String\_Collapsed to UTF8\_Short\_String\_Collapsed. - SBN RFA

13. Forced the order of the attribute description to last place in a class, where possible. - Cleanup
14. Added the permissible value data\_to\_ancillary\_data to  
pds:Product\_Observational/pds:Reference\_List/pds:Internal\_Reference - SBN RFA
15. Made the attribute unit optional in array\_axis - Cleanup - Suggestion from spectrum tiger team,  
unrelated to spectrum issues.
16. Removed the attribute encoding\_type; exception: Spice\_Kernel as per BS - DDWG Decision 4/25
17. Changed the value meaning for "Meteorology" - Atmos Update
18. Removed Encoding\_Type from PDS4 XML Schema label. - Cleanup