Release Notes

PD4 Information Model Version 1.1.0.1

Build 4a – Point Release

November 21, 2013

These notes detail the changes made to the PDS4 Information Model and contained in Release 1.1.0.1. The purpose of this release is to address bug fixes for Version 1.1.0.0. The released documents include an XML Schema file, Schematron file, data dictionary, and an information model specification document.

Bug Fixes made since the release of Version 1.1.0.0

1. CCB-42 - CCB-31 incorrectly implemented
   a. CCB-31 - Two new Unit_of_Measure classes: Spectral_Radiance and Spectral_Irradiance
   b. Added "Units_of_Wavenumber", "Units_of_Spectral_Radiance", and "Units_of_Spectral_Irradiance" as permissible values for the attributes <DD_Value_Domain.unit_of_measure_type> and <DD_Value_Domain_Full.unit_of_measure_type>
2. Fix Deprecation Schematron Rules – Change role=error to role=warning
3. CCB-22 - Adopt Rules for Case of Enumerated Values
   a. A subset of the changes proposed in this CR were made. The change request includes several groups of changes. The changes to the data dictionary attributes, namely attribute_concept and conceptual_domain represent the majority of the proposed changes. These changes only affect the data dictionary administrators and do not impact the schema or the labels.
4. Fix misspelling in value_meaning for character_constraint in ASCII_Date_Time
5. Augment description of <Science_Facets>, <Discipline_Facets>, <Group_Facet1>, and <Group_Facet2> to explain why only <Science_Facets> exists in the schema.
6. change schematron rule context from pds:Product_Observational/pds:Context_Area/pds:Investigation_Area/pds:Internal_Reference to pds:Product_Observational/pds:Observation_Area/pds:Investigation_Area/pds:Internal_Reference

7. add value "document_to_target" to rule for Target_Identification/pds:Internal_Reference/pds:reference_type

The following changes were prototyped and released in V1.1.0.0 before approval by the CCB. These changes have been removed.

1. CCB-29 - Deprecate Display_2D_Image class in main model (SCR NOT DONE YET)
    a. Display_2D_Image was deprecated in V1.1 – It will remain deprecated. No Change.
2. CCB-30 - Create a new Local_Internal_Reference class
    a. Local_Internal_Reference was added in V1.1 – It will be left in. No Change.
3. CCB-33 - Deprecate Band_Bin_Set class.
    a. Band_Bin_Set was deprecated in V1.1 – It will remain deprecated No Change.