

# PDS4 Change Control Board Status report

PDS MC Telecon

2017-0420

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# Activity since last report (2017-0313)

- Implemented
  - [CCB-171](#) Split hardware-compatible ASCII numeric types from the unbounded
- Resolved
  - [CCB-175](#) Bug fixes for Version 1.8.0.0  
This SCR referenced changes not under CCB purview. No CCB action required.
- Opened
  - [CCB-184](#) The xs:choice element does not validate as expected when minOccurs and maxOccurs are both '1'.
  - [CCB-183](#) IM contradicts SR on how many stewards to a namespace
  - [CCB-182](#) Clarify whether CDATA is allowed
  - [CCB-181](#) Clarify whether newlines are allowed in PDS DSV 1
  - [CCB-180](#) Clarify whether namespace abbreviation in labels must correspond to namespace\_id
  - [CCB-179](#) In PDS4 'pds' namespace, use ASCII\_NonNegative\_Integer where value must be >0
  - [CCB-178](#) Internal Reference Implementation

# Additional status

- Waiting for DPH release (due end of April)
  - [CCB-160](#) URN prefix for the Japan Aerospace eXploration Agency (JAXA)
  - [CCB-139](#) Resolve Standards Inconsistency in Bundle 'Readme' File Format
  - [CCB-117](#) Change collection inventory file extension from ".tab" to ".csv" in PDS4 documents
  - [CCB-116](#) instrument\_host\_version\_id is undefined.
  - [CCB-114](#) Poorly defined record\_delimiter in Table\_Binary
  - [CCB-111](#) Add Product\_Ancillary
  - [CCB-65](#) Need additional Target\_Identification/type values
- Scheduled for 1.9 release
  - [CCB-166](#) Deprecate bit\_mask from IM
  - [CCB-165](#) Ambiguity of ASCII\_Numeric\_Base\*
  - [CCB-162](#) Move <md5\_checksum> from Object\_Statistics to Byte\_Stream
- CCB oversight
  - The CCB oversight is limited to that portion of the IM with the steward “pds” (versus portions that have EN or node oversight). CCB is working on update to clarify the CCB Charter.

Open	Under DDWG review	Under CCB review	Queued for IM 1.9	Other	SCR	Created
X					<a href="#">CCB-184</a> The xs:choice element does not validate as expected when minOccurs and maxOccurs are both '1'.	10/Apr/17
X					<a href="#">CCB-183</a> IM contradicts SR on how many stewards to a namespace	31/Mar/17
X					<a href="#">CCB-182</a> Clarify whether CDATA is allowed	28/Mar/17
X					<a href="#">CCB-181</a> Clarify whether newlines are allowed in PDS DSV 1	28/Mar/17
X					<a href="#">CCB-180</a> Clarify whether namespace abbreviation in labels must correspond to namespace_id	28/Mar/17
X					<a href="#">CCB-179</a> In PDS4 'pds' namespace, use ASCII_NonNegative_Integer where value must be >0	28/Mar/17
X					<a href="#">CCB-178</a> Internal Reference Implementation	23/Mar/17
X					<a href="#">CCB-177</a> Missing ability to specify source products and processing history	08/Mar/17
X					<a href="#">CCB-176</a> Update Node names in the IM	06/Mar/17
	X				<a href="#">CCB-174</a> Add the Composite_Structure class	16/Feb/17
	X				<a href="#">CCB-173</a> Modify Product_Update	10/Feb/17
	X				<a href="#">CCB-172</a> Add movie format(s) to list of acceptable documents.	19/Jan/17
	X				<a href="#">CCB-170</a> Deprecate IEEE 754 NaN and Inf in Favor of PDS4 Special_Constants	27/Oct/16
	X				<a href="#">CCB-167</a> Remove xmlns:pds recommendation from DPH	02/Sep/16
			X		<a href="#">CCB-166</a> Deprecate bit_mask from IM	17/Aug/16
			X		<a href="#">CCB-165</a> Ambiguity of ASCII_Numeric_Base*	16/Aug/16
	X				<a href="#">CCB-164</a> Display_Settings not required for images	29/Jun/16
			X		<a href="#">CCB-162</a> Move <md5_checksum> from Object_Statistics to Byte_Stream	16/Jun/16
				X	<a href="#">CCB-160</a> URN prefix for the Japan Aerospace eXploration Agency (JAXA)	16/May/16
	X				<a href="#">CCB-156</a> Inconsistent Discipline Dictionary Technique for Local_Internal_Reference, et al.	04/Apr/16
X					<a href="#">CCB-153</a> SR Needs Additional Description of Packed_Data_Fields.	15/Mar/16
X					<a href="#">CCB-149</a> Should PDS4 allow packed data?	22/Feb/16
X					<a href="#">CCB-142</a> Create Data_Quality_Flags to hold metadata on Quality Flags	26/Dec/15
				X	<a href="#">CCB-139</a> Resolve Standards Inconsistency in Bundle 'Readme' File Format	03/Dec/15
X					<a href="#">CCB-138</a> Mismatch between context object types and values of <type> in <Observing_System_Component> class	24/Nov/15
	X				<a href="#">CCB-131</a> Missing Constraints on Special_Constants Attributes	16/Sep/15
				X	<a href="#">CCB-117</a> Change collection inventory file extension from ".tab" to ".csv" in PDS4 documents	01/May/15
				X	<a href="#">CCB-116</a> instrument_host_version_id is undefined.	29/Apr/15
				X	<a href="#">CCB-114</a> Poorly defined record_delimiter in Table_Binary	29/Apr/15
				X	<a href="#">CCB-111</a> Add Product_Ancillary	12/Apr/15
				X	<a href="#">CCB-65</a> Need additional Target_Identification/type values	09/Jul/14

Other: these SCRs are released but DPH update still needed

# Find out more

- CCB Website (agenda, notes, minutes, SCR schedule, charter, process document):

<https://pds-engineering.jpl.nasa.gov/content/ccb>

- If you are interested in commenting on or defending an SCR and would like to be designated an Interested Party, contact the CCB chair.
- CCB telecon discussion is limited to the CCB, EN personnel, and presenters for individual SCRs.

# CCB members for 2017

ATM	Lynn Neakrase
CIS	Trent Hare
GEO	Tom Stein, Chair
IPDA	Santa Martinez
PPI	Steve Joy
RMS	Mark Showalter
SBN	Lev Nagdimunov
	Emily Law, Coordinator

# Backup

Namespace Registry

Registration Authority	Steward Id	Namespace Id*	Directory Namespace Id**	XML Schema Namespace	Namespace Prefix***	Logical Identifier Prefix	Schema File Name Prefix****	Governance Level	Steward	Description	Registration Date	Name of Provider
0001_NASA_PDS_1	pds	pds	pds	http://pds.nasa.gov/pds4/pds/v1	pds	urn:nasa:pds:	PDS4_PDS	Common	PDS EN Node*****	Namespace for the PDS's common dictionary.	3-Apr-2012	S. Hughes
0001_NASA_PDS_1	atm	atm	atm	http://pds.nasa.gov/pds4/atm/v1	atm	urn:nasa:pds:	PDS4_ATM	Discipline	PDS ATM Node	Namespace for the Atmospheres node's dictionary.	3-Apr-2012	S. Hughes
0001_JAXA_DARTS_3	darts	darts	darts	http://pds.nasa.gov/pds4/darts/v1	darts	urn:jaxa:darts:	PDS4_DARTS	Discipline	DARTS (JAXA)	Namespace for the DARTS (JAXA) dictionary.	17/3/2017	S. Hughes
0001_NASA_PDS_1	en	dph	dph	http://pds.nasa.gov/pds4/dph/v1	dph	urn:nasa:pds:		Discipline	PDS EN Node	Namespace for the DPH Example products dictionary.	17-May-2016	R. Joyner
0001_NASA_PDS_1	geo	geo	geo	http://pds.nasa.gov/pds4/geo/v1	geo	urn:nasa:pds:		Discipline	PDS GEO Node	Namespace for the Geosciences node's dictionary.	3-Apr-2012	S. Hughes
0001_NASA_PDS_1	geo	geom	geom	http://pds.nasa.gov/pds4/geom/v1	geom	urn:nasa:pds:	PDS4_GEOM	Discipline	PDS GEO Node	Namespace for the Geometry dictionary.	30-Apr-2015	M. Gordon
0001_NASA_PDS_1	img	cart	cart	http://pds.nasa.gov/pds4/cart/v1	cart	urn:nasa:pds:	PDS4_CART	Discipline	PDS IMG Node	Namespace for the Imaging Node's cartography dictionary.	22-Oct-2015	C. Isbell
0001_NASA_PDS_1	img	disp	disp	http://pds.nasa.gov/pds4/disp/v1	disp	urn:nasa:pds:	PDS4_DISP	Discipline	PDS IMG Node	Namespace for the Imaging Node's display dictionary.	10-Jun-2013	M. Gordon
0001_NASA_PDS_1	img	img	img	http://pds.nasa.gov/pds4/img/v1	img	urn:nasa:pds:	PDS4_IMG	Discipline	PDS IMG Node	Namespace for the Imaging node's dictionary.	3-Apr-2012	S. Lavoie
0001_NASA_PDS_1	naif	naif	naif	http://pds.nasa.gov/pds4/naif/v1	naif	urn:nasa:pds:		Discipline	PDS NAIF Node	Namespace for the NAIF node's dictionary.	3-Apr-2012	S. Hughes
0001_NASA_PDS_1	ops	pds	pds	http://pds.nasa.gov/pds4/pds/v1	pds	urn:nasa:pds:	PDS4_PDS	Discipline	PDS EN Node	Namespace for the Operations dictionary.	3-Apr-2012	S. Hughes
0001_NASA_PDS_1	ppi	alt	alt	http://pds.nasa.gov/pds4/alt/v1	alt	urn:nasa:pds:	PDS4_ALT	Discipline	PDS PPI Node	Namespace for the PPI Node's Alternate dictionary.	24-Apr-2015	T. King
0001_NASA_PDS_1	ppi	particle	particle	http://pds.nasa.gov/pds4/particle/v1	particle	urn:nasa:pds:	PDS4_PARTICLE	Discipline	PDS PPI Node	Namespace for the PPI Node's Particle dictionary.	24-Apr-2015	T. King
0001_NASA_PDS_1	ppi	ppi	ppi	http://pds.nasa.gov/pds4/ppi/v1	ppi	urn:nasa:pds:		Discipline	PDS PPI Node	Namespace for the PPI node's dictionary.	3-Apr-2012	S. Hughes
0001_NASA_PDS_1	ppi	wave	wave	http://pds.nasa.gov/pds4/wave/v1	wave	urn:nasa:pds:	PDS4_WAVE	Discipline	PDS PPI Node	Namespace for the PPI Node's Wave dictionary.	24-Apr-2015	T. King
0002_ESA_PSA_1	psa	psa	psa	http://pds.nasa.gov/pds4/psa/v1	psa	urn:esa:psa:		Discipline	ESA PSA	Namespace for ESA PSA's dictionary.	?	S. Martinez
0001_NASA_PDS_1	rings	rings	rings	http://pds.nasa.gov/pds4/rings/v1	rings	urn:nasa:pds:	PDS4_RINGS	Discipline	PDS Rings Node	Namespace for the Rings node's dictionary.	3-Apr-2012	M. Gordon
0001_NASA_PDS_1	rs	rs	rs	http://pds.nasa.gov/pds4/rs/v1	rs	urn:nasa:pds:		Discipline	PDS RS Node	Namespace for the Radio Science node's dictionary.	3-Apr-2012	S. Hughes
0001_RSSA_IKI_4	rssa	rssa	rssa	http://pds.nasa.gov/pds4/rssa/v1	rssa	urn:ros:rssa:		Discipline	RSSA (IKI)	Namespace for the RSSA (IKI) dictionary.	17/3/2017	S. Hughes
0001_NASA_PDS_1	sbn	sbn	sbn	http://pds.nasa.gov/pds4/sbn/v1	sbn	urn:nasa:pds:		Discipline	PDS SBN	Namespace for the Small Bodies Node's dictionary.	3-Apr-2012	S. Hughes
0001_NASA_PDS_1	sbn	sp	sp	http://pds.nasa.gov/pds4/sp/v1	sp	urn:nasa:pds:	PDS4_SP	Discipline	PDS SBN	Namespace for the Small Bodies Node's Spectra dictionary.	11-Nov-2013	A. Rough
0001_NASA_PDS_1	atm	ladee	mission/ladee	http://pds.nasa.gov/pds4/mission/ladee/v1	ladee	urn:nasa:pds:	LADEE	Mission	PDS ATM Node	Namespace for the LADEE dictionary.	17-Jul-2014	L. Huber
0001_NASA_PDS_1	atm	ladee	ladee	http://pds.nasa.gov/pds4/ladee/v1	ladee	urn:nasa:pds:	LADEE	Mission	PDS ATM Node	Namespace for the Atmospheres Node's LADEE dictionary.	17-Jul-2014	L. Huber
0001_NASA_PDS_1	geo	insight	mission/insight	http://pds.nasa.gov/pds4/mission/insight/v1	insight	urn:nasa:pds:	PDS4_INSIGHT	Mission	PDS GEO Node	Namespace for the Insight dictionary.	25-Apr-2015	S. Slavney
0001_NASA_PDS_1	mgs	mgs	mission/mgs	http://pds.nasa.gov/pds4/mission/mgs/v1	mgs	urn:nasa:pds:		Mission	PDS IMG Node	Namespace for the Mars Global Surveyor dictionary.	22-Nov-2013	S. Lavoie
0001_NASA_PDS_1	mpf	mpf	mission/mpf	http://pds.nasa.gov/pds4/mission/mpf/v1	mpf	urn:nasa:pds:		Mission	PDS IMG Node	Namespace for the Mars Pathfinder dictionary.	4-Aug-2015	J. Padams
0001_NASA_PDS_1	orex	orex	mission/orex	http://pds.nasa.gov/pds4/mission/orex/v1	orex	urn:nasa:pds:		Mission	PDS SBN	Namespace for the OSIRIS-Rex dictionary.	12-May-2014	?
0001_NASA_PDS_1	ppi	mvn	mission/mvn	http://pds.nasa.gov/pds4/mission/mvn/v1	mvn	urn:nasa:pds:	PDS4_MVN	Mission	PDS PPI Node	Namespace for the MAVEN dictionary.	3-Jun-2015	J. Mafi
0001_NASA_PDS_1	ppi	mvn	mvn	http://pds.nasa.gov/pds4/mvn/v1	mvn	urn:nasa:pds:	PDS4_MVN	Mission	PDS PPI Node	Namespace for the PPI Node's MAVEN dictionary.	3-Jun-2015	J. Mafi
0001_NASA_PDS_1	sbn	bopps	mission/bopps	http://pds.nasa.gov/pds4/mission/bopps/v1	bopps	urn:nasa:pds:	BOPPS	Mission	PDS SBN	Namespace for the BOPPS dictionary.	26-Mar-2015	A. Rough