

Namespace Id (1)	Name	Description	Directory Namespace Id (2)	Schema Namespace	Namespace Prefix (3)	Logical Identifier Profile	Schema File Name Prefix (4)	Governance Level	Registration Authority	Steward Name	Steward Id	Steward Lead (6)	Contact	Contact Email Address	Overnight (5)	Registration Date	Name of Provider	Dictionary Exists	Registered in PDS	Registration Date in PSA
Common																				
pds		Namespace for the PDS's common dictionary.	pds	<a href="http://pds.nasa.gov/pds4/pds/v1">http://pds.nasa.gov/pds4/pds/v1</a>	pds	urn:nasa:pds:	PDS4_PDS	Common	0001_NASA_PDS_1	Planetary Data System	pds	PDS EN Node	Steve Hughes	<a href="mailto:Steve.Hughes@jpl.nasa.gov">Steve.Hughes@jpl.nasa.gov</a>	CCB	2012-04-03	S. Hughes	Yes	Yes	
International																				
darts		Namespace for the DARTS (JAXA) dictionary.	darts	<a href="http://darts.las.jaxa.jp/pds4/">http://darts.las.jaxa.jp/pds4/</a>	darts	urn:jaxa:darts:	PDS4_DARTS	Discipline	0001_JAXA_DARTS_1	Data Archive and Transmission System Indian Space Science Data Centre	darts	DARTS (JAXA)	Yukio Yamamoto	<a href="mailto:yamamoto.yukio@jaxa.jp">yamamoto.yukio@jaxa.jp</a>		2017-03-17	S. Hughes	Yes	Yes	
isda		Namespace for the ISRO dictionary.	isda	TBD	isda	urn:isro:isda:	PDS4_ISDA	Discipline	0001_ISRO_ISDA_1		isda	ISRO	B N Ramakrishna	<a href="mailto:ramki@isro.gov.in">ramki@isro.gov.in</a>		2017-07-06	Ajay Kumar Prashar	Yes	Yes	
kpds		Namespace for the for the Korea Aerospace Research Institute (KARI) - KARI Planetary Data System(KPDS)	kpds	TBD (Under development. KPDS will be opened for web service in early 2024.)	kpds	urn:kari:kpds:	PDS4_KPDS	Discipline	0001_KARI_KPDS_1	Korea Aerospace Research Institute (KARI)	kpds	KARI	Joo Hyeon Kim (KPDS Manager)	<a href="mailto:KH0301@kari.re.kr">KH0301@kari.re.kr</a>		2021-08-18	Joo Hyeon Kim	Yes	Yes	
esa		Namespace for ESA PSA's dictionary.	esa	<a href="http://esa.esa.int/esa/v1">http://esa.esa.int/esa/v1</a>	esa	urn:esa:esa:	PDS4_PSA	Discipline	0001_ESA_PSA_1	Planetary Science Archive	esa	ESA PSA	Tama Lim	<a href="mailto:tlim@sci.esa.int">tlim@sci.esa.int</a>		2015-09-19	S. Martinez	Yes	Yes	9/30/2013
rosa		Namespace for the ROSA (ESA) dictionary.	rosa	TBD	rosa	urn:rosa:rosa:	PDS4_ROSA	Discipline	0001_ROSA_PSA_1	Russian Space Agency	rosa	ROSA (ESA)	Oleg Batyagin	<a href="mailto:obaty@rambler.ru">obaty@rambler.ru</a>		2017-03-17	S. Hughes	Yes	Yes	
epn		Namespace for the VESPA EPN dictionary.	epn	<a href="https://voparis-ns.obspm.fr/pds4/epn/v1">https://voparis-ns.obspm.fr/pds4/epn/v1</a>	epn	urn:vespa:epn:	VESPA_EPN	Discipline	0001_VESPA_EPN_1	Virtual European Solar and Planetary Access	epn	VESPA	Baptiste Cecconi	<a href="mailto:baptiste.cecconi@observatoiredeparis.psl.eu">baptiste.cecconi@observatoiredeparis.psl.eu</a>		2020-10-28	S. Hughes	Yes	Yes	
Discipline																				
alt	Alternate	Namespace for the PPI Node's Alternate dictionary.	alt	<a href="http://pds.nasa.gov/pds4/alt/v1">http://pds.nasa.gov/pds4/alt/v1</a>	alt	urn:nasa:pds:	PDS4_ALT	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	<a href="mailto:jmafi@tsgu.ucla.edu">jmafi@tsgu.ucla.edu</a>		2015-04-24	T. King	Yes	Yes	
atm	Atmosphere's Node	Namespace for the Atmospheres node's dictionary.	atm	<a href="http://pds.nasa.gov/pds4/atm/v1">http://pds.nasa.gov/pds4/atm/v1</a>	atm	urn:nasa:pds:	PDS4_ATM	Discipline	0001_NASA_PDS_1	Atmospheres	atm	PDS ATM Node	Lyle Huber	<a href="mailto:lhuber@nmsu.edu">lhuber@nmsu.edu</a>		2012-04-03	S. Hughes	Yes	Yes	
cart	Cartography	The Cartography Dictionary contains classes, elements, attributes, and rules for specifying how arrays (images) as stored, should be displayed to users. For example, defining the vertical display direction 'Bottom to Top' or horizontal direction 'Left to Right' and it can provide guidance on mapping multiband arrays for color display (red, green, and blue) or as a movie sequence (video).	cart	<a href="http://pds.nasa.gov/pds4/cart/v1">http://pds.nasa.gov/pds4/cart/v1</a>	cart	urn:nasa:pds:	PDS4_CART	Discipline	0001_NASA_PDS_1	Cartography	img	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2015-10-22	S. Isbell	Yes	Yes	
ctli	Common Type List Instrument	The CTLI dictionary provides a set of type values for instruments for use in instrument context products.	ctli	<a href="http://pds.nasa.gov/pds4/ctli/v1">http://pds.nasa.gov/pds4/ctli/v1</a>	ctli	urn:nasa:pds:	PDS4_CTLI	Discipline	0001_NASA_PDS_1	CTLI	atm	PDS ATM Node	Lyle Huber	<a href="mailto:lhuber@nmsu.edu">lhuber@nmsu.edu</a>		2021-05-13	Lyle Huber	Yes	Yes	
disp	Display	The Display Dictionary contains classes, attributes, and rules for specifying how arrays (images) as stored, should be displayed to users. For example, defining the vertical display direction 'Bottom to Top' or horizontal direction 'Left to Right' and it can provide guidance on mapping multiband arrays for color display (red, green, and blue) or as a movie sequence (video).	disp	<a href="http://pds.nasa.gov/pds4/disp/v1">http://pds.nasa.gov/pds4/disp/v1</a>	disp	urn:nasa:pds:	PDS4_DISP	Discipline	0001_NASA_PDS_1	Display	img	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2013-06-10	M. Gordon	Yes	Yes	
ebt	Earth-Based Telescope	This namespace will provide observing parameters, provenance, and geometry relevant to ground-based telescopes on Earth and for Earth-orbiting (or Lagrange point) telescopes	ebt	<a href="http://pds.nasa.gov/pds4/ebt/v1">http://pds.nasa.gov/pds4/ebt/v1</a>	ebt	urn:nasa:pds:	PDS4_EBT	Discipline	0001_NASA_PDS_1	Small Bodies	sbm	PDS SBM	Ben Hirsch	<a href="mailto:bhirsch1@umtd.edu">bhirsch1@umtd.edu</a>		2021-07-21	B. Hirsch	Yes	Yes	
geom	Geometry	The Geometry Dictionary contains classes, attributes, and rules for specifying the geometry parameters associated with science observations.	geom	<a href="http://pds.nasa.gov/pds4/geom/v1">http://pds.nasa.gov/pds4/geom/v1</a>	geom	urn:nasa:pds:	PDS4_GEOM	Discipline	0001_NASA_PDS_1	Geometry	geo	PDS GEO Node	Edward Guinness, Mitchell Gordon	<a href="mailto:guinness@wunder.wustl.edu">guinness@wunder.wustl.edu</a> , <a href="mailto:mrgordon@stsci.org">mrgordon@stsci.org</a>		2015-04-30	M. Gordon	Yes	Yes	
img	Imaging	The Imaging Dictionary contains classes, attributes, and rules for specifying the metadata associated with imaging and spectrometer data products.	img	<a href="http://pds.nasa.gov/pds4/img/v1">http://pds.nasa.gov/pds4/img/v1</a>	img	urn:nasa:pds:	PDS4_IMG	Discipline	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2012-04-03	S. Lavie	Yes	Yes	
img_surface	Surface Imaging	The Surface Imaging Dictionary contains classes, attributes, and rules for specifying the metadata associated with imaging and spectrometer data products of surface missions.	img_surface	<a href="http://pds.nasa.gov/pds4/img_surface/v1">http://pds.nasa.gov/pds4/img_surface/v1</a>	img_surface	urn:nasa:pds:	PDS4_IMG_SURFACE	Discipline	0001_NASA_PDS_1	Imaging Surface	img_surface	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2019-09-26	C. De Cesare	Yes	Yes	
ml	Machine Learning Classifier	Machine Learning Classifier Discipline Local Data Dictionary	ml	<a href="http://pds.nasa.gov/pds4/mission/ml/v1">http://pds.nasa.gov/pds4/mission/ml/v1</a>	ml	urn:nasa:pds:	PDS4_ML	Discipline	0001_NASA_PDS_1	Machine Learning	img	PDS IMG Node	Mike McAuley	<a href="mailto:Michael.McAuley@jpl.nasa.gov">Michael.McAuley@jpl.nasa.gov</a>		2021-05-17	M. McAuley	Yes	Yes	
msn	Mission Information Catalog	The sub-directory for the Mission Information class namespace.	msn	<a href="http://pds.nasa.gov/pds4/mission/msn/v1">http://pds.nasa.gov/pds4/mission/msn/v1</a>	msn	urn:nasa:pds:	PDS4_MSN	Discipline	0001_NASA_PDS_1	Generic Mission	img	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2016-10-07	S. Hughes	Yes	Yes	
msn_surface	Surface Mission Information	The Surface Mission Dictionary contains classes, attributes, and rules for specifying metadata elements which are specific to the data products of surface missions but are common among multiple such missions.	msn_surface	<a href="http://pds.nasa.gov/pds4/msn_surface/v1">http://pds.nasa.gov/pds4/msn_surface/v1</a>	msn_surface	urn:nasa:pds:	PDS4_MSN_SURFACE	Discipline	0001_NASA_PDS_1	Mission Surface	msn_surface	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2019-09-26	C. De Cesare	Yes	Yes	
multi	Multidimensional	The Multi dictionary contains classes that describe the composition of multidimensional data consisting of Array (and Array subclass) data objects. It provides a way to associated data objects and align the objects in general multi-dimensional structures.	multi	<a href="http://pds.nasa.gov/pds4/multi/v1">http://pds.nasa.gov/pds4/multi/v1</a>	multi	urn:nasa:pds:	PDS4_MULTI	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	<a href="mailto:jmafi@tsgu.ucla.edu">jmafi@tsgu.ucla.edu</a>		2021-03-02	J. Mafi	Yes	Yes	
nucspec	Nuclear Spectroscopy	The Nuclear Spectroscopy dictionary provides classes, attributes, and rules for describing the circumstances surrounding nuclear spectroscopy observations.	nucspec	<a href="http://pds.nasa.gov/pds4/nucspec/v1">http://pds.nasa.gov/pds4/nucspec/v1</a>	nucspec	urn:nasa:pds:	PDS4_NUCSPEC	Discipline	0001_NASA_PDS_1	nucspec	nucspec	PDS SBM/PSI	Jesse Stone	<a href="mailto:jstone@psi.edu">jstone@psi.edu</a>		2020-10-06	Jesse Stone	Yes	Yes	
particle	Particle	The Particle dictionary contains classes that describe the composition of multidimensional particle data consisting of Array (and Array subclass) data objects	particle	<a href="http://pds.nasa.gov/pds4/particle/v1">http://pds.nasa.gov/pds4/particle/v1</a>	particle	urn:nasa:pds:	PDS4_PARTICLE	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	<a href="mailto:jmafi@tsgu.ucla.edu">jmafi@tsgu.ucla.edu</a>		2015-04-24	T. King	Yes	Yes	
pds	PDS Operations	Namespace for the Operations dictionary.	pds	<a href="http://pds.nasa.gov/pds4/pds/v1">http://pds.nasa.gov/pds4/pds/v1</a>	pds	urn:nasa:pds:	PDS4_PDS	Discipline	0001_NASA_PDS_1	Operations	ops	PDS EN Node	Steve Hughes	<a href="mailto:Steve.Hughes@jpl.nasa.gov">Steve.Hughes@jpl.nasa.gov</a>		2012-04-03	S. Hughes	Yes	Yes	
ppi	Namespace for the PPI Node's dictionary.		ppi	<a href="http://pds.nasa.gov/pds4/ppi/v1">http://pds.nasa.gov/pds4/ppi/v1</a>	ppi	urn:nasa:pds:	PDS4_PPI	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	<a href="mailto:jmafi@tsgu.ucla.edu">jmafi@tsgu.ucla.edu</a>		2012-04-03	S. Hughes	Yes	Yes	
proc	Processing Information	The Processing Information Dictionary contains detailed information regarding the history of processing performed on data products(s) in order to produce the current product.	proc	<a href="http://pds.nasa.gov/pds4/proc/v1">http://pds.nasa.gov/pds4/proc/v1</a>	proc	urn:nasa:pds:	PDS4_PROC	Discipline	0001_NASA_PDS_1	Processing History	proc	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2019-09-26	C. De Cesare	Yes	Yes	
rings	Rings	The Rings Dictionary contains classes supporting planetary ring observations including ring-specific geometric parameters.	rings	<a href="http://pds.nasa.gov/pds4/rings/v1">http://pds.nasa.gov/pds4/rings/v1</a>	rings	urn:nasa:pds:	PDS4_RINGS	Discipline	0001_NASA_PDS_1	Ring-Moon Systems	rings	PDS Rings Node	Mitchell Gordon	<a href="mailto:mrgordon@seti.org">mrgordon@seti.org</a>		2012-04-03	M. Gordon	Yes	Yes	
sbm	Small Bodies Node	Namespace for the Small Bodies Node's dictionary.	sbm	<a href="http://pds.nasa.gov/pds4/sbm/v1">http://pds.nasa.gov/pds4/sbm/v1</a>	sbm	urn:nasa:pds:	PDS4_SBM	Discipline	0001_NASA_PDS_1	Small Bodies	sbm	PDS SBM	Anne Raugh	<a href="mailto:araugh@umtd.edu">araugh@umtd.edu</a>		2012-04-03	S. Hughes	Yes	Yes	
sp	Spectral	The Spectral (ppi) Discipline Dictionary contains classes for defining the spectral bin characteristics (in wavelength, frequency, or wave number) of a data product.	sp	<a href="http://pds.nasa.gov/pds4/sp/v1">http://pds.nasa.gov/pds4/sp/v1</a>	sp	urn:nasa:pds:	PDS4_SP	Discipline	0001_NASA_PDS_1	Spectral	sbm	PDS SBM	Anne Raugh	<a href="mailto:araugh@umtd.edu">araugh@umtd.edu</a>		2013-11-11	A. Raugh	Yes	Yes	
speclib	Spectral Library	The Spectral Library Data Dictionary defines the metadata terms that describe laboratory spectral measurements, including classification of the samples measured.	speclib	<a href="http://pds.nasa.gov/pds4/speclib/v1">http://pds.nasa.gov/pds4/speclib/v1</a>	speclib	urn:nasa:pds:	PDS4_SPECLIB	Discipline	0001_NASA_PDS_1	Spectral Library	speclib	PDS GEO Node	Susie Slawney	<a href="mailto:slawney@wunder.wustl.edu">slawney@wunder.wustl.edu</a>		2017-05-15	S. Slawney	Yes	Yes	
survey	Survey	The Survey dictionary provides classes, attributes, and rules for describing the circumstances surrounding sky survey observations.	survey	<a href="http://pds.nasa.gov/pds4/survey/v1">http://pds.nasa.gov/pds4/survey/v1</a>	survey	urn:nasa:pds:	PDS4_SURVEY	Discipline	0001_NASA_PDS_1	Survey	survey	PDS SBM/PSI	Jesse Stone	<a href="mailto:jstone@psi.edu">jstone@psi.edu</a>		2020-10-06	Jesse Stone	Yes	Yes	
wave	Wave	The Wave dictionary contains classes that describe the composition of multidimensional wave data consisting of Array (and Array subclass) data objects.	wave	<a href="http://pds.nasa.gov/pds4/wave/v1">http://pds.nasa.gov/pds4/wave/v1</a>	wave	urn:nasa:pds:	PDS4_WAVE	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	<a href="mailto:jmafi@tsgu.ucla.edu">jmafi@tsgu.ucla.edu</a>		2015-04-24	T. King	Yes	Yes	
Mission																				
bopps		Namespace for the BOPPS dictionary.	mission/bopps	<a href="http://pds.nasa.gov/pds4/mission/bopps/v1">http://pds.nasa.gov/pds4/mission/bopps/v1</a>	bopps	urn:nasa:pds:	BOPPS	Mission	0001_NASA_PDS_1	BOPPS	sbm	PDS SBM	Anne Raugh	<a href="mailto:araugh@umtd.edu">araugh@umtd.edu</a>		2015-03-26	A. Raugh	Yes	Yes	
clementine	Clementine	The Clementine mission dictionary contains a class with attributes specific to the Deep Space Program Science Experiment, including the Clementine orbiter and its instruments. This dictionary was created for the migration of Clementine data products from PDS3 to PDS4 by Mission Concepts (contact M. St. Clair).	clementine	<a href="http://pds.nasa.gov/pds4/clementine/v1">http://pds.nasa.gov/pds4/clementine/v1</a>	clementine	urn:nasa:pds:	PDS4_CLEMENTINE	Mission	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2021-05-13	Trent Hare	Yes	Yes	
clipper	clipper	The Europa Clipper mission dictionary contains classes that describe aspects of the Clipper mission and related instruments.	clipper	<a href="http://pds.nasa.gov/pds4/clipper/v1">http://pds.nasa.gov/pds4/clipper/v1</a>	clipper	urn:nasa:pds:	PDS4_CLIPPER	Mission	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2021-07-08	Trent Hare	Yes	Yes	
dart	dart	This namespace provides classes specific to the NASA DART mission and, potentially, the concurrent LICIACube mission.	dart	<a href="http://pds.nasa.gov/pds4/dart/v1">http://pds.nasa.gov/pds4/dart/v1</a>	dart	urn:nasa:pds:	PDS4_DART	Mission	0001_NASA_PDS_1	SBM	sbm	PDS SBM	Ben Hirsch	<a href="mailto:bhirsch1@umtd.edu">bhirsch1@umtd.edu</a>		2021-08-18	A. Raugh	Yes	Yes	
hyb2		This is the Hayabusa2 Mission Specific Data Dictionary.	mission/hyb2	<a href="http://darts.las.jaxa.jp/pds4/">http://darts.las.jaxa.jp/pds4/</a>	hyb2	urn:jaxa:darts:	PDS4_HYB2	Mission	0001_JAXA_DARTS_1	Hayabusa2	darts	PDS SBM/PSI	Yukio Yamamoto	<a href="mailto:yamamoto.yukio@jaxa.jp">yamamoto.yukio@jaxa.jp</a>		2020-12-28	Y. Yamamoto	Yes	Yes	
kpds		Namespace for the Korea Pathfinder Lunar Orbiter(KPLO).	mission/kpds	TBD (Under development. KPDS will be opened for web service in early 2024.)	kpds	urn:kari:kpds:	PDS4_KPDS	Mission	0001_KARI_KPDS_1		kpds	KARI	Eunhyeok Kim	<a href="mailto:eunhyeok@kari.ac.kr">eunhyeok@kari.ac.kr</a>		2021-08-18	Joo Hyeon Kim	Yes	Yes	
insight		Namespace for the Insight dictionary.	mission/insight	<a href="http://pds.nasa.gov/pds4/mission/insight/v1">http://pds.nasa.gov/pds4/mission/insight/v1</a>	insight	urn:nasa:pds:	PDS4_INSIGHT	Mission	0001_NASA_PDS_1	Insight	geo	PDS GEO Node	Susie Slawney	<a href="mailto:slawney@wunder.wustl.edu">slawney@wunder.wustl.edu</a>		2015-04-25	S. Slawney	Yes	Yes	
lades		Namespace for the LADEE dictionary.	mission/lades	<a href="http://pds.nasa.gov/pds4/lades/v1">http://pds.nasa.gov/pds4/lades/v1</a>	lades	urn:nasa:pds:	PDS4_LADEE	Mission	0001_NASA_PDS_1	LADEE	atm	PDS ATM Node	Lyle Huber	<a href="mailto:lhuber@nmsu.edu">lhuber@nmsu.edu</a>		2014-07-17	L. Huber	Yes	Yes	
lades		Namespace for the Atmospheres Node's LADEE dictionary.	lades	<a href="http://pds.nasa.gov/pds4/lades/v1">http://pds.nasa.gov/pds4/lades/v1</a>	lades	urn:nasa:pds:	PDS4_LADEE	Mission	0001_NASA_PDS_1	LADEE	atm	PDS ATM Node	Lyle Huber	<a href="mailto:lhuber@nmsu.edu">lhuber@nmsu.edu</a>		2014-07-17	L. Huber	Yes	Yes	
lt	Lunar Trailblazer	Namespace for the Geo Node's Lunar Trailblazer dictionary.	lt	<a href="http://pds.nasa.gov/pds4/lt/v1">http://pds.nasa.gov/pds4/lt/v1</a>	lt	urn:nasa:pds:	PDS4_LT	Mission	0001_NASA_PDS_1	LT	geo	PDS GEO Node	Susie Slawney	<a href="mailto:slawney@wunder.wustl.edu">slawney@wunder.wustl.edu</a>		2022-02-16	S. Slawney	Yes	Yes	
mars2020	Mars 2020 Mission	Namespace for the Mars 2020 Mission Local Data Dictionary.	mission/mars2020	<a href="http://pds.nasa.gov/pds4/mission/mars2020/v1">http://pds.nasa.gov/pds4/mission/mars2020/v1</a>	mars2020	urn:nasa:pds:	PDS4_MARS2020	Mission	0001_NASA_PDS_1	Mars 2020	geo	PDS GEO Node	Susie Slawney	<a href="mailto:slawney@wunder.wustl.edu">slawney@wunder.wustl.edu</a>		2021-05-15	S. Slawney	Yes	Yes	
mer		Namespace for the Mars Exploration Rover's dictionary.	mission/mer	<a href="http://pds.nasa.gov/pds4/mission/mer/v1">http://pds.nasa.gov/pds4/mission/mer/v1</a>	mer	urn:nasa:pds:	PDS4_MER	Mission	0001_NASA_PDS_1	MER	geo	PDS GEO Node	Susie Slawney	<a href="mailto:slawney@wunder.wustl.edu">slawney@wunder.wustl.edu</a>		2020-04-14	S. Slawney	Yes	Yes	
mgs		Namespace for the Mars Global Surveyor dictionary.	mission/mgs	<a href="http://pds.nasa.gov/pds4/mission/mgs/v1">http://pds.nasa.gov/pds4/mission/mgs/v1</a>	mgs	urn:nasa:pds:	PDS4_MGS	Mission	0001_NASA_PDS_1	MGS	img	PDS IMG Node	Trent Hare	<a href="mailto:thare@uigs.gov">thare@uigs.gov</a>		2013-11-22	S. Lavie	Yes	Yes	

bc_mpo_isa	Namespace for the BepiColombo ISA schema.		<a href="http://psa.esa.int/psa/bc/mpo/isa/v1">http://psa.esa.int/psa/bc/mpo/isa/v1</a>	isa	urn:esa:psa	PDS4_PSA_BC_MPO_ISA	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_mag	Namespace for the BepiColombo MPO MAG schema.		<a href="http://psa.esa.int/psa/bc/mpo/mag/v1">http://psa.esa.int/psa/bc/mpo/mag/v1</a>	mag	urn:esa:psa	PDS4_PSA_BC_MPO_MAG	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_mer	Namespace for the BepiColombo MERTIS schema.		<a href="http://psa.esa.int/psa/bc/mpo/mer/v1">http://psa.esa.int/psa/bc/mpo/mer/v1</a>	meritis	urn:esa:psa	PDS4_PSA_BC_MPO_MER	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_mgn	Namespace for the BepiColombo MGNS schema.		<a href="http://psa.esa.int/psa/bc/mpo/mgn/v1">http://psa.esa.int/psa/bc/mpo/mgn/v1</a>	mgnrs	urn:esa:psa	PDS4_PSA_BC_MPO_MGN	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_mlx	Namespace for the BepiColombo MIXS schema.		<a href="http://psa.esa.int/psa/bc/mpo/mlx/v1">http://psa.esa.int/psa/bc/mpo/mlx/v1</a>	mixis	urn:esa:psa	PDS4_PSA_BC_MPO_MIX	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_mre	Namespace for the BepiColombo MORE schema.		<a href="http://psa.esa.int/psa/bc/mpo/mre/v1">http://psa.esa.int/psa/bc/mpo/mre/v1</a>	more	urn:esa:psa	PDS4_PSA_BC_MPO_MRE	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_phe	Namespace for the BepiColombo PHEBUS schema.		<a href="http://psa.esa.int/psa/bc/mpo/phe/v1">http://psa.esa.int/psa/bc/mpo/phe/v1</a>	phebus	urn:esa:psa	PDS4_PSA_BC_MPO_PHE	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_srn	Namespace for the BepiColombo SERENA schema.		<a href="http://psa.esa.int/psa/bc/mpo/srn/v1">http://psa.esa.int/psa/bc/mpo/srn/v1</a>	serena	urn:esa:psa	PDS4_PSA_BC_MPO_SRN	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_sim	Namespace for the BepiColombo SIMBIO-SYS schema.		<a href="http://psa.esa.int/psa/bc/mpo/sim/v1">http://psa.esa.int/psa/bc/mpo/sim/v1</a>	simbiocys	urn:esa:psa	PDS4_PSA_BC_MPO_SIM	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
bc_mpo_six	Namespace for the BepiColombo SIXS schema.		<a href="http://psa.esa.int/psa/bc/mpo/six/v1">http://psa.esa.int/psa/bc/mpo/six/v1</a>	sixs	urn:esa:psa	PDS4_PSA_BC_MPO_SIX	Mission	0001_ESA_PSA_1						BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19	M.S. Bentley	No	No		
chan1	Chandrayaan-1 mission dictionary	mission/chan1	<a href="http://pds.nasa.gov/pds4/mission/chan1/v1">http://pds.nasa.gov/pds4/mission/chan1/v1</a>	chan1	urn:nasa:pds	PDS4_CHAN1	Mission	0001_NASA_PDS_1	chan1	chan1	chan1	PDS GEO and PDS IMG	Susan Slavney	slavney at wunder.wustl.edu		2020-10-07	S. Slavney	Yes	Yes			
em16	Namespace for the ExoMars16 schema.	em16	<a href="http://psa.esa.int/psa/em16/v1">http://psa.esa.int/psa/em16/v1</a>	em16	urn:esa:psa	PDS4_PSA_EM16	Mission	0001_ESA_PSA_1	em16	em16	em16	em16	ExoMars16 Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	Yes	No			
em16_tgo_acs	Namespace for the ExoMars16 ACS Instrument schema.		<a href="http://psa.esa.int/psa/em16/tgo/acs/v1">http://psa.esa.int/psa/em16/tgo/acs/v1</a>	acs	urn:esa:psa	PDS4_PSA_EM16_TGO_ACS	Mission	0001_ESA_PSA_1	em16	em16	em16	em16	ExoMars16 Science Operations Centre	dcola at sclops.esa.int		2019-11-19	D. Coia	Yes	No			
em16_tgo_cas	Namespace for the ExoMars16 CaSSIS Instrument schema.		<a href="http://psa.esa.int/psa/em16/tgo/cas/v1">http://psa.esa.int/psa/em16/tgo/cas/v1</a>	cas	urn:esa:psa	PDS4_PSA_EM16_TGO_CAS	Mission	0001_ESA_PSA_1	em16	em16	em16	em16	ExoMars16 Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	Yes	No			
em16_tgo_nmd	Namespace for the ExoMars16 NOMAD Instrument schema.		<a href="http://psa.esa.int/psa/em16/tgo/nmd/v1">http://psa.esa.int/psa/em16/tgo/nmd/v1</a>	nmd	urn:esa:psa	PDS4_PSA_EM16_TGO_NMD	Mission	0001_ESA_PSA_1	em16	em16	em16	em16	ExoMars16 Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	Yes	No			
em16_tgo_frd	Namespace for the ExoMars16 FREND Instrument schema.		<a href="http://psa.esa.int/psa/em16/tgo/frd/v1">http://psa.esa.int/psa/em16/tgo/frd/v1</a>	frd	urn:esa:psa	PDS4_PSA_EM16_TGO_FRD	Mission	0001_ESA_PSA_1	em16	em16	em16	em16	ExoMars16 Science Operations Centre	dcola at sclops.esa.int		2019-11-19	D. Coia	Yes	No			
emrsp	Namespace for the ExoMarsRSP mission schema.	emrsp	<a href="http://psa.esa.int/psa/emrsp/v1">http://psa.esa.int/psa/emrsp/v1</a>	emrsp	urn:esa:psa	PDS4_PSA_EMRSR	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm	Namespace for the ExoMarsRSP Rover Host schema.		<a href="https://psa.esa.int/psa/emrsp/rm/v1">https://psa.esa.int/psa/emrsp/rm/v1</a>	rm	urn:esa:psa	PDS4_PSA_EMRSR_RM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	Yes	No			
emrsp_rm_nav	Namespace for the ExoMarsRSP NavCam Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/nav/v1">https://psa.esa.int/psa/emrsp/rm/nav/v1</a>	nav	urn:esa:psa	PDS4_PSA_EMRSR_RM_NAV	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_loc	Namespace for the ExoMarsRSP LocCam Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/loc/v1">https://psa.esa.int/psa/emrsp/rm/loc/v1</a>	loc	urn:esa:psa	PDS4_PSA_EMRSR_RM_LOC	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_pan	Namespace for the ExoMarsRSP PanCam Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/pan/v1">https://psa.esa.int/psa/emrsp/rm/pan/v1</a>	pan	urn:esa:psa	PDS4_PSA_EMRSR_RM_PAN	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_ise	Namespace for the ExoMarsRSP ISEM Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/ise/v1">https://psa.esa.int/psa/emrsp/rm/ise/v1</a>	ise	urn:esa:psa	PDS4_PSA_EMRSR_RM_ISE	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_clu	Namespace for the ExoMarsRSP CLUPI Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/clu/v1">https://psa.esa.int/psa/emrsp/rm/clu/v1</a>	clu	urn:esa:psa	PDS4_PSA_EMRSR_RM_CLU	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_wis	Namespace for the ExoMarsRSP WISDOM Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/wis/v1">https://psa.esa.int/psa/emrsp/rm/wis/v1</a>	wis	urn:esa:psa	PDS4_PSA_EMRSR_RM_WIS	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_arm	Namespace for the ExoMarsRSP ADRON_RM Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/arm/v1">https://psa.esa.int/psa/emrsp/rm/arm/v1</a>	arm	urn:esa:psa	PDS4_PSA_EMRSR_RM_ARM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_mis	Namespace for the ExoMarsRSP MaMIS Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/mis/v1">https://psa.esa.int/psa/emrsp/rm/mis/v1</a>	mis	urn:esa:psa	PDS4_PSA_EMRSR_RM_MIS	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_mic	Namespace for the ExoMarsRSP MicroOmega Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/mic/v1">https://psa.esa.int/psa/emrsp/rm/mic/v1</a>	mic	urn:esa:psa	PDS4_PSA_EMRSR_RM_MIC	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_mdm	Namespace for the ExoMarsRSP MDMA Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/mdm/v1">https://psa.esa.int/psa/emrsp/rm/mdm/v1</a>	mdm	urn:esa:psa	PDS4_PSA_EMRSR_RM_MDM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
emrsp_rm_rii	Namespace for the ExoMarsRSP RLS Instrument schema.		<a href="https://psa.esa.int/psa/emrsp/rm/rii/v1">https://psa.esa.int/psa/emrsp/rm/rii/v1</a>	rii	urn:esa:psa	PDS4_PSA_EMRSR_RM_RLS	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlm at sclops.esa.int		2019-11-19	T. Lim	No	No			
<b>Held For Future Use</b>																						
dph	Namespace for the DPH Example products dictionary.	dph	<a href="http://pds.nasa.gov/pds4/dph/v1">http://pds.nasa.gov/pds4/dph/v1</a>	dph	urn:nasa:pds		Discipline	0001_NASA_PDS_1	Engineering	en	PDS EN Node	Steve Hughes	Steve.Hughes at jpl.nasa.gov		2016-05-17	R. Joyner						
geo	Namespace for the Geosciences node's dictionary.	geo	<a href="http://pds.nasa.gov/pds4/geo/v1">http://pds.nasa.gov/pds4/geo/v1</a>	geo	urn:nasa:pds		Discipline	0001_NASA_PDS_1	Geosciences	geo	PDS GEO Node	Edward Guinness	guinness at wunder.wustl.edu		2012-04-03	S. Hughes						
naif	Namespace for the NAIF node's dictionary.	naif	<a href="http://pds.nasa.gov/pds4/naif/v1">http://pds.nasa.gov/pds4/naif/v1</a>	naif	urn:nasa:pds		Discipline	0001_NASA_PDS_1	NAIF	naif	PDS NAIF Node	Boris Semenov	Boris.V.Semenov at jpl.nasa.gov		2012-04-03	S. Hughes						
rs	Namespace for the Radio Science node's dictionary.	rs	<a href="http://pds.nasa.gov/pds4/rs/v1">http://pds.nasa.gov/pds4/rs/v1</a>	rs	urn:nasa:pds		Discipline	0001_NASA_PDS_1	Radio Science	rs	PDS RS Node	Richard Simpson	rs@esoc.jpl.nasa.gov		2012-04-03	S. Hughes						

(1) Namespace id is defined in the PDS4 Information Model. It is a namespace container for a logical grouping of classes and attributes and is assigned by the steward. Namespace\_id is often mopped to the namespace prefix defined in XML documents.

(2) The Namespace id used to create a URL for a mission level dictionary requires the prefix "mission".

(3) The default namespace and namespace prefix, in an XML Schema file, is null.

(4) The Schema File Name Prefix typically has a suffix that includes the version number of the dictionary, for example PDS4\_PDS\_1400.

(5) The PDS Change Control Board (CCB) provides oversight by reviewing and approving all changes to the Common Dictionary.

(6) The Steward Lead field indicates the lead entity within the stewardship group. This entity and the members of the group can change as needed. The steward\_id should not change.