Last Update Namespace Id	11/22/2024 Name	Description	Directory Namespace	XML Schema Namespace	Namespace	Logical	Schema File Name Prefix	Governance	Registration Authority	Steward Node Name	Steward Id	Steward Lead (6)	Steward (Contact)	Contact Email Address	Oversight Re	gistration Date	Name of	Dictionary	Registered Registr	ation
(1)			Directory Namespace Id (2)		Namespace Prefix (3)	Identifier Prefix	(4)	Level							(5)	-	Provider	Exists	Registered Registra in PDS Date in	PSA
pds International	Planetary Data System	Namespace for the PDS's common dictionary.	pds	http://pds.nasa.gov/pds4/pds/v1	pds	urn:nasa:pds:	PDS4 PDS	Common	0001 NASA PDS 1	Planetary Data System	pds	PDS EN Node	Steve Hughes	Steve.Hughes at jpl.nasa.gov	ссв	2012-04-03	S. Hughes	Yes	res	=
darts	DARTS (JAXA)	Namespace for the DARTS (JAXA) dictionary.	darts	http://darts.isas.jaxa.jp/pds4/	darts	urn:jaxa:darts:	PDS4_DARTS			Data Archive and Transmission System	darts	DARTS (JAXA)	Yukio Yamamoto	yamamoto.yukio at jaxa.jp		2017-03-17	-	Yes	Yes	
isda	ISRO KARI Planetary Data System	Namespace for the ISRO dictionary.  Namespace for the for the Korea Aerospace Research Institute	isda knds	TBD https://www.kari.re.kr/kpds	isda	urn:isro:isda urn:kari:kods	PDS4_ISDA PDS4_KPDS		0001_ISRO_ISDA_1	Indian Space Science Data Centre Korea Aerospace Research	isda	ISRO	B N Ramakrishna Joo Hyeon Kim (KPDS	ramki at istrac.gov.in ki0630 at kari.re.kr		2017-07-06	Prashar	Yes	res	
	, ,	(KARI) - KARI Planetary Data System(KPDS)	.,		kpds	urn:kari:kpds urn:psa:esa:			0001_KARI_KPDS_1 0001_ESA_PSA_1	Korea Aerospace Research Institute (KARI) Planetary Science Archive	kpds		Joo Hyeon Kim (KPDS Manazer) Tanya Lim	tlim at sciops.esa.int		2021-08-18	Joo Hyeon Kim	V	Yes 9/:	/30/2015
	RSSA (IKI) VESPA EPN	Namespace for the RSSA (IKI) dictionary.  Namespace for the RSSA (IKI) dictionary.  Namespace for the VESPA EPN dictionary.	rssa enn	http://psa.esa.int/psa/v1 TBD https://voparis-ns.obspm.fr/pds4/epn/v1	rssa enn	urn:psa:esa: urn:ros:rssa: urn:vespa:epn	PDS4 RSSA VESPA_EPN	Discipline Discipline	0001 ESA PSA 1 0001 ROS RSSA 1 0001_VESPA_EPN_1	Russian Space Agency Virtual Furonean Solar and		RSSA (IKI)	Oleg Batanov Rantiste Cecconi	obat at romance.iki.rssi.ru baptiste.cecconi at observatoiredeparis.psl.eu		2015-09-30 2017-03-17 2020-10-28	S. Hughes S. Hughes	Yes Yes	res 9/:	30/2015
Discipline	VESTALIN	namespace for the VESTA ETA dictionary.	epn.	maps, y voper is risconspiritly possy upin vs	- Line	ин. чезра. ерн	VLJ/A_U/I	Discipline	0001_123 A_C 11_1	Planetary Access	Сри	TLSF A	вирале сессоп	Displace.ceccomine doservacomedepara.par.eu		1010-10-10	2.1108/103	163		
alt	Alternate	Namespace for the PPI Node's Alternate dictionary.	alt	http://pds.nasa.gov/pds4/alt/v1	alt	urn:nasa:pds:	PDS4_ALT	Discipline	0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	jmafi at igpp.ucla.edu		2015-04-24	T. King	Yes	Yes	
atm cart	Atmosphere's Node Cartography	Namesoace for the Atmosoheres node's dictionary. The Cartography Dictionary contains classes, elements, attributes, and rules describing map projections, including both cartographic	atm cart	http://pds.nasa.gov/pds4/atm/v1 http://pds.nasa.gov/pds4/cart/v1	atm	urn:nasa:ods: urn:nasa:pds:	PDS4_CART	Discipline Discipline	0001 NASA PDS 1 0001_NASA_PDS_1		atm img	PDS ATM Node PDS IMG Node	Lvle Huber Trent Hare	lhuber at nmsu.edu thare at usgs.gov		2012-04-03 2015-10-22	S. Huzhes C. Isbell	Yes Yes	Yes Yes	
		and rules describing map projections, including both carrographic and lander related definitions and descriptions. The PGS Carrography dictionary is based on and utilizes the existing Federal Geographic Total Committee (FGGC) Contents Standard for Digital Geospatial Metadata, with modifications and estensions opplied by PGS as needed for planetary mapping application. The CTLI dictionary provides a set of type values for instruments.					PDS4_CTLI					PDS ATM Node		Ihuber at nmsu.edu		2021-05-13				
die	Instrument	for use in instrument context products.  The Display Dictionary contains classes, attributes, and rules for	cti	http://pds.nasa.gov/pds4/ctii/v1 http://pds.nasa.gov/pds4/disp/v1	disp	urn:nasa:pds: urn:nasa:pds:	PDS4_CILI PDS4_DISP		0001_NASA_PDS_1 0001_NASA_PDS_1	Display	ime		Trent Hare	thare at usgs.gov		2021-05-13		Yes	Yes	
шьр		specifying how arrays (images) as stored, should be displayed to users. For example, defining the vertical display direction 'Bottom to Top' or horizontal direction 'Let to Right' and it can provide guidance on mapping multiband arrays for color display (red, green, and blue) or as a movie sequence (video).	ebt	http://pds.nasa.gov/pds4/ebt/v1	usp	ummasa:ods:	PDS4_EBT		0001_NASA_PDS_1	Small Bodies		PDS SBN	Ben Hirsch	bhirsch1 at umd.edu		2021-07-21			Yes	
eoc	Earth-Based relescope	and geometry relevant to ground-based telescopes on Earth and for Earth-orbiting (or Lagrange point) telescopes	ebi	nttp.//pcs.nasa.gov/pcs=/eoc/v1	est	umnasa.pus.	PUSA_EB1	Discipline	0001_1043#_F05_1	Sitiali Boules	SOII	PUS SEN	Berristi	DiffSCIT at diffd.edd		2021-07-21	B. Hilseli	res		
geom	Geometry	The Geometry Dictionary contains classes, attributes, and rules for specifying the geometry parameters associated with science	geom	http://pds.nasa.gov/pds4/geom/v1	geom	um:nasa:pds:	PDS4_GEOM	Discipline	0001_NASA_PDS_1	Geometry	geo	PDS GEO Node	Edward Guinness, Mitchell Gordon	guinness at wunder.wustl.edu, mgordon@seti.org		2015-04-30	M. Gordon	Yes	res	$\neg$
img		observations.  The Imaging Dictionary contains classes, attributes, and rules for specifying the metadata associated with imaging and spectrometer data products.	img	http://pds.nasa.gov/pds4/img/v1	img	um:nasa:pds:	PDS4_IMG	Discipline	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	thare at usgs.gov		2012-04-03	S. Lavole	Yes	Yes	
img_surface	Surface Imaging	The Surface Imaging Dictionary contains classes, attributes, and rules for specifying the metadata associated with imaging and	img_surface	http://pds.nasa.gov/pds4/img_surface/v1	img_surface	um:nasa:pds:	PDS4_IMG_SURFACE	Discipline	0001_NASA_PDS_1	Imaging Surface	img_surface	PDS IMG Node	Trent Hare	thare at usgs.gov		2019-09-26	C. De Cesare	Yes	Yes	
mi msn	Machine Learning Classifier Mission Information	spectrometer data products of surface missions.  Machine Learning Classifier Discipline Local Data Dictionary The sub-directory for the Mission Information class namespace	ml msn	http://pds.nasa.gov/pds4/mission/ml/v1 http://pds.nasa.gov/pds4/mission/msn/v1	ml msn	urn:nasa:pds:	PDS4 ML PDS4 MSN	Discipline Discipline	0001 NASA PDS 1 0001_NASA_PDS_1	Machine Learning Generic Mission	img	PDS IMG Node	Mike McAuley Trent Hare	Michael.McAuley at jpl.nasa.gov thare at usgs.gov		2021-05-17 2016-10-07	M. McAuley	Yes Yes	Yes Ves	_
msn_surface	Commons Surface Mission Information	The Surface Mission Dictionary contains classes, attributes, and rules for specifying metadata elements which are specific to the	msn_surface	http://pds.nasa.gov/pds4/msn_surface/v1	msn_surface	urn:nasa:pds:	PDS4_MSN_SURFACE		0001_NASA_PDS_1	Mission Surface	msn_surface	PDS IMG Node	Trent Hare	thare at usgs.gov		2019-09-26		Yes	Yes	_
multi		rules for specifying metadata elements which are specific to the data products of surface missions but are common among multiple such missions.  The Multi dictionary contains classes that describe the	multi	http://pds.nasa.gov/pds4/multi/v1	multi	um:nasa:pds:	PDS4 MULTI	Discipline	0001 NASA PDS 1	Planetary Plasma	nni	PDS PPI Node	Joseph Mafi	imafi at izop.ucia.edu		2021-03-02	I Mafi	Yes	Yes	_
nucspec		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. The Nuclear Spectroscopy dictionary provides classes, attributes, and rules for describine the circumstances surrounding nuclear	nucspec	http://pds.nasa.gov/pds4/nucspec/v1	nucspec	urn:nasa:pds:	PDS4_NUCSPEC	Discipline	0001_NASA_PDS_1	Interactions	nucspec	PDS SBN/PSI	Jesse Stone	jstone at psi.edu		2020-10-06	Jesse Stone	Yes	Yes	
particle	Particle	spectroscopy observations.	particle	http://pds.nasa.gov/pds4/particle/v1	particle	urn:nasa:pds:	PDS4 PARTICLE		0001 NASA PDS 1	Planetary Plasma	nni	PDS PPI Node	Joseph Mafi	jmafi at igpp.ucla.edu		2015-04-24		Ver	Vor	
		composition of multidimensional particle data consisting of Array (and Array subclass) data objects.	-4-	http://pds.nasa.eov/pds4/pds/v1	-4.	urn:nasa:pds:	PDS4 PDS			Interactions  Operations		PDS EN Node	Farm Howker	Steve.Hughes at iol.nasa.gov		2012-04-03		Van		_
ppi	705 Ober Brook	Namespace for the Operations dictionary.  Namespace for the PPI node's dictionary.	ppi	http://pds.nasa.gov/pds4/ppi/v1	ppi	urn:nasa:pds:	PDS4_PPI	Discipline	0001 NASA PDS 1 0001_NASA_PDS_1	Planetary Plasma Interactions	ppi	PDS PPI Node	Joseph Mafi	jmafi at igpp.ucla.edu		2012-04-03	S. Hughes	Yes	Yes	
proc	·	The Processing_Information Dictionary contains detailed information regarding the history of processing performed on data product(s) in order to produce the current product.	proc	http://pds.nasa.gov/pds4/proc/v1	proc	urn:nasa:pds:	PDS4_PROC	Discipline	0001_NASA_PDS_1	Processing History	proc	PDS IMG Node	Trent Hare	thare at usgs.gov		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	http://pds.nasa.gov/pds4/rings/v1	rings	urn:nasa:pds:	PDS4_RINGS	Discipline	0001_NASA_PDS_1	Ring-Moon Systems	rings		Mitchel Gordon	mgordon at seti.org		2012-04-03		Yes	Yes	
sb	Dictionary	This dictionary will provide classes to support the documentation, support, discovery, and reuse of data from, by, and for small bodies research.  The Spectral (sp) Discipline Dictionary contains classes for	sb	http://pds.nasa.gov/pds4/sb/v1	sb	urn:nasa:pds:	PDS4_SB	Discipline	0001_NASA_PDS_1	Small Bodies	sbn	PDS SBN	Anne Raugh	araugh at umd.edu		2023-01-17	-	Yes	Yes	
sp		defining the spectral bin characteristics (in wavelength,	sp	http://pds.nasa.gov/pds4/sp/v1	sp	urn:nasa:pds:	PDS4_SP	Discipline	0001_NASA_PDS_1	Spectral	sbn	PDS SBN	Anne Raugh	araugh at umd.edu		2013-11-11	A. Raugh	Yes	fes	
speclib	Spectral Library	The Spectral Library Data Dictionary defines the metadata terms that describe laboratory spectral measurements, including	speclib	http://pds.nasa.gov/pds4/speclib/v1	speclib	um:nasa:pds:	PDS4_SPECLIB	Discipline	0001_NASA_PDS_1	Spectral Library	speclib	PDS GEO Node	Susie Slavney	slavney at wunder.wustl.edu		2017-05-15	S. Slavney	Yes	Yes	
survey	Survey	classification of the samoles measured.  The Survey dictionary provides classes, attributes, and rules for describing the circumstances surrounding sky survey observations.	survey	http://pds.nasa.gov/pds4/survey/v1	survey	urn:nasa:pds:	PDS4_SURVEY	Discipline	0001_NASA_PDS_1	Survey	survey	PDS SBN/PSI	Jesse Stone	jstone at psi.edu		2020-10-06	Jesse Stone	Yes	Yes	
Mission apolio	Apollo	The Apollo Mission Dictionary (apollo) contains classes, attributes and rules specific to the Apollo missions and their instruments.	mission/apollo	http://pds.nasa.gov/pds4/mission/apollo/v1	apolio	um:nasa:pds:	APOLLO	Mission	0001_NASA_PDS_1	APOLLO	geo	PDS GEO Node	Jennifer Ward	jgward at wustl.edu		2022-08-18	J. Ward	Yes	Yes	
bopps	Balloon Observation Platform for Planetary	Namespace for the BOPPS dictionary.	mission/bopps	http://pds.nasa.gov/pds4/mission/bopps/v1	bopps	um:nasa:pds:	BOPPS	Mission	0001_NASA_PDS_1	BOPPS	sbn	PDS SBN	Anne Raugh	araugh at umd.edu		2015-03-26	A. Raugh	Yes	Yes	-
clementine	Science 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 Million Concepts (contact M. St. Clair).	clementine	http://pds.nasa.gov/pds4/clementine/v1	clementine	urn:nasa:pds:	PDS4_CLEMENTINE		0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	thare at usgs.gov		2021-05-13		Yes	Yes	
clipper	clipper	The Europa Clipper mission dictionary contains classes that describe aspects of the Clipper mission and related instruments.	clipper	http://pds.nasa.gov/pds4/clipper/v1	clipper	um:nasa:pds:	PDS4_CLIPPER	Mission	0001_NASA_PDS_1	Imaging	img	PDS IMG Node	Trent Hare	thare at usgs.gov		2021-07-08	Trent Hare	Yes	fes	
	,	The Commercial Lunar Payload Services Mission Dictionary (clps) contains classes, attributes and rules specific to the CLPS missions and their instruments.		http://pds.nasa.gov/pds4/clps/v1	clps	urn:nasa:pds:	PDS4_CLPS		0001_NASA_PDS_1	Geo	geo	PDS GEO Node	Jennifer Ward	jgward at wustl.edu			Jennifer Ward	Yes	Yes	
dart	dart Hubble Space Telescope	This namespace provides classes specific to the NASA DART mission and, potentially, the concurrent LICIACube mission.  Namespace for the Hubble Space Telescope Mission Dictionary.	dart	http://pds.nasa.gov/pds4/dart/v1 http://pds.nasa.gov/pds4/mission/hst/v1	dart	urn:nasa:pds: urn:nasa:pds:	PDS4_DART PDS4_HST	Mission	0001_NASA_PDS_1	SBN Ring-Moon Systems	sbn	PDS SBN PDS GEO Node	Ben Hirsch Matthew Tiscareno	bhirsch1 at umd.edu matt at seti.org		2021-08-18	-	Yes	Yes	
hvb2		This is the Havabusa Z Mission Specific Data Dictionary.  Namespace for the Infrared Astronomical Satellite.	mission/hvb2	http://darts.isas.iaxa.ip/pds4/mission/hvb2/v1	hvb2	urn:laxa:darts: urn:nasa:pds:		Mission	0001_IAXA_DARTS_1 0001_NASA_PDS_1		darts		Yukio Yamamoto	vamamoto.vukio at iaxa.ip klope at psi.edi			Y Yamamoto	Yes	Yes	=
	Satellite	Namespace for the Infrared Astronomical Satellite.  Namespace for the Korea Pathfinder Lunar Orbiter(KPLO).	mission/kplo	http://pds.nasa.gov/pds4/mission/iras/v1 https://www.kari.re.kr/kpds	kplo	urn:kari:kpds	PDS4_KPDS		0001_NASA_PDS_1	kplo	kpds		Eunhyeuk Kim	eunhyeuk at kari.re.kr			Ioo Hyeon Kim		Yes	
insight ladee	Insight			http://pds.nasa.eov/pds4/mission/insiaht/v1 http://pds.nasa.gov/pds4/mission/ladee/v1		urn:nasa:ods: urn:nasa:pds:	PDS4 INSIGHT	Mission Mission	0001 NASA PDS 1 0001 NASA PDS 1		geo atm		Susie Slavnev Lyle Huber	slavnev at wunder.wustl.edu Ihuber at nmsu.edu		2015-04-25 2014-07-17	S. Slavnev L. Huber		Yes Yes	=
ladee	LADEE	Namespace for the Atmospheres Node's LADEE dictionary.	ladee	http://pds.nasa.gov/pds4/hadee/v1 http://pds.nasa.gov/pds4/hadee/v1 http://pds.nasa.gov/pds4/lcross/v1	ladee	urn:nasa:pds:	LADEE	Mission Mission	0001 NASA PDS 1	LADEE	atm	PDS ATM Node	Lyle Huber	Inuber at nmsu.edu Ihuber at nmsu.edu igward at wustl.edu		2014-07-17	L. Huber L. Huber Jennifer Ward	Yes	res Ver	_
	Lunar Trailblazer	Namespace for the Geo Node's Lunar Trailblazer dictionary.	mission/lt	http://pds.nasa.gov/pds4/lt/v1	lt .	urn:nasa:pds: urn:nasa:pds:	LT	Mission Mission	0001 NASA PDS 1	LT	geo	PDS GEO Node	Susie Slavney	slavney at wunder.wustl.edu		2022-02-16	S. Slavney		Yes Yes	_
mars2020	Mars 2020 Mission	Namespace for the Lucy Mission Dictionary.  Namespace for the Mars2020 Mission Local Data Dictionary	mission/mars2020		mars2020	urn:nasa:pds: urn:nasa:pds:	PDS4 MARS2020	Mission	0001 NASA PDS 1		geo	PDS GEO Node	Michael Kelley Susie Slavney	msk at astro.umd.edu slavney at wunder.wustl.edu		2023-01-31 2021-05-17	S. Slavney	Yes	Yes Yes	
mer	Mars Exploration Rovers	Namespace for the Mars Exploration Rovers dictionary.	mission/mer	http://pds.nasa.eov/pds4/mission/mer/v1	mer	urn:nasa:ods: urn:nasa:pds:	PDS4 MER	Mission	0001 NASA PDS 1		200	PDS GEO Node	Susie Slavnev Jennifer Ward	slavnev at wunder.wustl.edu igward at wustl.edu		2020-04-14 2023-08-08	S. Slavnev	Yes Yes	Yes Yes	-
mgs	Mars Global Surveyor	Namespace for the Mars Global Surveyor dictionary.	mission/mgs	http://pds.nasa.gov/pds4/mission/mgs/v1	mgs	urn:nasa:pds:	PDS4 MGS	Mission	0001 NASA PDS 1	MGS	img	PDS IMG Node	Trent Hare	thare at usgs.gov		2013-11-22	S. Lavole	Yes	res	=
mpf	Mars Pathfinder	Namespace for the Mars Pathfinder dictionary.	mission/mpf	http://pds.nasa.gov/pds4/mission/mpf/v1		urn:nasa:pds:		Mission	0001 NASA PDS 1			PDS IMG Node	Trent Hare	thare at usgs.gov		2015-08-04		Yes	res	

			mission/msl	http://pds.nasa.gov/pds4/mission/msi/v1	msl	urn:nasa:pds:	PDS4 MSL	Mission	0001 NASA PDS 1	MSL	geo			igward at wustl.edu		2023-01-25 J. Ward	Yes	Yes
	MAVEN MAVEN			http://pds.nasa.gov/pds4/mvn/v1	mvn mvn		PDS4 MVN			MVN	ppi ppi	PDS PPI Node	Joseph Mafi Joseph Mafi	jmafi at igpp.ucla.edu jmafi at igpp.ucla.edu		2015-06-03 J. Mafi	Yes Yes	Yes
mro	Mars Reconnaissance Orbiter	Namespace for the Mars Reconnaissance Orbiter.	mro	http://pds.nasa.gov/pds4/mro/v1	mro	urn:nasa:pds:	PDS4_MRO	Mission	0001_NASA_PDS_1	MRO	geo	PDS GEO Node	Jennifer Ward	jgward at wustl.edu		2022-09-29 J. Ward	Yes	Yes
ear	Near Earth Asteroid	Namespace for the Near Earth Asteroid Rendezvous Mission dictionary.	mission/near	http://pds.nasa.gov/pds4/mission/near/v1	near	um:nasa:pds:	PDS4_NEAR	Mission	0001_NASA_PDS_1	NEAR	geo	PDS GEO Node	Kristina Lopez	klopez at psi.edu		2022-06-01 Kristina Lopez	Yes	Yes
eas	Near Earth Asteroid Scout		mission/neas	http://pds.nasa.eov/pds4/mission/neas/v1	neas	urn:nasa:ods:	PDS4 NEAS	Mission	0001 NASA PDS 1 0001_NASA_PDS_1	NEAS	sbn	PDS SBN-PSI	Carol Neese	neese at osi.edu		2020-02-10 C. Nease	Yes	Yes
	Extended Missions	dictionary.	mission/nh	http://pds.nasa.gov/pds4/mission/nh/v1	nh	urn:nasa:pds:	PDS4_NH			NH	sbn	PDS SBN	Adeline Gicquel	agicquel at umd.edu		2022-03-23 A. Raugh	Yes	Yes
ody	2001 Mars Odyssey	Namespace for the 2001 Mars Odyssey dictionary.		http://pds.nasa.gov/pds4/mission/ody/v1		urn:nasa:pds:	PDS4 ODY	Mission	0001 NASA PDS 1	ODY OREX	sbn			politte at wunder.wustl.edu		2022-06-01 Daniel Politte	Yes	Yes
rco '	OSIRIS-Rex Venus Climate Orbiter	Namespace for the OSIRIS-Rex dictionary. The Venus Climate Orbiter Akatsuki Mission Local Data Dictionary	mission/orex mission/vco	http://pds.nasa.gov/pds4/mission/orex/v1 http://darts.isas.jaxa.jp/pds4/mission/vco/v1	vco	urn:nasa:pds: urn:jaxa:darts:	PDS4_VCO	Mission Mission	0001 NASA PDS 1 0001_JAXA_DARTS_1	DARTS	darts	PDS SBN-PSI DARTS	Carol Neese Shin-ya Murakami	neese at psi.edu murakami.shinya at jaxa.jp		2014-05-12 A. Raugh 2025-09-14 Shin-ya	Yes	Yes
	Akatsuki Mission Psyche mission	Namespace for the Psyche dictionary.	mission/psyche	http://pds.nasa.gov/pds4/mission/psyche/v1	psyche	urn:nasa:pds:	PDS4 PSYCHE	Mission	0001 NASA PDS 1	PSYCHE	sbn	PDS SBN-PSI	Carol Neese	neese at psi.edu		Murakami 2023-03-29 C. Neese	Yes	Yes
g1	Voyager 1	Namespace for the Voyager 1 Spacecraft dictionary.	mission/vg1	http://pds.nasa.gov/pds4/mission/vg1/v1	vg1	urn:nasa:pds:	PDS4 VG1	Mission	0001 NASA PDS 1		ppi	PDS PPI Node	Joseph Mafi	jmafi at igpp.ucla.edu imafi at igpp.ucla.edu		2023-03-29 C. Neese 2023-10-04 J. Mafi 2023-10-04 J. Mafi	Yes	Yes
igr .	Voyager	Namespace for the Voyager Mission dictionary.	mission/vgr	http://pds.nasa.gov/pds4/mission/vgr/v1	vgr	urn:nasa:pds:	PDS4 VGR	Mission	0001 NASA PDS 1 0001 NASA PDS 1 0001_NASA_PDS_1		rings	PDS Rings Node	Matthew Tiscareno	matt at seti.org		2022-05-19 M. Tiscareno	Yes	Yes
ikinglander	Viking Lander	The Viking Lander mission dictionary contains classes and attributes specific to the Viking Lander mission and its	mission/vikinglander	http://pds.nasa.gov/pds4/mission/vikinglander/v1	vikinglander	urn:nasa:pds:	PDS4_VIKINGLANDER	Mission	0001_NASA_PDS_1	VIKINGLANDER	geo	PDS GEO Node	Jennifer Ward	jgward@wustl.edu		2024-07-16 J. Ward	Yes	Yes
	Volatiles Investigating Polar	Instruments. The VIPER mission dictionary contains classes and attributes	antentary 6 days	http://pds.nasa.gov/pds4/mission/viper/v1			PDS4 VIPER	Mission	0001 NASA PDS 1	VIPER		PDS GEO Node	Madison Touran	mnhughes at wustl.edu		2023-04-15 M. Touran	Ver	V
	Exploration Rover	specific to the VIPER mission and its instruments.	missionyviper		wper	urn.nasa.pus.	_	MISSIOII		VIPER	Reo	PDS GEO NOGE					res	res
	BepiColombo	Namespace for the BepiColombo schema.	bc	http://psa.esa.int/psa/bc/v1	bc	um:esa:psa	PDS4_PSA_BC	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	smartinez at sciops.esa.int		2019-11-19 S. Martinez	Yes	No
oc_mtm_cam	BepiColombo	Namespace for the BepiColombo MCAM schema.		http://psa.esa.int/psa/bc/mtm/cam/v1	mcam	urn:esa:psa	PDS4_PSA_BC_MCAM	Mission	0001_ESA_PSA_1	bc	bc	bc	BepiColombo Science Ground Segment	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	No	No
oc_mpo_bel	BepiColombo	Namespace for the BepiColombo BELA schema.		http://psa.esa.int/psa/bc/mpo/bel/v1	bela	urn:esa:psa	PDS4_PSA_BC_MPO_BEL	Mission	0001_ESA_PSA_1				BepiColombo Science	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	Yes	No
oc_mpo_ber	BepiColombo	Namespace for the BepiColombo BERM schema.		http://psa.esa.int/psa/bc/mpo/ber/v1	berm	urn:esa:psa	PDS4_PSA_BC_MPO_BER	Mission	0001_ESA_PSA_1				Ground Segment BepiColombo Science	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	No	No
	BepiColombo	Namespace for the BeolColombo ISA schema.		http://psa.esa.int/psa/bc/mpo/isa/v1	les.	urn:esa:psa	PDS4 PSA BC MPO ISA	Missies	0001 ESA PSA 1				Ground Segment	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	N-	
	,			.,.,.	154			WISSIUII					Ground Segment	,			NO	NO
oc_mpo_mag		Namespace for the BepiColombo MPO-MAG schema.		http://psa.esa.int/psa/bc/mpo/mag/v1	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
oc_mpo_mer	BepiColombo	Namespace for the BepiColombo MERTIS schema.		http://psa.esa.int/psa/bc/mpo/mer/v1	mertis	urn:esa:psa	PDS4_PSA_BC_MPO_MER	Mission	0001_ESA_PSA_1				BepiColombo Science	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	No	No
oc_mpo_mgn	BepiColombo	Namespace for the BepiColombo MGNS schema.		http://psa.esa.int/psa/bc/mpo/mgn/v1	mgns	urn:esa:psa	PDS4_PSA_BC_MPO_MGN	Mission	0001_ESA_PSA_1				Ground Segment BepiColombo Science	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	No	No
oc_mpo_mix	BepiColombo	Namespace for the BepiColombo MDCS schema.		http://psa.esa.int/psa/bc/mpo/mix/v1	mixs	urn:esa:psa	PDS4_PSA_BC_MPO_MIX	Mission	0001_ESA_PSA_1				Ground Segment BepiColombo Science	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	No	No
	· .	Namespace for the BepiColombo MORE schema.			more		PDS4_PSA_BC_MPO_MRE	Mission	0001_ESA_PSA_1				Ground Segment			2019-11-19 M.S. Bentley	No	No.
	BepiColombo			http://psa.esa.int/psa/bc/mpo/mre/v1	more	urn:esa:psa		WIISSION					BepiColombo Science Ground Segment	Mark.Bentley at esa.int			INU	NO
oc_mpo_phe	BepiColombo	Namespace for the BepiColombo PHEBUS schema.		http://psa.esa.int/psa/bc/mpo/phe/v1	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
oc_mpo_srn	BepiColombo	Namespace for the BepiColombo SERENA schema.		http://psa.esa.int/psa/bc/mpo/srn/v1	serena	urn:esa:psa	PDS4_PSA_BC_MPO_SRN	Mission	0001_ESA_PSA_1				ReniColombo Science	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	No	No
oc_mpo_sim	BepiColombo	Namespace for the BepiColombo SIMBIO-SYS schema.		http://psa.esa.int/psa/bc/mpo/sim/v1	simbiosys	urn:esa:psa	PDS4_PSA_BC_MPO_SIM	Mission	0001_ESA_PSA_1				Ground Segment BepiColombo Science	Mark.Bentley at esa.int	-	2019-11-19 M.S. Bentley	No	No
	BepiColombo	Namespace for the BepiColombo SIXS schema.		http://psa.esa.int/psa/bc/mpo/six/v1	sixs	um:esa:psa	PDS4 PSA BC MPO SIX	Mission	0001 ESA PSA 1				Ground Segment BepiColombo Science	Mark.Bentley at esa.int		2019-11-19 M.S. Bentley	No	No
than1	Character and 1	Chandrayaan-1 mission dictionary	antentary fabruari	http://pds.nasa.gov/pds4/mission/chan1/v1	about .	urn:nasa:pds:	PDS4_CHAN1	Missies	0001_NASA_PDS_1	about 1		PDS GEO and PDS IMG	Ground Segment			2020-10-07 S. Slavney	Ver	V
nanz	Chandrayaan-1	Chandra ayaan-1 mission dictionary	missionychani	nttp://pus.nasa.gov/pus4/mission/cnan1/v1	Chanz	urn.nasa.pus.	PDS4_CHAN1	Wilssidii	UUUI_NASA_FUS_I	Chanz	Chanz	PDS GEO and PDS IMG	Susan Slavney	staviley at wurider.wustr.edu			res	res
m16	ExoMars16	Namespace for the ExoMars16 schema.	em16	http://psa.esa.int/psa/em16/v1	em16	urn:esa:psa	PDS4_PSA_EM16	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science	tlim at sciops.esa.int		2019-11-19 2019-11-19 T. Lim	Yes	No
m16_tgo_acs		Namespace for the ExpMars16 ACS Instrument schema.		http://psa.esa.int/psa/em16/tep/acs/v1		urn:esa:osa	PDS4 PSA EM16 TGO ACS	Meder	0001 ESA PSA 1	em16	em16		Operations Centre	dcola at scioos.esa.int		2019-11-19 D. Cola	Was.	
				.,	acs	um:esa:psa				em16	l .	em16	Operations Centre ExoMars16 Science				res	NO
m16_tgo_cas	ExoMars16	Namespace for the ExoMars16 CaSSIS Instrument schema.		http://psa.esa.int/psa/em16/tgo/cas/v1	cas	urn:esa:psa	PDS4_PSA_EM16_TGO_CAS	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science Operations Centre	tlim at sciops.esa.int		2019-11-19 T. Lim	Yes	No
m16_tgo_nmd	ExoMars16	Namespace for the ExoMars16 NOMAD Instrument schema.		http://psa.esa.int/psa/em16/tgo/nmd/v1	nmd	urn:esa:psa	PDS4_PSA_EM16_TGO_NM	Mission	0001_ESA_PSA_1	em16	em16	em16	ExoMars16 Science	tlim at sciops.esa.int		2019-11-19 T. Lim	Yes	No
em16_tgo_frd	ExoMars16	Namespace for the ExoMars16 FREND Instrument schema.		http://psa.esa.int/psa/em16/tgo/frd/v1	frd	urn:esa:psa	PDS4_PSA_EM16_TGO_FR	Mission	0001_ESA_PSA_1	em16	em16	em16	Operations Centre ExoMars16 Science	dcoia at sciops.esa.int		2019-11-19 D. Cola	Yes	No
							D						Operations Centre	tlim at sciops.esa.int tlim at sciops.esa.int		2019-11-19		
emrsp	ExoMarsRSP	Namespace for the ExoMarsRSP mission schema.	emrsp	http://psa.esa.int/psa/emrsp/v1	emrsp	um:esa:psa	PDS4_PSA_EMRSP	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp		tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
emrsp_rm	ExoMarsRSP	Namespace for the ExoMarsRSP Rover Host schema.		https://psa.esa.int/psa/emrsp/rm/v1	rm	urn:esa:psa	PDS4_PSA_EMRSP_RM	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	Operations Centre ExoMarsRSP Science	tlim at sciops.esa.int		2019-11-19 T. Lim	Yes	No
emrsp_rm_nav	ExoMarsRSP	Namespace for the ExoMarsRSP NavCam Instrument schema.		https://psa.esa.int/psa/emrsp/rm/nav/v1	nav	urn:esa:psa	PDS4_PSA_EMRSP_RM_NA	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	Operations Centre ExoMarsRSP Science	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
emrsp rm loc	F-mbf-suPED	Namespace for the ExpMarsRSP LocCam Instrument schema.		https://psa.esa.int/psa/emrsp/rm/loc/v1	1	urn:esa:osa	V PDS4 PSA EMRSP RM LO	Marian	0001 ESA PSA 1	emrsp	emrsp	emrsp	Operations Centre	tlim at sciops.esa.int		2019-11-19 T. Lim	N-	N-
		,			ioc		c			,			Operations Centre				NO	NO
emrsp_rm_pan		Namespace for the ExoMarsRSP PanCam Instrument schema.		https://psa.esa.int/psa/emrsp/rm/pan/v1	pan	urn:esa:psa	PDS4_PSA_EMRSP_RM_PA N		0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
emrsp_rm_ise	ExoMarsRSP	Namespace for the ExoMarsRSP ISEM Instrument schema.		https://psa.esa.int/psa/emrsp/rm/ise/v1	ise	urn:esa:psa	PDS4_PSA_EMRSP_RM_ISE	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
mrsp_rm_clu	ExoMarsRSP	Namespace for the ExoMarsRSP CLUPI Instrument schema.		https://psa.esa.int/psa/emrsp/rm/clu/v1	clu	urn:esa:psa	PDS4_PSA_EMRSP_RM_CL	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
emrsp_rm_wis	ExoMarsRSP	Namespace for the ExoMarsRSP WISDOM Instrument schema.		https://psa.esa.int/psa/emrsp/rm/wis/v1	wis	urn:esa:psa	PDS4_PSA_EMRSP_RM_WI	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp		tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
emrsp_rm_arm		Namespace for the ExoMarsRSP ADRON_RM Instrument schema.		https://psa.esa.int/psa/emrsp/rm/arm/v1	arm.	urn:esa:psa	S PDS4_PSA_EMRSP_RM_AR	Mirrion	0001_ESA_PSA_1	emrrn	emrsp	emrsp	Operations Centre ExoMarsRSP Science	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
		Namesnace for the EvoMarsRSP MaMISS Instrument schema					M						Operations Centre	tlim at scions esa int				
emrsp_rm_mis				https://psa.esa.int/psa/emrsp/rm/mis/v1	mis	urn:esa:psa	PDS4_PSA_EMRSP_RM_MI S		0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre			2019-11-19 T. Lim	NO	NO
emrsp_rm_mic		Namespace for the ExoMarsRSP MicrOmega Instrument schema.		https://psa.esa.int/psa/emrsp/rm/mic/v1	mic	urn:esa:psa	PDS4_PSA_EMRSP_RM_MI		0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science Operations Centre	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
emrsp_rm_mom	ExoMarsRSP	Namespace for the ExoMarsRSP MOMA Instrument schema.		https://psa.esa.int/psa/emrsp/rm/mom/v1	mom	urn:esa:psa	PDS4_PSA_EMRSP_RM_M	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	ExoMarsRSP Science	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
mrsp_rm_rls	ExoMarsRSP	Namespace for the ExoMarsRSP RLS Instrument schema.		https://psa.esa.int/psa/emrsp/rm/rls/v1	ris	urn:esa:psa	OM_ PDS4_PSA_EMRSP_RM_RLS	Mission	0001_ESA_PSA_1	emrsp	emrsp	emrsp	Operations Centre ExoMarsRSP Science	tlim at sciops.esa.int		2019-11-19 T. Lim	No	No
uice	JUICE mission	Namespace for the JUICE mission schema.	juice	http://psa.esa.int/psa/juice/v1	juice	urn:esa:psa	PDS4_PSA_JUICE	Mission	0001_ESA_PSA_1	juice	juice	juice	Operations Centre JUICE Science Operations	-	-+	2024-08-05 T. Cornet	Yes	No
oten mete			juice gala	http://psa.esa.int/psa/juice/gala/v1		urn:esa:psa	PDS4_PSA_JUICE GALA	Mission	0001_ESA_PSA_1	hites.		luice	Centre JUICE Science Operations			2024-08-05 T. Cornet		N-
		,	,	.,,	ganà			rviisSION		juice	juice	juce	Centre				INU	INO
uice_janus .	JUICE JANUS Instrument	Namespace for the JUICE JANUS Instrument schema.	juice_janus	http://psa.esa.int/psa/juice/janus/v1	janus	urn:esa:psa	PDS4_PSA_JUICE_JANUS	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations Centre			2024-08-05 T. Cornet	Yes	No
uice_jmc .	JUICE JMC Instrument	Namespace for the JUICE JMC Instrument schema.	juice_jmc	http://psa.esa.int/psa/juice/jmc/v1	jmc	urn:esa:psa	PDS4_PSA_JUICE_JMC	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations			2024-08-05 T. Cornet	No	No
uice_majis .	JUICE MAJIS Instrument	Namespace for the JUICE MAJIS Instrument schema.	juice_majis	http://psa.esa.int/psa/juice/majis/v1	majis	urn:esa:psa	PDS4_PSA_JUICE_MAJIS	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations			2024-08-05 T. Cornet	Yes	No
				http://psa.esa.int/psa/juice/navcam/v1	navcam	urn:esa:osa	PDS4 PSA JUICE NAVCAM	Mission	0001 ESA PSA 1	juice	luice		Centre JUICE Science Operations		-+	2024-08-05 T. Cornet	No	No
-			,	.,.,.						,	,	f	Centre					
- 1			juice_rime	http://psa.esa.int/psa/juice/rime/v1	rime	urn:esa:psa	PDS4_PSA_JUICE_RIME	Mission	0001_ESA_PSA_1	juice	juice		JUICE Science Operations Centre			2024-08-05 T. Cornet	NO	NO .
uice_swi .	JUICE SWI Instrument	Namespace for the JUICE SWI Instrument schema.	juice_swi	http://psa.esa.int/psa/juice/swi/v1	swi	urn:esa:psa	PDS4_PSA_JUICE_SWI	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations Centre			2024-08-05 T. Cornet	No	No
uice_uvs .	JUICE UVS Instrument	Namespace for the JUICE UVS Instrument schema.	juice_uvs	http://psa.esa.int/psa/juice/uvs/v1	uvs	urn:esa:psa	PDS4_PSA_JUICE_UVS	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations			2024-08-05 T. Cornet	No	No
uice_radem .	JUICE RADEM Instrument	Namespace for the JUICE RADEM Instrument schema.	juice_radem	http://psa.esa.int/psa/juice/radem/v1	radem	urn:esa:psa	PDS4_PSA_JUICE_RADEM	Mission	0001_ESA_PSA_1	juice	juice	juice	Centre JUICE Science Operations			2024-08-05 J.S. Oliveira	No	No
	JUICE 3GM Instrument		juice 3gm	http://psa.esa.int/psa/juice/3gm/v1	3gm	urn:esa:psa	PDS4 PSA JUICE 3GM	Mission	0001 ESA PSA 1	juice	luice		Centre JUICE Science Operations		-+	2024-08-05 J.S. Oliveira	No	No
		· ·			-6""			aana1			parties.	,t	Centre					
	JUICE HAA Instrument	Namespace for the JUICE HAA Instrument schema.	juice_haa	http://psa.esa.int/psa/juice/haa/v1	naa	urn:esa:psa	PDS4_PSA_JUICE_HAA	Mission	0001_ESA_PSA_1	Juice	juice	juice	JUICE Science Operations Centre			2024-08-05 J.S. Oliveira	NO	NO .
		Namespace for the JUICE JMAG Instrument schema.	juice_jmag	http://psa.esa.int/psa/juice/jmag/v1	jmag	urn:esa:psa	PDS4_PSA_JUICE_JMAG	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations			2024-08-05 J.S. Oliveira	No	No
uice_rpwi .	JUICE RPWI Instrument	Namespace for the JUICE RPWI Instrument schema.	juice_rpwi	http://psa.esa.int/psa/juice/rpwi/v1	rpwi	urn:esa:psa	PDS4_PSA_JUICE_RPWI	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations			2024-08-05 J.S. Oliveira	No	No
sice_pephi .	JUICE PEPHI Instrument	Namespace for the JUICE PEPHI Instrument schema.	juice_pephi	http://psa.esa.int/psa/juice/pephi/v1	pephi	urn:esa:psa	PDS4_PSA_JUICE_PEPHI	Mission	0001_ESA_PSA_1	juice	juice	juice	Centre JUICE Science Operations		+	2024-08-05 J.S. Oliveira	No	No
	II II/CE DEBI O Instrume=*	Namespace for the JUICE PEPLO Instrument schema.		http://psa.esa.int/psa/juice/peplo/v1	nanin		PDS4_PSA_JUICE_PEPLO	Mirrion	0001_ESA_PSA_1	luice	luica	luice	Centre JUICE Science Operations			2024-08-05 J.S. Oliveira	No	No.
ice_peplo .	AND PEPED III DIGITALITY		juice_peplo		pepto	urn:esa:psa		re-aSIUII		juce	juste	june	Centre				140	
ice_pride .	JUICE PRIDE Instrument	Namespace for the JUICE PRIDE Instrument schema.	juice_pride	http://psa.esa.int/psa/juice/pride/v1	pride	urn:esa:psa	PDS4_PSA_JUICE_PRIDE	Mission	0001_ESA_PSA_1	juice	juice	juice	JUICE Science Operations Centre			2024-08-05 J.S. Oliveira	No	No
eld For Future															-			

dph		Namespace for the DPH Example products dictionary.	dph	http://pds.nasa.gov/pds4/dph/v1	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	http://pds.nasa.gov/pds4/geo/v1	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	http://pds.nasa.gov/pds4/naif/v1	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	http://pds.nasa.gov/pds4/rs/v1	rs	urn:nasa:pds:		Discipline	0001 NASA PDS 1	Radio Science	rs	PDS RS Node	Richard Simpson	radiosci at att.net		2012-04-03	S. Hughes		
sbn		Namespace for the Small Bodies node's dictionary.	sbn	http://pds.nasa.gov/pds4/sbn/v1	sbn	urn:nasa:pds:	PDS4 SBN	Discipline	0001 NASA PDS 1	Small Bodies	sbn	PDS SBN	Anne Raugh	araugh at umd.edu		2012-04-03	S. Hughes		
wave	Wave	The Wave dictionary contains classes that describe the	wave	http://pds.nasa.gov/pds4/wave/v1	wave	urn:nasa:pds:	PDS4 WAVE	Discipline	0001 NASA PDS 1	Planetary Plasma	ppi	PDS PPI Node	Joseph Mafi	jmafi at igpp.ucla.edu		2015-04-24	T. King	Yes	Yes
		composition of multidimensional wave data consisting of Array					_	1		Interactions	1								
		(and Array subclass) data objects													1 1				

(1) therepose it is defined in the PSDs information headed. It is a second contained for a logical grouping of classes and attributes and is assigned by the steward. Namespace will select mapped to the namespace prefix defined in XMI. documents.

(1) The diseasement all used to crease a little for a mission with discovery receivements.

(2) The diseasement and interest contained in XMI. documents.

(3) The diseasement and interest contained in XMI. documents.

(4) The diseasement and interest contained in XMI. documents.

(4) The diseasement and interest contained in XMI. documents.

(5) The PSD Changes contained and contained in XMI. documents.

(6) The SSEward Load field indicates the lead entity within the stewardship group. This entity and the members of the group can change as needed. The steward is should not change.