

PDS/NSSDC Deliveries

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PDS Delivery Status Overview

- Overall delivery system running smoothly.
- Back-end (delivery and AIP generation) – No reported problems.
- Ongoing effort to define PDS/NSSDC interface for PDS4 ingest.

PDS Large Volume Deliveries

- NSSDC's 60 TB NAS currently at Imaging Node to support large delivery.
- Data "Toasters" good up to 9-12 TBs, 2 TB Data Bricks used for smaller deliveries.
- Received Geosciences data brick delivery, processing in progress.
- NSSDC connection to Science and Engineering Network (SEN, or Internet2) pending. Necessary hardware has been received, not all installed yet.
- NSSDC expects to participate in iRODS file transfer, tested out installation.

PDS NSSDC Delivery Status

November 25, 2013 (Since 2009)

Node	Outstanding ID Requests	Volumes XMAN ready	Deliveries Received	Distinct Volumes Received	Volume Deliveries Pending
Atmospheres	24	707	15	699	8
Geosciences	2	4656	7	3997	659
Imaging	1	1403	5	1336	67
NAIF	0	23	3	20	3
PPI	2	371	11	345	26
Rings	0	15	2	14	1
SBN-PSI	0	343	27	309	34
SBN-UMD	0	275	17	271	4

Total	29	7793	87	6991	802
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Delivery Schedule

Node	Date	# of Volumes	Total Size (GB)
Atmospheres	2013 - 09		200
	2013 - 12		200
	2014 - 03		200
	2014 - 06		300
Geosciences	TBD	TBD	TBD
Imaging	2013 - TBD		~100,000
NAIF	2013 - 11	18	400
PPI	2013 - 12	50	100
Rings	2013 - 12	2	40
	2014 - 03	114	700
	2014 - 06	51	470
	2014 - 09	3	4
Small Bodies / MD	2013 - 09	9	15
	2014 - 02	~50	~50
	2014 - 04	11	~100
	2014 - 06	4	~2000
	2014 - 08	2	<1000
Small Bodies / PSI	2013 -12	5	2
	2014 - 03	26	22
	2014 - 06	3	530

Accumulating Data Sets

Budget cuts to NSSDC had made it difficult for us to archive large accumulating data sets from PDS. NSSDC is working on solutions (e.g. SEN/iRODS) to accept data sets for instruments producing large amounts of data.