



Atmospheres Discipline Node

PDS MC Presentation

August 16

Reta Beebe
Nancy Chanover
Lyle Huber

Topics to be Discussed

- Mission Updates
- Node Activities
- Planned Accomplishments for Near Future

Mission Status – Mars – MRO & MAVEN

- MRO/MCS data ingested for June 1 release
 - Plans to deliver a complete recalibration have been discussed for the next delivery
- MAVEN Data Management Plan draft is currently under review.

Mission Status – Mercury, Venus & Moon

- MESSENGER MASCS is also planning a recalibration of their entire UVVS data set (this is commendable as calibrations change with time and hindsight results in improved datasets). Discussions have been held for planning the review and release. The file organization of UVVS data will also be redone so as to reduce the large number of files from the current version.
- VEX interoperability site is completed. Outside users are seeking ATMOS assistance. IPDA must address how users access the sites (i.e. how do we include in transparent search routines?)
- LADEE and ATMOS continue to work together to develop the DMAP and an MOU. Plans for SPICE usage have been considered and contacts with NAIF have been set up. Budgets, etc. still to be determined.

Mission Status – Outer Planets

- Juno instrument teams are circulating copies of rough drafts of SIS's and ATM is working closely with the instrument teams to refine these documents. There is a Science Team meeting in Denver 9/1 – 9/3. The DAWG component not firmly scheduled yet. Huber may attend.
- Cassini July 1 delivery to PDS is complete. UVIS is in the process of delivering a complete recalibration but have hit a snag.
- L. Esposito (UVIS) has started writing a user's handbook.

Older Mission Data

- Galileo UV data was recalibrated and submitted to ATM by Karen Simmons. This was funded by HQ data retrieval.
- Peer review was conducted in late June 2010.
- Simmons and ATM now working out lien removals. Should be completed by end of August.
- Her next effort will be Mariner 6 and 7, once the data have been pulled off the punch cards.

ATM-EN Activities

- Participated in Data Design Working Group, including F2F meeting
- Continuing to work on NSSDC data transfer
- Taking part in Mission Interface Working Group

Other Activities

- L. Neakrase supervised two undergraduate students in Summer 2010 who are working on the PDS3-to-PDS4 transition. They assisted Neakrase in generating XML labels for PDS4 Node exercises.
- Beebe served on Giant Planets panel for Solar System Decadal Review. All panels have sent their contributions to the Steering Committee. The report is in writing stage to be followed by EXTENSIVE review. What survives and what gets priority is anyone's guess. For further information go to:

http://sites.nationalacademies.org/SSB/CurrentProjects/ssb_052412

Planned Near-Term Accomplishments

- Get Reta healthy – which is coming along. The ablation procedure has greatly reduced atrial fibrillation and blackouts. Hopefully when healing and scarring has completed, full blockage will have been achieved.