

# **Small Bodies Node**

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**MC Face-to-Face Meeting  
Westwood, California  
26,27 August 2014**

# Mission/Restoration Highlights.

## PDS4 missions

- **OSIRIS-Rex**

- *Status, Archive Development, etc.:* SBN currently supporting product and label design and development in preparation for product design reviews.
- *Upcoming releases:* N/A
- *Peer reviews:* OCAMS, OVIRS, OTES, and OLA raw and calibrated data product design reviews planned for later in 2014.

- **LADEE-LDEX**

- *Status, Archive Development, etc.:* First hundred days of science mission have been through peer review, certified, and posted with minor liens. They are currently in liens resolution.
- *Upcoming releases:* Remaining data from extended mission planned to be reviewed and released in Nov. 2014.
- *Peer reviews:* First hundred days of data were reviewed and certified with minor liens on June 30, 2014

- *Issues, Concerns :* None

# Mission/Restoration Highlights.

## PDS3 missions

- **Dawn**

- **Status, Archive Development, etc.:**
  - *Mars and Cruise data still in liens resolution except GRaND L1a, which is archived.*
  - *Vesta L1a and L1b data all archived except GRaND L1b.*
  - *Vesta Gravity L-0 and GRaND higher level products reviewed and currently in liens resolution*
  - *FC, VIR, and Gravity Vesta higher level products not submitted yet*
- **Upcoming releases:** *Depends on progress of liens resolution. Gravity L-0 is looking like it may be done soon.*
- **Peer reviews:** *GRaND Vesta L1b delivery for peer review expected soon.*
- **Issues, Concerns :** *Progress is slow but continuing for some products, imperceptible for others.*

- **New Horizons**

- **Status, Archive Development, etc.:** *Pluto-Cruise I data were reviewed in January; SWAP data were released; other in lien-resolution; REX data from the start of the mission were reviewed on August 19.*
- **Upcoming releases:** *Pluto-Cruise I by the end of the year*
- **Peer reviews:** *Pluto-Cruise II will be reviewed in October*

# Non-mission activity

- Staffing issues including FTE required to support working groups and tiger Teams
  - *Anne Raugh: varies from 15% to 95% of her time*
  - *Ed Shaya : 10 hours per month*
  - *Tony Farnham: 1 day per month*
- Software
  - What we use for PDS4
    - *Oxygen or Eclipse to edit*
    - *EN tools for validation and dictionary generation*
    - *AMES tool for O-Rex label and local dictionary design*
  - What we have developed at our node
    - *READPDS for PDS4 (beta version)*
    - *a couple of local scripts to deal with trying to use EN tools in a production environment.*
  - What we (and the user community) need
    - *training materials*
      - *simple visualization tool that works on all products and is easily installable on "all" platforms (like NASAVIEW)*
      - *open source editor as good as Oxygen*
    - *good user documentation for EN tools and service software*
    - *modification and packaging of EN tools to be used in a production environment at the nodes.*
- **Migration.** We have migrated about 14 datasets to the current (1.2.0.1) PDS4 standards (test migration, not a permanent one). Most of these require:
  - *the **geometry dictionary** which is not released and still in active development,*
  - *modifications currently in the development queue for the next release,*
  - *resolution of conflicts with definitions and requirements in the current release of the **imaging dictionary.***