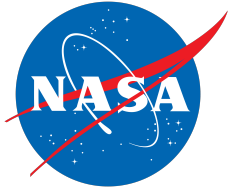


# **PDS4 Tech Session**

## **LADEE Lessons Learned**

**L. Huber**  
**Atmospheres Node**

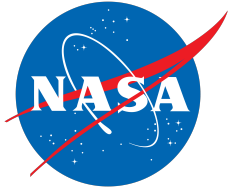




# LADEE Archive Summary



- ✧ **LADEE had 3 instruments:**
  - ✧ **NMS (Neutral Mass Spectrometer) and UVS (Ultraviolet Spectrometer) at ATM**
  - ✧ **LDEX (Lunar Dust Experiment) at SBN/Dust**
- ✧ **NMS and UVS each consist of one bundle with raw, calibrated and derived collections.**
- ✧ **LDEX consists of one bundle with reduced, calibrated and housekeeping collections.**
- ✧ **All products for all 3 instruments are ASCII Tables which were the easiest type of product for PDS4 to support at that stage of PDS4 development.**

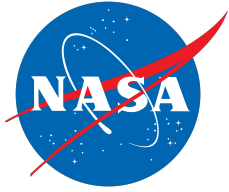


# LADEE Archive Procedures



- 1) Make EARLY contact with mission and instrument teams.**
- 2) Get them on your side.**
- 3) Understand what kind of products they expect to deliver.**
- 4) Based on that knowledge, build XML templates for them to start planning their pipeline.**
- 5) Review sample products and SISs.**
- 6) Lather, rinse and repeat.**
- 7) Hold peer review.**
- 8) Correct liens.**
- 9) Run through Validate.**
- 10) Correct any more liens.**
- 11) Stage bundles, run through Harvest and Register.**

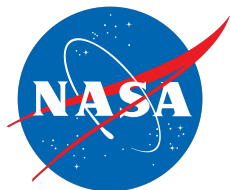




# Tools Needs



- ✧ Preliminary template design is done using Oxygen.
- ✧ During (and after) review, Validate Tool is used.
- ✧ One instrument used an LDD, although LDDTool was not really operational at the time we needed it. We are planning to go back to verify that the LDD is properly designed.



# Possible inclusion or Backup

