NSSDCA - PDS

From Stef and Pat

Items from First Day of PDS Tech Session

There was discussion about when bundle versions change; if collections are referenced by LID only, there is no need to increment the bundle version when a collection is updated. A follow-up question is when bundles go to NSSDCA; there have been conflicting directions from NSSDCA, which need to be clarified.

From the First Day 2

NSSDCA is not aware of any criteria for scheduling deliveries of PDS4 bundles. The MOU only states that copies of validated data will be passed to NSSDCA for long-term archive. So, what interval provides a reasonable safety net? NSSDCA will be happy to discuss this with individual nodes. When a bundle is delivered, NSSDCA advises changing the bundle product version even though the bundle product itself has not been modified.

Guinness asked whether files in directories that are not part of the PDS4 bundle/collection will be flagged as errors; this is important because some migration scenarios place PDS4 labels into PDS3 data sets, and the old PDS3 labels would remain in place whether incorporated into the PDS product or not. Simpson and Raugh expressed somewhat different views on whether PDS4 archives have required structures and file/directory names. Hughes said he liked a suggestion made by Slavney that unexplained files be identified with informational messages (not errors or wanrings). Huber asked whether PDS has an obligation to send NSSDCA copies of PDS4 archives if the data have already been archived under PDS3. Simpson noted that NSSDCA us our backup; we should back up our PDS4 holdings even if the data files have already been backed up once before under PDS3. Crichton suggested an action item for future discussion. Raugh said SBN intends to make its PDS4 migrations *better* than original PDS3 holdings, so they have few reservations about backing up both.

From the First Day 2

NSSDCA ingests data files identified in the SIP manifest. NSSDCA will not be aware of extraneous files that are not part of a PDS4 product. Any 'flagging' must occur at the node. PDS4 bundles need to be delivered to NSSDCA even if the data were previously delivered in PDS3 volumes. Any departure from that practice would require an update to the MOU.