**Liens for NH Alice data**

\*nh-p-alice-2-pluto-v2.0/catalog/dataset.cat

\*nh-p-alice-3-pluto-v2.0/catalog/dataset.cat

slot vs. slit – when describing histograms where Pluto and Charon were in the “slot” in Data Set Overview within the following sections:

PC\_AIRGLOW

PC\_VISUV\_MAP

PC\_Multi\_Map

***Please define the slot is the narrow “stick of the lollipop” of the slit.***

\*nh-x-alice-2-plutocruise-v2.0/catalog/dataset.cat

\*nh-x-alice-3-plutocruise-v2.0/catalog/dataset.cat

\*nh-p-alice-2-pluto-v2.0/catalog/dataset.cat

\*nh-p-alice-3-pluto-v2.0/catalog/dataset.cat

In Data section of the file, in Note #1 there is a typo remaining.

“ALICE has the capabillity to store histogram data to instrument-internal storage,…”

***“capabillity” is misspelled. Please correct.***

\*Pluto occultation data – in dataset.cat:

nh-p-alice-2-pluto-v2.0/

nh-p-alice-3-pluto-v2.0/

Early statement in the file:

--- UNOCC\_SUN

Unocculted sun observation.

A series of different exposures, 1 histogram for each, at 1, 10, 100,

and 1000 seconds. This is a histogram instead of pixellist, but

otherwise, it uses the same orientation, observation setup, and same

instrument parameters (voltage, etc) as P\_OCC, which will be delivered

in a future dataset.

So, I expect that the occultation data do not appear in data set, but…

Later in the dataset.cat file, there is a list of additional observations that are included in the data set and one Pluto occultation sequence is listed on 7-14-15:

PEAL\_01\_Pocc 2015-07-14 2015/269 2015/272 Pluto Occultation

PEAL\_01\_PoccEgress 2015-07-14 2015/267 2015/275 Pluto Occultation

In the document/seq\_alice\_pluto.tab file, the Pocc and PoccEgress observations are listed as well:

Pocc: 2015-07-14T12:15:27; 0299182045

PoccEgress: 2015-07-14T12:53:13; 0299184311

but actual filenames, with MET, for the first file in each observation block appear to be:

ALI\_0299182055\_0X4B3\_ENG.FIT

ALI\_0299184404\_0X4B1\_ENG.FIT

Why the mismatch in the filenames and start time information in the documentation?

***It is now understood from the discussion in the room that the sequence table identifies windows of observation, listed by the start time of the window, and does not list the exact timing of the occultation and egress exposure start. Just make sure that this is clearly noted and that they are listed by blocks.***

\*I was able to look at VISUV\_MAP data where there were 9x600 sec histograms. I could read them in with PDS IDL software, readpds, and access the extensions of the fits file. I used information from the labels to get the heliocentric distance. Unit and label information looked to be in good shape. When manipulating the data, the narrow and wide part of the slit looked as expected, including the extra Ly-a bleed in the SOCC. Reasonable I/F values could be calculated using an estimated solid angle.

***No liens here.***

\*calib/ directory and/or calinfo.txt in all 4 datasets

***It would be useful to have a file stating the per pixel solid angle along the 32 rows of the slit, i.e. the solid angle of the slot vs. the SOCC. Please add a file to this extent if possible or note the solid angle values in some other file.***