

Minutes of LN/I3 Planning Meeting

Dec 3, 2015 - 16:30 CET (8:30 MST)

(last updated 5dec2015)

Attendees:

- MPIA: Thomas Bertram, Kalyan Santhakumari, Frank Kittmann, Tom Herbst
- INAF-P: Maria Bergomi, Valentina Viotto, Luca Marafatto, Jacopo Farinato, Carmelo Arcidiacono, Marco Dima
- LBT: Al Conrad, James Howard, Robert Reynolds

We briefly reviewed the summary that Maria provided:

http://wiki.lbto.org/pub/Instrumentation/LnLabAivPage/GWS_I3.pdf

and then immediately switched to answering questions:

1. Bedrooms

Four bedrooms are needed (3 + 1 for INAF-P + MPIA). The summit activities that overlap with I3 are: DX AdSec work, science, plus whatever unplanned needs come up. We don't anticipate any problem, but, as always: No guaranteed bedrooms and the final word must come from Christian if there is a conflict.

2. Floor Plan

We reviewed the I3 conceptual layout provided by Robert before the meeting:

<http://wiki.lbto.org/pub/Instrumentation/LnLabAivPage/i3labFloorPlan03dec2015.pdf>

Some changes were proposed. After the meeting, and following his conversation with Guido, Robert produced a revision that factors in those recommendations and also shows the location of AdSec components that will be outside the tent during hub reintegration:

<http://wiki.lbto.org/pub/Instrumentation/LnLabAivPage/i3labFloorPlan04dec2015.pdf>

3. Electronics

After DX is aligned and mapped, it will be un-cabled from the electronics rack and rolled out of the clean room (N.B. – any activity that involves opening the double doors to the hi-bay must be coordinated with the AdSec team). Then the SX will be rolled in and cabled to the electronics rack.

4. Big Box

The box containing the SX GWS (which was removed from container E), should be taken to base camp and re-stored in container E after the sensor have been unpacked (approx. half way through I3).

5. Damage Inspection

Any damage inspection of SX GWS will have to be done during I3 (it was not done during I2). So far the only equipment found to have been damaged after shipment has been the Sterling Cooler.

6. Mapping

The equipment needed for the mapping includes: tripod, digital camera, lens, test plate, and laptop configured with the camera software. The possible whereabouts of each was discussed. There is a more recent mapping ticket on trac (#1341) than the one Al provided before the meeting (#1138). That ticket contains the latest mapping document. That version is now on the LBT wiki as well:

http://wiki.lbto.org/pub/Instrumentation/LnLabAivPage/SX_GWS_SE_Mapping.pdf

7. Workshop

Workshop activities that require assistance from LBT day crew are best scheduled for Monday-to-Thursday.

8. Networks and Computers

a. Support for I3

The networking needs for I3 are modest. The I3 set-up is self-contained in the clean room. The team will use their own computer. It will be configured to talk to the electronics rack for rotator, SE, and other MoCon functions. No additional table is needed (as shown in the first floor plan) because the keyboards and monitors and laptops can be set-up on the flow bench.

b. LN Infrastructure

In addition to supporting the I3 activities, Frank will work on the final LN computing and network infrastructure. LBT requests that this effort be documented in the ICD before work starts. This is the main item missing in the ICD; as discussed last June and described on this page of the wiki:

<http://wiki.lbto.org/bin/view/Instrumentation/LnIcdRev4chap72notes>

9. AdSec Communications Test

A possible test of GWS/BCU communication to the AdSec via the fastlink is foreseen. This would be the same as the test that was performed during PF/T3 in 2013. For this test it would be necessary to use the LN port on the AdSec switch BCU which has so far been in use for ARGOS. The effort to provide a separate port for ARGOS is not complete. See issueTrac 5275

https://lbt.issuetrak.com/CSIssue_View.asp?IssueNbr=5275

Date of Next Meeting: 19-jan-2015