

## Minutes of LN/LBT Planning Meeting

May 23, 2016 – 16:30 CET (6:30 MST)

(Last updated 23may2016 – 11:00 AM)

### Attendees:

- MPIA: Thomas Bertram, Tom Herbst, Kalyan Kumar Radhakrishnan Santhakumari, Martin Kürster
- INAF: Carmelo Arcidiacono
- LBT: Al Conrad, Julian Christou

### 1. Plans for I-8

- a. Tom, Kalyan, and Carmelo arrive on the summit Thursday afternoon.
- b. Al will join some of the days, probably starting Friday (commuting from Safford).
- c. Jürgen will arrive this weekend.
- d. The connection test to the AdSec will be lead by Carmelo. It is a primary goal for I-8. Al will work with engineering to complete the necessary fiber connection (IT #5975).
- e. [Update since the meeting: We would like to schedule a time to bring interested staff to the summit for an LN demo. Will be discussed at WPC this Wednesday]

### 2. Guiding and Acquisition

- a. Thomas will get together with Frank Kittmann next week to start on a document describing LN guiding and acquisition plans.
- b. The PEPSI doc that LBT suggests using as a template, and related material, are on the LBT wiki:  
<http://wiki.lbto.org/bin/view/Instrumentation/LnAcqGuidingPage>
- c. Possibly Al and Thomas can meet to discuss progress during I-10, but it should not interfere with the instrument tests. A time during cryostat warm-up might work.

### 3. Commissioning Plan mini-review

- a. We set a date for this review: Tuesday, July 12<sup>th</sup>. 3 hours, 16:30 – 19:30 CEST
- b. Al should arrange for participation of external reviewers (e.g., Dave T. (??))
- c. Tom will provide the plan in PDF format beforehand.

### 4. Service connections on the Instrument Platform

- a. The cables and hoses are on 3-lower at the summit. Al and Tom will confirm late this week.
- b. We should schedule the work on the telescope during I-10 to take advantage of Werner being here (for the cooling hoses) and Uli being here (for the power cables).
- c. Al will propose June 17 as the date for this work at the next WPC meeting. [Update from discussion with Christian after the meeting: The 17<sup>th</sup> is a Friday so that is not a good day staff-wise. Hand-over is late, being summer, so a day between the 11<sup>th</sup> and 16<sup>th</sup> would be better.]
- d. For the fiber connections, the details are in the ICD. Thomas and Al will

work to find the specific figures and tables that specify these connections. Once this is done, Al will work with John Little and Leroy to schedule a time to make the fiber connections.

5. Plans for I-10
  - a. Participants will be: Peter B., Thomas, Werner, Uli, and Florian
  - b. Final end-to-end testing of the instrument is planned
6. Plans for I-11
  - a. This will be discussed during Christian's visit next week (starts Monday, 30-May-2016)
  - b. Updates from discussion with Christian after the meeting:
    - i. The approximate needs before and after installation (for planning bedrooms, telescope restrictions, etc) are as given in the Gant presented at PAE:  
[http://wiki.lbto.org/pub/Instrumentation/LnLNPaePage/InstPlan\\_V3\\_I11.pdf](http://wiki.lbto.org/pub/Instrumentation/LnLNPaePage/InstPlan_V3_I11.pdf)
    - ii. Al will Skype in for the discussion in Heidelberg on Monday 30-May-2016, starting at 16:00 CEST (7:00 MST).
7. Beyond I-11 ...
  - a. Tom and Christian discussed plans for LN beyond I-11 on the summit during I-9.
  - b. A pre-commissioning run will take place for aligning LN to the telescope. This visit will require 8-10 days and approx. 2 half nights. November, 2016, is likely the time frame for this visit.
  - c. Then during LBTB runs in December and January, approx. 8 half nights to begin commissioning will take place.
  - d. All told, 30 full nights are planned. This will likely be approx. 7.5 per semester for the 4 semesters 2017-AB, 2018-AB (all TBC).