

Minutes of L-N/LBT Regular Teleconference

Sep 17, 2015; 17:00 – CEST (08:00 MST)

Attendees:

- MPIA: Martin Kürster, Tom Herbst, Thomas Bertram, Ralph Hofferbert, Harald Baumeister, Arnim Wolf
- LBT-Tucson: James Howard, Al Conrad, Jim Wiese, Dave Ashby, Jonathon Kern
- LBT-Summit: John Little, Jeff Urban

(last updated 28sep2015)

1. AdSec Update

Dave summarized the situation with the adaptive secondary mirrors since the glycol leak that occurred on 29-Aug-2015. Both units are in the clean room. The SX is being inspected to be sure that a similar event will not occur with that unit. A second test stand is being shipped from Arcetri so that the SX unit can be refurbished and re-installed while work to separate the shell from the reference body continues in parallel on the DX unit. The DX unit will remain on the summit until the shell has been separated from the reference body. Following that, the best venue for further work (e.g., LBT or Tucson) will be determined. More details will be provided by the observatory to those impacted by the on-going work on the AdSecs (the distribution will include the LN PI and LN project management).

2. Plans for I2

a. Crane operations at Base Camp

The week of 26-30 Oct. is still seen as the most likely period during which the crane will be needed. [Since the meeting we received an update that we now believe it will come earlier (e.g., the week of 19-23 Oct.)] We will receive 3 days notice. The “low boy” truck for the big box will be available.

b. Customs broker logistics

The necessary paperwork is being handled by Louise (LBT), Sandy (Suarez), Arnim (MPIA), and Stephanie (Schenker).

c. Who is coming when?

7 persons on 8-Nov-2015 and 2 persons on 10-Nov-2015. Also, Martin and Arnim will be at base camp when the big box and containers arrive.

d. Coordination with LUCI

The proposed telecon to discuss coordination with LUCI has been deferred. It's better to wait until we know more about the state of the AdSecs. An email thread will be initiated in the meantime.
[Post-meeting change: As of this writing a teleconference between LBT/LUCI/LN planners is tentatively set for Monday 05.oct.2015]

e. UIAP

No showstoppers were identified; fabrication can begin. Although a phased approach (that would allow testing the interfaces during I2, but possibly leave out some features like handrails and the grating) might become necessary, the current plan is still to have the complete UIAP fabricated in time for testing during I2.

f. Power and cooling in the mountain lab

John reviewed what is available (30amp/120V/UPS/single-phase and 15amp/208V/UPS/3-phase). Tom questioned total power. John agreed to send an email to the LN team with the details of the available power sources so that Lars can double-check before I2.

g. Other LBT Readiness topics:

- i. Bolts – We established 6-7 Oct for the prep work (e.g., spot facing) and 12-Nov-2015 for the installation. The latter date was chosen close to the installation date (16-nov-2015) to minimize the number of days with the exposed bolts in place (because they will constitute a trip hazard).
- ii. Food – Martin is gathering the orders of those requesting frozen dinners. Martin has received request from two team members so far and given the deadline of 30.sep.2015 to receive all requests.

3. Other Topics

a. ICD release

Al will check the green items. The red items do not need to be checked.

b. PAE action item review: A7, A18, + other selected items.

- A7 = Send step file of laser scan [done]
- A18 = Design UIAP ladder attachment => not needed for I2.

- c. Follow-up from 19.jun.2014 PAE doc revisions (A34 – A41)
Work can now begin on these procedures. The work to dismantle in preparation for shipping provided needed information.
 - d. Preliminary planning for I3
This trip, to align the 2 GWS, will be carried out by 3 from Padua plus Frank Kittman. It is still scheduled for 10-28 Jan 2015.
 - e. Board resolution re possible upgrade paths after Lean-MCAO
Tom presented the wide field proposal at the STC meeting (8-Sep Notre Dame). Discussion followed (including input from LBT). The board will take this up at their meeting in early October.
4. Date of next teleconference: ***Wednesday, 07-Oct-2015***