

# Minutes of Teleconference on ALMA OSF Holography Planning

Friday, February 17th 2006, 15:30 UTC.

(Minutes written 2006-02-17)

**Participants:** Beasley, Emerson (chair), Eschwey, Janes, Lucas, Mangum, Michalski, Murowinski, Perfetto, Sramek, Webber, Wootten.

## AGENDA:

1. Previous Action Items
2. The schedule
3. New Action items

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The Previous Action Items were listed in the minutes of the January 20 meeting (see [http://www.tuc.nrao.edu/~demerson/osfholo/mins2006-01-20\\_2.pdf](http://www.tuc.nrao.edu/~demerson/osfholo/mins2006-01-20_2.pdf) )

### Previous Action Items:

1. Antonio will work with Clint on the interface between BE and the holography receiver.
  2. An ICD is needed for the new holography transmitter – Antonio.
  3. Dick Sramek will check on the availability of laser synthesizer at the OSF, as a backup to the holography transmitter system. The new transmitter is not dependent on that, but will consist of a frequency synthesizer with multipliers.
  4. Dick will confirm that IPS captures the logic of the sequence of ATF tests, with the critical milestone of holography hardware delivery in September 2006, followed by shipment to Chile 3 months after the start of the tests.
  5. Jeff Mangum will confirm with Robert Lucas that a tolerance of 300 +/-10 meters is a reasonable goal for the range from each antenna to the holography tower.
  6. Tony Beasley takes on network topology responsibility at the OSF.
  7. The schedule: this needs more work. This is primarily Rick's responsibility.
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1. Antonio has been working closely with Clint on the BE interface. A draft SOW from the BE is already prepared, and some comments received are being incorporated. Clint will circulate the document.
  2. Antonio is working on various ICDs. The goal is to have the ICDs finished and accepted by April 15 2006.

3. Dick confirmed that the laser synthesizer was still at the ATF, but a quick check is still needed to confirm that it could be used either at the OSF or ATF.
4. IPS and sequence of tests. There was a good deal of discussion and confusion over the overall holography schedule, especially for the deadlines for hardware delivery both at the ATF and the OSF. Rick now assumes full responsibility for the holography schedule – see below.
5. Yes, 300 +/-10 m is a good number.
6. Tony has it in hand.
7. **The schedule.** As became apparent at this meeting, there is a good deal of confusion over the schedule and the necessary deadlines. Hardware delivery first to the ATF, and then to the OSF, may be needed somewhat earlier than was reported last month. Rick will circulate a document with his understanding of what's needed where and when, for comment by the group. This scribe is sufficiently confused that he will wait for Rick's document rather than attempting to summarize the situation within these minutes.

#### **New Action Items**

1. **Clint and Antonio continue to work together on the interfaces.** The BE SOW will be circulated shortly.
2. **Antonio will ensure that all ICDs will be approved by April 15 2006.**
3. **Dick will arrange a short test to ensure the laser synthesizer still works.**
4. **Rick will circulate a schedule, within one week of today's meeting, for comment by the group. Any necessary revisions will be completed before our next teleconference.**
5. **The next teleconference will be in about 2 weeks. Darrel will set this up.**

These minutes will eventually appear, together with other relevant information, at <http://www.tuc.nrao.edu/~demerson/osfholo/>.

DTE, 2006-02-17.