

Minutes for AMiBA Engineering Telecom 20070321, UTC 1:00

Regular Meeting Time: UTC 1:00 Every Thursday

USA Dial-in = 1-877-505-6247; passcode 8339148 #; mod_code 2917771 #

Outside USA Dial-in = 1 630 693 3224

- Mount operation:
 - ACU-HPC stop:
 - MTC proposes to repeat the problem by placing the hub or cable back. Just to identify the source. (low priority)
 - On-source flag (OSF):
 - High-elevation and az=0 crossing will cause OSF missing.
 - A Boss will stop if OSF is not set. Michael is going to make the timestamp in log file more accurate to cross check events.
 - Backward transformation error:
 - Now happens more often. Need to consult Vertex.
- Testing on site:
 - IF power alignment:
 - Derek and Peter will continue IF alignment of 2nd and 3rd section in corr box on Thu and Fri.
 - Radio alignment:
 - 13 scans were taken for radio alignment, but most data were not usable due to some error in scripting. And all DEC scans (constant RA) do not work because of OSF missing.
 - Dish/Rx/Platform tilt:
 - Pablo reported dish-rx tilt at most 1'; rx-platform tilt at most 1'.
 - The cause of dish-rx tilt. (Bolt? Top plate? Dish itself?) It is a concern for 1.2m dish.
 - Inconsistent with Prot'y's radio alignment result? (check pending)
 - Ground pickup:
 - The ground pickup was plotted. Large variation are related to large DC offset. This may be a different hardware issue, i.e. not ground pickup.
- General site issue:
 - Expect the emergency generator to arrive the first week of May.
 - Road work. The road to MLO will be closed from 7.30am to 4.30pm everyday.
- 1.2m Dish:
 - On-going. (Ted has placed order to Cotech. The 1st dish is expected to come 3 months later. However, Cotech projects with a schedule of 4 dishes every 2 months after the first one.)
- Rx:
 - New rx chambers from NanJou are finished. Will proceed with vacuum test next week.
 - Still need to work with Prof. Chu's student on new IF/LO module.
- Calibration/Observing strategy:
 - Main plan for next week is to study the secondary calibrators. (tracking)
- 13 element:
 - CT will spend more time on the RO board.
 - Johnson will contact the vendor of mixer.
 - Ted reports first two dishes (25kg) will come in 3 months.

Traveling Schedule to Hilo:

ASIAA Hawaii: <http://pmo.asiaa.sinica.edu.tw/Hilo%20office/>

AMiBA Website: <http://amiba.asiaa.sinica.edu.tw/>

Distribution List:

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Please contact MTC for managing this mailing list