

# VLBI teleconference, 22 March 2012

**10.30 Perth, 13.30 Eastern Summer Time, 15.30 New Zealand (02.30 UT)**

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Meeting ID: 8211

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds, Hayley Bignall, John Morgan (Curtin); Tasso Tzioumis, Chris Phillips, Phil Edwards (CASS Marsfield); Brett Reid, Jamie McCallum, Joe Dawson (UTas); Jamie Stevens (CASS Narrabri); Oleg Titov (Geoscience Australia)

Apologies: Steven Tingay (Curtin)

## Agenda

- Debrief from last LBA session and tests
  - ATNF
  - Tid
  - UTas
  - NZ
  - Hart
  - Curtin
- Planning for next VLBI session
  - 26 April - 2 May 2012
    - Schedules
    - Telescopes
    - Observers
  - General comments
- Reports from observatories & correlator(s)
- News from AuScope
- e-VLBI developments/demos
  - official e-VLBI demo to Hobart
  - e-VLBI to Korea

- ASKAP network?
- Future of Data transfer?
- Report from LBA annual meeting, February 2012
- Report from VLBA time allocation meeting
- Next DIFX Developers Meeting
- Mixed Band Testing
- LBA monitoring issues
  - Ceduna GPS-maser data
- Review of [Actions from last meeting 13 December 2011](#)
- Any other issues

## Actions arising

### CARRIED FORWARD/UPDATED/CONTINUING

- Consolidation of the LBA Archive to include all ATNF + Swinburne + Curtin correlated LBA data. Should also add in eVLBI output data. Maintain complete archives at Curtin and ATNF (ATNF/Curtin)
  - ATNF to develop online access to this archive (ATNF) - **Continuing**
  - **Arrange ATOA on-line access to archive (ATNF)**
- Copy LBA data archive from Curtin to ATNF (Curtin, Chris) **continuing**
- Transfer of LBA archive from Curtin to ATNF needs route. Firewall issues? (Chris, Shaun)
- Guidelines for phasing the atca more often during vlbi observations (ATNF) - **to be revisited**
  - Try automatic pcal via schedules on atca (Jamie S)
  - test time for K-band tied-array phase tests at ATCA (Jamie, Richard)
- Implement upgrade for programmable cable changes on VLBI DAS. (Chris, Jamie S) **continuing**
  - Contact Peter Mirtchin re DAS remote cabling changes via VSIC (Tasso)
- Investigate/implement mixed mode correlation (64 MHz & 4 x 16 MHz) at Curtin correlator (Cormac, Chris) **continuing**
- Proposal for VLBI with GMRT for next round (All) **continuing**
- Need to train observers for all antennas as more remote observing is anticipated (Tasso) **continuing**
- Investigate Rx for Methanol at ASKAP. Very desirable and usable. (Tasso)

### NEW ACTION ITEMS

- CABB test version records no Tsys. Need to fix before LBA session. Consult with WEW.(Jamie)
- ATCA timing offset between DAS1 and DAS2 with Huygen's cable. Align before session (Jamie)
- VSIC needs rewiring before tests (Chris, Jamie)
- Large (hours) single data files in last session. Software written to split. Need to transfer split files (Chris)
- DASPRO needs changing on wiki to reflect current practice (Chris, Cormac)
- Need ASKAP data to Curtin for mixed mode correlator tests (Tasso, Chris)

- Problems at Ho due to power failure of UPS. May help to have better integration of observing during sessions (UTas, ATNF)
- Clock problems in Cd continuing. Need attention. (All)
  - Check finer sampling for GPS-Hmaser data (Brett)
  - Check with WEW re any H-maser issues in Cd (Tasso)
  - Email Anton Pavlenko in Russia re H-maser issues (Brett)
  - Organise Russian visit if necessary. (May also check MRO H-maser). (Tasso, Brett)
  - Compare Ho Russian H-maser- GPS with Cd results. Look at IVS data. (Brett, Oleg)
- Get Mk5 disks to AuScope stations for LBA session (ATNF)
- Brazil e-VLBI (Tasso)
- VPAK trnasfers. Sam Morrison till July 2012. Future? (Tasso)
  - Open Ho ports to VPAK (UTas)
- Organise next DiFX meeting in September (Chris)
- Participation in Haystack e-VLBI workshop 22-24 October (All)
- MWA is decommissioning XRAID chassis. Acquire some for spare and extra set at Narrabri (Chris, Jamie)

Next meeting: 23 April 2012

From:

<http://www.atnf.csiro.au/vlbi/dokuwiki/> - **ATNF VLBI Wiki**

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2012mar22>

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