

# VLBI teleconference, 22 May 2012

**11.30 Perth, 13.30 Eastern Standard Time, 15.30 New Zealand (03.30 UT)**

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Meeting ID: 0824

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds, Hayley Bignall (Curtin); Tasso Tzioumis, Chris Phillips, Phil Edwards, John Reynolds (CASS Marsfield); Jamie Stevens (CASS Narrabri); Shinji Horiuchi (CASS Tidbinbilla)

Apologies: Steven Tingay (Curtin)

## Agenda

- Debrief from last LBA session and RadioAstron obs
  - ATNF
  - Tid
  - UTas (+ AuScope)
  - NZ
  - Hart
  - Curtin
- Planning for next VLBI session(s)
  - RadioAstron observations
  - ATCA/Mopra/Tid 32GHz observations
  - September LBA session
- Reports from observatories & correlator(s)
- News from AuScope
- e-VLBI developments/demos
- Future of Data transfer?
- VLBA time allocation update
- Next DIFX Developers Meeting

- Next e-VLBI/VLBI workshop. Haystack 22-24 October. Followed by Back-end compatibility testing.
- Review of [Actions from meeting on 22 March 2012](#) and [Actions from meeting on 23 April 2012](#)
- 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)
- Investigate/implement mixed mode correlation (64 MHz & 4 x 16 MHz) at Curtin correlator (Cormac, Chris) **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)
- CABB test version records no Tsys. Need to fix before LBA session. Consult with WEW.(Jamie)
- Clock problems in Cd continuing. Need attention. (All)
- Brazil e-VLBI (Tasso)
- VPAK trnasfers. Sam Morrison till July 2012. Future? (Tasso)

### NEW ACTION ITEMS

- For Mk5 observations at Parkes 2 people are not enough. Need more observers (GA, CASS)
- Storage needs at antennas (ATNF)
- Wiki logs from ASKAP (Chris)
- Need RTFC to Tid (Chris, Shinji)
- 32 GHz VLBI tests
  - Check for frequency offsets at ATCA. Talk to engineers. (Jamie)
  - 32 GHz radiator at ATCA?
  - Do Tid-Mp-ATCA tests
  - Do Mp-Tid pilot test?
- Check Mk5b channels at Parkes and compare with Hart (Chris, Jonathan)
- Tests on 16 TB Mk5 modules at UTas as issues at AuScope antennas (Jamie McCallum)

- Radioastron support at Parkes for August 24? (Phil)
- Test and commission new VSIC remote operation. (Chris)
  - Mp already done. Implement at Parkes.
- Commission Cd L-band system (UTas)
- Procure Xcube systems ? (CASS)

#### STANDING ACTION ITEMS

- Organise next DiFX meeting in September 2012 (Chris). Participate (All)
- Participation in Haystack e-VLBI workshop 22-24 October (All)

Next meeting: 16 August 2012

From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2012may22>

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