

VLBI teleconference, 13 December 2011

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

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Meeting ID: 1774

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds, Hayley Bignall, John Morgan (Curtin); Shaun Amy, Tasso Tzioumis, Chris Phillips, Phil Edwards (CASS Marsfield); Simon Ellingsen, Jim Lovell (UTas); Jamie Stevens (CASS Narrabri); Richard Dodson (UWA)

Apologies:

Agenda

- Debrief from last LBA session and tests
 - ATNF
 - Tid
 - UTas
 - NZ
 - Hart
 - Curtin
- Planning for next VLBI session
 - March 6-11 2012
 - Schedules
 - Telescopes
 - Observers
 - General comments
- Reports from observatories & correlator(s)
- e-VLBI developments/demos
 - official e-VLBI demo to Hobart
 - e-VLBI to Brazil
 - ASKAP network?

- Future of Data transfer?
- Proposed LBA annual meeting, February 2012
 - Agenda discussion
- Review of [Actions from last meeting 08 November 2011](#)
- Any other issues
 - Next DIFX Developers Meeting
 - Mixed Band Testing
 - Report form eVLBI workshop in South Africa
 - News from AuScope
 - LBA monitoring issues
 - Cd Mk5C + dBBC

Actions arising

CARRIED FORWARD/UPDATED

- 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)
- Implement upgrade for programmable cable changes on VLBI DAS. (Chris, Jamie S) **continuing**
 - Contact Peter Mirtchin re DAS remote cabling changes via VSIC (Tasso)
- Update Parkes VLBI notes on Wiki (Jamie, JER, Tasso)
 - Mk5 notes for Parkes on Wiki (Chris, JER, Tasso)
 - Parkes Calibration notes (JER, Ettore)
- 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**
- Organise e-VLBI demo with Brazil (Tasso)
- eVLBI demo to Korea at K-band (Chris)
- LBA monitoring problems due to ares issues at UTas (Jamie M) **** continuing**
 - Need to find alternative access.

NEW ACTION ITEMS

- Ceduna issues persisting. (UTas)
 - Evaluate results of test with Rb vs H-maser at S-band during LBA session (UTas, CASS, Curtin)

- Check with NZ re issues with Ww drives (Tasso)
- Implement larger filesizes for recording (1 minute) since number of files is impacting the PB store (Chris, Jamie)
- Need correlator report on telescope performances before March session (Curtin)
- Need ASKAP data from Nov session. Disk needs to be sent to MRO and data copied (Tasso, Chris)
- Investigate Rx for Methanol at ASKAP. Very desirable and usable. (Tasso)
- Check and delete old VTxxx data at Mp and At (Chris)
- Check if UTas has full 10G connection to campus (Simon)
- Progress GMRT vlbi tests (ATNF, Curtin)
- Graham Jenkins is leaving VPAK. need to make new arrangements. Check with VPAK systems manager Craig West (Tasso)
- Test new DiFX fixes for mixed-band mode. (Cormac)
- Participate in doodle poll for next DiFX meeting. Sydney? (all)
- Comments on LBA monitoring to Jamie (all)
- Auto pcal tests on ATCA (Jamie)
- test time for K-band tied-array phase tests at ATCA (Jamie, Richard)
- Remind Shaun re extra disks for LBA archive. (Tasso)
- Ceduna to get new MK5C + dBBC and Ho 26m a MK5B. Need to integrate Mk5 monitoring into LBA. (UTas, Jamie S.)
- Check with AARNet re network access to MRO for March (Tasso)
- Next LBA annual operations meeting in Marsfield on 21-22 Feb 2012 for full 2 days. To include networking session and VLBA 1/2 day (Tasso)
 - need text re VLBA discussion (Cormac)
 - Check with Phil Diamond and Steven Tingay re VLBA access (Tasso)
 - Check for AARNet participation (Tasso)

Next meeting: LBA operations meeting. 21-22 February 2012. CASS at Sydney.

From:

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

Permanent link:

<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2011dec13>

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