

VLBI teleconference, 08 November 2011

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

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Meeting ID: 9364

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds, Hayley Bignall, John Morgan, Hayden Rampadarath, Divya Palaniswamy (Curtin); Shaun Amy, Tasso Tzioumis, Chris Phillips, Yiannis Gonidakis (CASS Marsfield); Jamie McCallum, Brett Reid, Simon Ellingsen, Stas Shabala (UTas); Jamie Stevens (CASS Narrabri); Oleg Titov (GA); Shinji Horiuchi (CASS Tid); Tim Natush (AUT)

Apologies: Phil Edwards (CASS); Steven Tingay (Curtin)

Agenda

- Planning for next VLBI session
 - 10-15 November 2011
 - Schedules
 - Telescopes
 - Observers
- March 6-11 2012
- General comments
- Reports from observatories & correlator(s)
 - ATNF
 - UTas
 - Curtin
 - Tid
 - NZ
 - AuScope
 - Hart
- VLBI SSP review report

- e-VLBI developments/demos
 - official e-VLBI demo to Hobart
 - e-VLBI to Brazil
 - ASKAP network?
- Proposed LBA annual meeting, February 2012
- Impact on LBA of proposed ATNF changes
 - Parkes changes
 - Parkes Rx rationalisation
 - IVS observations
 - Parkes 12m developments
 - Parkes long-term
 - Mopra operations changes
 - short term implications
 - long term MP for LBA?
- * Review of [Actions from last meeting 07 September 2011](#)
- Any other issues

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**
- 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**
- Try automatic pcal via schedules on atca (Jamie S)
- Need to train observers for all antennas as more remote observing is anticipated (Tasso) **continuing**
- Organise e-VLBI demo with Brazil (Tasso)

NEW ACTION ITEMS

- Mixed-mode correlation is becoming critical issue for LBA. Needs to be brought up at DiFX meeting in December (Chris, Cormac, Tasso) **done**
- LBA monitoring problems due to ares issues at UTas (Jamie M)
- Ceduna issues persisting. (UTas)
 - Check station clock (Brett, Stas)
 - 1pps phase jumps. H-maser? Check with Russians (Brett)
 - Persistent phase jumps at all bands. Try test with Rb vs H-maser at S-band during lba session (Utas, CASS, Curtin)
- Issues for next LBA session **all completed**
 - Mp back from 64MHz (Narrabri)
 - ASKAP ready at X-band. Need operations notes on Wiki (Tasso)
 - Liaise with Hart re schedules and rtfc (Chris, Cormac)
 - Prepare for rtfc with Mk5 at Ww and Hh (Chris, Cormac)
 - Prepare Ww for session (AUT)
- eVLBI Demo to Hobart. (Ho, Ww, Mp) for 23/11/11. **Postponed again**
- eVLBI demo to Korea at K-band (Chris)
- Inputs to CASS changes to operations at Mopra and Parkes. Some on ATUC forum. LBA notes to be prepared. Deadline 30 Nov 11(Tasso) **completed**
- Next LBA annual operations meeting in Marsfield. Best common week with no conflicts is 20-25 Feb 2012. Pick 2-3 days in the middle of that week. (Tasso)
 - Include session for VLBA discussion (Cormac)

Next meeting: Tuesday 13 December 2011. 13:30 Sydney summer time (0230 UT)

From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2011nov08>

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