

VLBI teleconference, 07 September 2011

12.00 Perth, 14.00 Eastern Summer Time, 16.00 New Zealand (04.00 UT)

Phone:

Vic:	03 9545 8222
NSW:	02 9490 8022
ACT:	02 6276 6622
Qld:	07 3214 2311
WA:	08 6436 8844
SA:	08 8273 8122
NT:	08 8944 8488
Tas:	03 6232 5188

Meeting ID: 3824

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds, Hayley Bignall (Curtin); Tasso Tzioumis, Chris Phillips, Phil Edwards (CASS Marsfield); Jamie McCallum, Brett Reid (UTas); Jamie Stevens, Yiannis Gonidakis (CASS Narrabri)

Apologies: Shinji Horiuchi (Tid - report provided); Simon Ellingsen (UTas); Shaun Amy (CASS)

Agenda

- Debrief from recent VLBI sessions (July-August 2011)
 - 20-26 July 2011
 - 12-15 August 2011
- Reports from observatories & correlator(s)
 - ATNF
 - UTas
 - Curtin
 - Tid
 - NZ
 - AuScope
 - Hart
- Planning for next VLBI session(s)
 - 10-15 November 2011
 - Schedules
 - Telescopes
 - Observers
- March 6-11 2012
- General comments

- e-VLBI developments/demos
 - official e-VLBI demo to Hobart
 - e-VLBI to Brazil
 - ASKAP network?
- * Review of [Actions from last meeting 18 July 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**
- 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**
- Follow-up of zoom-modes for VLBI on atca (Jamie, Tasso) **Continuing**
- Feed-back on tied-array operation (correlator)
- Report on possible persistent frequency problem at Cd (correlator)
- Ww issues at X-band such as pointing to be addressed (AUT)
- Get AuScope fix for Elevation encoder drift to NZ and Parkes (Jim)
- Try automatic pcal via schedules on atca (Jamie S)
- Investigate sideband separation at atca (weak fringes seen on inversion) (Chris, Cormac, Jamie)
- Need to train observers for all antennas as more remote observing is anticipated (Tasso) **continuing**
- Transfer of LBA archive from Curtin to ATNF needs route. Firewall issues? (Chris, Shaun)

NEW ACTION ITEMS

- Need 1 Gbps access to Mk5b unit at Parkes. (Chris, Shaun)
- Acquire 3 TB portable eSATA disks for vlbi data transfers (e.g. ASKAP) (Tasso, Chris)

- Check Mk4 formatter at Hobart for large (~10 usec) clock jumps on 16 MHz bands (UTas)
- Clarify mode-settings and channel ordering on the Mk5b at Parkes. May need tests with drudg and/or test-tone+autocorrelation (Chris)
- Check with AUT group re Ww issues with DBBC and X-band pointing (Tasso)
- Ask PIs to check Wiki-pages for final setup verification (Cormac, Phil)
- Trial shipping of MK5 disks from Parkes and Tid to Hobart for e-transfers (Chris, Shinji)
- Verify polarisation status of Tid 70m receivers at S and X (Tasso, Shinji)
- Organise e-VLBI demo with Brazil (Tasso)
- Check on e-VLBI demo to Hobart (Tasso, Chris, Simon)
- Provide Tsys recording info as per Tingay email (Chris)

Next meeting: 08 November 2011, 13:30 Sydney summer time.

From:

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

Permanent link:

<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2011sep07?rev=1320144259>

Last update: **2015/12/18 16:39**

