

VLBI teleconference, Tuesday 11 September 2012

12:00 Perth, 14:00 Eastern Standard Time, 16:00 New Zealand (04:00 UT)

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Meeting ID: 4840

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds, Hayley Bignall (Curtin); Tasso Tzioumis, Chris Phillips, Phil Edwards, Giannis Gonidakis, John Reynolds (CASS Marsfield); Jamie Stevens (CASS Narrabri); Shinji Horiuchi (CASS Tidbinbilla); Brett Reid, Bev Bedson, Mac?? (UTas Ceduna); Jamie McCallum, Joe Dawson, Stas Shabala (UTas)

Apologies: Steven Tingay (Curtin)

Agenda

- Planning for next VLBI session(s)
 - September 15-19, 2012 LBA session
 - Schedules
 - Telescope support
 - Fringe testing
 - Observers
 - Disks
 - L-band Cd testing
 - ASKAP support
 - AuScope participation
 - Wiki logs
 - Any other issues
- Upcoming RadioAstron observations
- ATCA/Mopra/Tid 32GHz test observations?
- 9-16 November 2012 LBA session
- 14-21 March 2013 LBA session.

- Future of Data transfer.
- News and Reports from observatories & correlator(s)
- e-VLBI developments/demos
- Future plans: LBA wide-banding?
 - telescope issues
 - correlator issues
 - e-VLBI
- Next DIFX Developers Workshop 24-28 September, CSIRO, Sydney.
- Next e-VLBI/VLBI workshop. Haystack 22-24 October. Followed by Back-end compatibility testing.
- Next LBA operations/technical/eVLBI meeting. Hobart 12-13 February 2013??
- Review of [Actions from meeting on 16 August 2012](#)
- AOB

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)
 - Arrange ATOA on-line access to archive (ATNF)
 - Copy LBA data archive from Curtin to ATNF (Curtin, Chris)
 - Transfer of LBA archive from Curtin to ATNF needs route. Firewall issues? (Chris, Shaun)
 - Check with Vince re grid-ftp (Tasso, Chris)
 - Push e-VLBI archive to Curtin (Chris)
 - Phasing the ATCA often during vlbi observations (ATNF)
 - Try automatic pcal via schedules on atca (Jamie S)
 - test time for K-band tied-array phase tests at ATCA (Jamie, Richard)
 - Implement automatic re-phasing of tied array at ATCA (Jamie, Chris)
 - Warn PIs to re-phase array in schedules. Need 2-3 mins (Phil)
 - 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)
 - Brazil e-VLBI (Tasso)
 - VPAK transfers. Future? (Tasso)
 - Evaluate effort for data Xfers to Petabyte store. Include UTas, NZ and South Africa (Chris, Jamie, Cormac)
 - Need RTFC to Tid (Chris, Shinji)
 - Train Shinji? (Chris)

- For Mk5 observations at Parkes 2 people are not enough. Need more observers (GA, CASS)
- Storage needs at antennas (ATNF)
- 32 GHz VLBI tests
 - Check for frequency offsets at ATCA. Talk to engineers. (Jamie)
 - 32 GHz radiator at ATCA?
 - testing?
- Check for Cd stability improvements after fixed H-maser. (Bad internal connections?) (Brett)
- Commission Cd L-band system. Underway. (UTas)
- Mixed mode correlation into RTFC (Cormac, Chris)
- MUST fill in WIKI logs for ALL observations. Lack wastes a lot of time. (All)

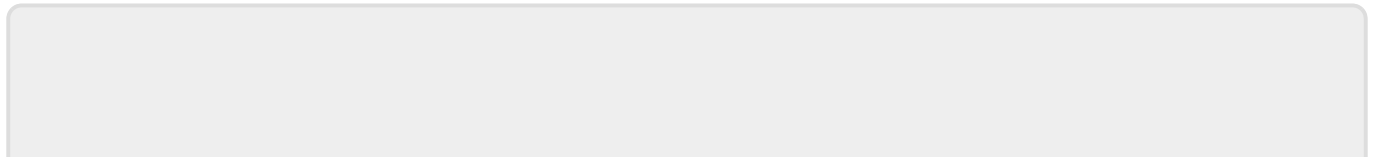
NEW ACTION ITEMS

- Check that schedules have the 8441 MHz centre frequency set at ASKAp
- Schedule more fringe tests at ASKAP to monitor system stability (Tasso)
 - Develop procedures for mixed-mode correlation tests (Chris, Cormac)
- L-band tests with Cd for Rx commissioning
 - Prepare schedules for possible Friday slots (Chris)
- Develop Java-scripts for rfc control (Chris, Jamie)
- Check disks for Yd antenna for run (Jamie M)
 - Check disks shipped from Curtin to Hobart (Jamie M)
- Develop procedures for phase-tying at the ATCA (Jamie, Chris)
- Tweak Ojha schedules for Mk5 data transfer for rfc (Cormac, Chris)
- Revised schedules to be circulated (Phil)
- Check new correlator config for VLBI at ATCA (Jamie)
- Check on data transfer issues
 - Xfers controlled from Curtin? (Cormac)
 - Communicate with VPAK (Tasso)

STANDING ACTION ITEMS

- Participate in DiFX meeting 24-28 September 2012 (All)
- Participation in Haystack e-VLBI workshop 22-24 October (All)
- LBA ops/technical/e-VLBI annual meeting in Hobart 12-13 February? (All)

Next meeting: TBD (Tuesday 16 October 2012?)



From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2012sep11>

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