

VLBI teleconference, Wednesday 27 March 2013

02:45 UT - 10:45 Perth, 13:45 Eastern Summer Time, 15:45 New Zealand

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Meeting ID: 1091

Chair: Tasso Tzioumis

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

Apologies: Simon Ellingsen, Jo Dawson, Vasaant S/O Krishnan, John Reynolds

Agenda

- Debrief from 14-21 March 2013 LBA session
 - Station reports
 - L-band Cd observing
 - Fringe checking
 - Correlator report
 - Any other issues
- Planning for next VLBI session(s)
 - 13-18 June 2013 LBA session
 - ASKAP support
 - AuScope participation
 - NZ participation?
 - Any other issues
- Upcoming RadioAstron observations (May 2013)
- NTFN tests 24-28 March 2013
- 14-19 August 2013 LBA session

- Wiki logs
- Data transfers.
- News and Reports from observatories & correlator(s)
 - NZ
- e-VLBI developments/demos
- Future plans: LBA wide-banding?
 - Xcube tests
 - telescope issues
 - correlator issues
 - e-VLBI
- Review of [Actions from meeting on 29 November 2012](#)
- AOB

Actions arising

CARRIED FORWARD/UPDATED/CONTINUING

- LBA data archive consolidation and copy at CASS. (CASS, Curtin)
 - LBA data archive. Need ATNF disk space (Tasso, Shaun) **Continuing**
- ATCA phasing. Check performance and implementation (Jamie S, Richard)
- ATCA Tsys via CABB (CASS)
 - Tsys at ATCA still not available in CABB.
 - Discuss with WEW (Jamie S) **Done**
 - Investigate implementation by Bob Sault (Tasso)
- Observer training and remote observing (Tasso)
- Wiki logs (All)
 - Annual “best” wiki-log competition. To be judged by correlator. (Tasso)
- Schedule more 32 GHz tests with ATCA? (Phil)
 - Do local VLBI test between 2 ATCA antennas to check local issues (Chris, Jamie S)
- NSW firewall issues. Test with eVLBI (Chris)
- NEXPreS BoD tests and demo would need time around June 2013 (Tasso, Phil)
 - Distributed correlation with Curtin (Cormac, Chris)
 - BoD test (Chris, Tasso)
 - COMBINE the 2 tests? (Tasso)
- Pawsey centre access for VLBI and eVLBI (Chris, Cormac)
- Linear to Circular polarisation conversion. Most immediate for ASKAP data. (Chris, Richard, Cormac)
- Monitoring “check-list” for ATNF telescopes (Chris, Jamie S)

NEW ACTION ITEMS

- Rx selection at Parkes is not obvious. Modify atsnap to remind Rx selection (John, Chris)

- DAS1 stats at ATCA show problems. Investigate (Jamie S)
- ASKAP antenna drive issues to be investigated (Tasso, Mike Kesteven)
 - Implement EPICS interface for ANT29 and VLBI (Chris)
- Hobart operational issues
 - DAS profile accidental overwrite. Implement counter measures (UTas)
 - Synthesiser frequency offsets confusing. Need procedures to prevent (Brett)
 - Resolve issues with default Hobart disk for fringe checks (Jamie M)
- Use fauto at Ho and Cd during setup and fringe testing (Brett, Chris)
- Procedures in drudg and FS to enable rtfc during runs (Chris, Cormac, Jamie M)
- Flipped data for 64 MHz at Tid. Provide stand-alone data flipping program to Curtin (Chris)
- Check data transfer procedures from Tid for rtfc. Use ssh and reverse tunnel? (Chris, Shinji)
- NZ transfer speeds to pbstore need to be improved. (Chris, Cormac, Stuart)
- ASKAP Vex schedules do not support rtfc without mods (Cormac, Chris)
 - New version of SCHED to be tried out. This should support correct ASKAP Vex (Cormac)
- Need to change SCHED to implement VDIF output. Needed by DiFX correlator (Cormac, Chris)
- Block schedule may create confusion when Mk5s are scheduled in LBA. Need to expand mode description and educate PIs (Phil, Cormac)
- Next LBA run 13-18 June clashes with ATUC meeting on 13 June. Manage conflict (ATNF)

STANDING ACTION ITEMS

Next meeting: 6 June 2013, in time for June 13-18 LBA session.

From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2013mar27>

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

