

# VLBI teleconference, Tuesday 27 August 2013

**03:30 UT - 11:30 Perth, 13:30 AEST, 15:30 New Zealand**

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Meeting ID: 5876

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds (Curtin); Tasso Tzioumis, Chris Phillips, Phil Edwards, Yiannis Gonidakis (CASS Marsfield); Jamie Stevens (CASS Narrabri); Shinji Horiuchi (ATDSCC); Jamie McCallum, Brett Reid (UTas); Laura(GA); Stuart Weston (AUT, NZ)

Apologies:

## Agenda

- Debrief 14-19 August 2013 LBA session
- Telescope issues
  - ATNF
  - UTAS & AuScope
  - WW
  - South Africa
  - Tid
- SOC remote observing
  - ATNF
  - UTas
  - NZ
- Monitoring
- Disks
- Correlator
- Real-time fringe tests
- NAPA
- Tests

- NTFN testing
- Xcube testing
- Other testing
- Next LBA session(s)
  - 18-26 November 2013?
  - Feb-March 2014
- Upcoming RadioAstron observations ?
- Korea VLBI technical meeting 10-12 Oct 2013
  - Attendance
  - Presentations
- DiFX technical meeting 14-18 Oct, Korea
- e-VLBI developments/demos
- Future plans: LBA wide-banding?
  - Xcube tests
  - telescope issues
  - correlator issues
  - e-VLBI
- Location of next Ops meeting??
- Organise scientific meeting in Northern Territory in 2014?
- Review of [Actions from meeting on 09 August 2013](#)
- 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) **Updated**
  - Definitely need >200 mJy calibrators. Stress in documentation. (ATNF)
  - Ask PIs to nominate phase-cals and check fluxes BEFORE scheduled observations (Phil, Jasmie S)
- ATCA Tsys via CABB (CASS) **Updated**
  - Investigate implementation by Bob Sault (Tasso)
  - Consult with Carrad and Sault about Tsys implementation on the CABB (Tasso)
  - Check with WEW and test whether acal scale preserved when mode changed to VLBI (Jamie S)
- Observer training and remote observing (Tasso) **Continuing**
- Wiki logs (All) **Continuing**
  - Log transfers quickly to FTP area and/or Wiki (ALL) **Continuing**
  - Annual “best” wiki-log competition. To be judged by correlator at annual Ops meeting. (Cormac)

- Schedule more 32 GHz tests with ATCA? (Phil) **Continuing**
- Pawsey centre access for VLBI and eVLBI (Chris, Cormac) **Continuing**
- Linear to Circular polarisation conversion. (Chris, Richard, Cormac) **Continuing**
- Monitoring “check-list” for ATNF telescopes (Chris, Jamie S) **Continuing**
- Check-list for ASKAP Rx changes. Especially 100 MHz reference for X-band. (Tasso, Suzy). **Continuing**
  - Include on Wiki documentation (Tasso)
- For ATCA include in Wiki log: ref ant, pad, tied-array. Default ant03 on W104. (Jamie S)
- For Tid, determine which antenna is scheduled in block-schedule and modify setup files (Cormac, Shinji, Phil)
- Xcube developments and report in Korea meeting (Xcube, Tasso, Chris) **Updated**
- Implement “intents” keyword from Vex schedule into ATNF schedules for auto-phasing (Jamie, Chris) **Continuing**
- Arrange tests on Curtin Xcube (Chris, Cormac) **Continuing**
- Onsource info from ATCA. Fix cgi scripts (Chris) **Continuing**
- Investigate desirability of upgrade NZ connection from 1 Gbps to 10 Gbps (All) **Continuing**

#### NEW ACTION ITEMS

- Investigate remote resets on PMON at ATCA? Now need DA (Phil, Jamie)
- DA role during LBA sessions (Phil, Tasso, Jamie S)
- Check Mp at 22 and 32 GHz for coherence and fringes (Chris, Jamie S, Tasso, Phil)
- Procedures for raising Ho observers on Skype. Telephone? (UTas)
- Get Ww FS log comments onto Wiki. Use UTas “floggit” script and automate? (Stuart, Chris, Jamie M.)
- Need VSIC remote switch for Tid to avoid cable problems. Check at ATNF (Chris, Jamie S., Tasso)
- Trial Ke and Yg remote monitoring. Check network loading (Jamie & Jamie)
- Spare 500 GB disks from ATNF to UTas for Xraid rebuilds (Chris, Jamie M.)
- Keep vc numbering for rtfc but use separate schedules only when necessary (Phil, Cormac)
- Fix recmon to track correct experiment name, especially due complex recordings for Ellingsen (Chris, Jamie S)
- List Mk5 rtfc times for each observation from schedules (Cormac, Chris)
- Prepare for next LBA session on 18-26 November 2013 (All)
- Arrange support for spacecraft observations on 29 Dec. (ATNF)
- Prepare for Feb-March 2014 runs around VSOP sessions. 2-3 days every 9 days. 4 runs (21/2, 2/3, 10/3, 17/3) - ALL
- Prepare for special arrangements to cope with possible PB store relocation and ~6-week break (Cormac, All)

## STANDING ACTION ITEMS

- Next LBA Ops meeting in Feb 2014. Perth? Decide dates and place (Tasso)
- VLBI science meeting in 2014 at Darwin (?) and setup LOC, SOC (Tasso, Jim)

Next meeting: October-November 2013

From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2013aug27>

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