

# VLBI teleconference, 04 August 2010

**12.00 Perth, 14.00 Eastern, 16.00 New Zealand**

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Meeting ID: 4554

Chair: Tasso Tzioumis

Attendance: Cormac Reynolds, Hayley Bignall(Curtin); Tasso Tzioumis, Chris Phillips, Phil Edwards, John Reynolds (ATNF Marsfield); Jamie Stevens (ATNF, Narrabri); Jamie McCallum, Brett Reid (UTas, Mt Pleasant); Richard Dodson, Maria Rioja (UWA); Shinji Horiuchi (SDCCC, Canberra)

Apologies: Steven Tingay, Randall Wayth (Curtin); Simon Ellingsen (UTas); Tim Natush, Sergei Gulyaev (Auckland); Jonathan Quick (Hart)

## Agenda

- Debrief from VLBI session July (22-27) & ToOs
  - ATNF
  - UTas
  - Tid
  - Data transfers
  - IKAROS observations
  - General comments
- Reports from observatories & correlator(s)
  - ATNF
  - UTas
  - Curtin
    - ATCA delay jumps
  - Tid
    - Xraid problems
  - NZ
  - AuScope
  - Hart
- Next session(s) for VLBI
  - Proposals & scheduling

- Issues
- \* Review of [Actions from last meeting 09 July 2010](#)
- 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**
- Implement Mk5b eVLBI operation (Chris) - **postponed till Mk5b eVLBI tests are feasible later in the year.**
- Mk5b operations at correlator (Curtin) - **continuing**
  - Mk5b test data to Curtin (UTas)
  - Test with Mopra (Chris, UTas)
  - Parallel LBA and Mk5 test data (UTas, Cormac) - **to be arranged**
- Notify WEW of times of any ATCA delay jumps (Correlators)
- Correlate Boolardy geodetic data to get better position, before next session. (Curtin) - **in queue**

### NEW ACTION ITEMS

- Test ATCA data from the vlbi\_64\_1\_tda mode and compare 64 MHz and 1 MHz modes (Jamie S.)
  - Guidelines for phasing the atca more often during vlbi observations (ATNF)
  - Clarify availability of atca data during VLBI. Include in letter to PIs to allow informed choice (ATNF)
- Inform PIs of ~150ns delay difference in polarizations at the atca (ATNF, Correlator)
- Publicise availability of OH and S-band from next period at atca due to the L/S upgrade.(ATNF)
- UTas is implementing a pre-planning meeting to plan Rx setups and avoid mix-ups. Must have setup instructions at least 2 days before session. (UTas)
- New equipment in Ceduna town to mitigate interference to wi-fi link to the telescope. New 5 GHz wi-fi operation. (UTas)
- Address XRAID issues at Tid. Power-cycle testing and/or upgrade hardware. Swinburne could be source of XRAID. (Shinji, Chris)
- Urgent input to JPL re Tid scheduling beyond 25 Oct. (Shinji, Phil)
- Check cx016b data and correlate full dataset when all data at Curtin. (Correlator)
- Implement upgrade for programmable cable changes on VLBI DAS. Testing needed. (Chris, Jamie S)
- Fix faulty CAVE nodes (04 and 07) - (Chris)
- Test Mp lo\_setup after synthesiser upgrade. Test cm observation online and need full test for K-band (ATNF, Tasso)

Next meeting: TBD → 10 November 2010.

From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2010aug04>

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