

# VLBI teleconference, 11 February 2009

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

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Meeting ID: 5007

Chair: Tasso Tzioumis

Attendance: Tingay, Reynolds, Moin, Bignall, C. Hotan, A. Hotan (Curtin); Tzioumis, Phillips (ATNF Marsfield); Horiuchi (Tidbinbilla); Lovell (Hobart); Reid (Mt. Pleasant); Stevens (ATNF Narrabri); Rioja, Dodson (UWA)

## Agenda

- Review of [Actions from last meeting](#)
- Next VLBI session
  - Schedules
  - Disks (problems with 750G disks)
  - e-VLBI tests
  - Observing support
- e-VLBI tests to Curtin (<1 Gbps and >1 Gbps) (Phillips/Reynolds)
- e-VLBI demo to Curtin (Tzioumis/Tingay)
- LBA operations/eVLBI/Networking meeting (Tzioumis/Bignall)
- Update on ASKAP VLBI EoI and ICRAR investment plan (Tingay)
- Status of ARCS data transfer tests to iVEC (Phillips)
- Update on New Zealand antenna (Gulyaev)
- Update on Curtin cluster at Narrabri (Phillips/Amy)
- AuScope Update (Lovell)
- Update on VLBI tests with GMRT (Tzioumis)
- AOB
  - Mopra recording problems from November (Phillips)

## Actions arising

(new items in **blue**)

## GENERAL

- One of Curtin Mark5B+ units to be shipped to AUT when they arrive, plus an invoice to AUT. (Steven) - updated 28/01/09 - Shipping cockup by supplier. Delay in delivery of units. 11/2/09 - in progress.
- Swinburne archive of correlated VLBI data to be moved to ATNF & Curtin at end of all Swinburne correlation (Steven/Claire) - update 28/01/09 - Swinburne correlation complete. Claire transferring data to Curtin. Will tidy up before sending on to ATNF. Claire to advise ATNF on archive size. 11/2/09 - in progress.
- Options for disks and data transport:
  - Buying excess disks from Swinburne VLBI pool and/or Mk5 disks. (Tasso/Steven) - update 28/01/09 - Tasso and Steven still discussing.
  - Initiate discussion on next generation VLBI systems and disks (Mk5b/Mk5c/of-the-self) for the March LBA meeting. (Tasso/Steven) - update 28/01/09 - to be added to agenda for March meeting. UTAs to be debriefed and kept in loop with meeting outcomes.
- Provide additional advice to PIs on scheduling the ATCA to keep it phased up at 8 GHz and above (Tasso) - update 28/01/09 - Richard to have input regards polarisation properties. 11/2/09 - to be tested with observations in next session.
- List on the Wiki available bands/polarisations at each LBA antenna. Also update "standard bands" (from S2) and define "standard" bands for wide-band recording. (Cormac/Tasso). 11/2/09 - initial progress within SCHED. Will be further followed up.
- Curtin Cluster at Narrabri: we would like to get the cluster up once the network is installed. Action on Tasso and Shaun to get the networking going as soon as possible (Tasso/Shawn) - update 28/01/09 - Gear ordered and arrived. Work to be done in next ~3 weeks. Jamie at Narrabri maybe get involved.

## DEMO and MEETINGS in March

- Tasso to prepare a 'block schedule' for the meeting and seek comment (Tasso)
- **eVLBI tests/demos to be discussed at Mar 2 meeting with AARNet. Agenda of issues needed for that meeting (Steven/Tasso/Chris).**
- **Organise live video to Parkes during demo. Tasso to talk to Shaun (Tasso)**
- **Organise help for Python developments for demo displays (Chris/Cormac)**

## NEXT OBSERVING SESSION

- Some of the new 750 GB disks appear to have bigbuf problems at 512 Mbps. Claire to send Jim some disks for an out-of-session test at Hobart (Claire/Jim). 11/2/09 - tests continue with high priority. Need to determine asap.
- **Observing support schedule for February session on the Wiki (Tasso)**
- **Wiki entries for next session needed. To be constructed from schedules (Cormac)**
- **Remind PIS re late schedules. (Cormac)**
- Expedite ARCS support for data transfers (Steven/Cormac/Tasso/Chris)
- **Decision to ship disks from Nov 08 session to Curtin. (Parkes/Narrabri)**

- **Observatories will need disk IDs to ship. (Claire)**

## OTHER

- **Need updated inventory of all XRAID disks. Letters to observatories and correlators. (Claire)**
- **Mopra shows some data glitches from remote recording. Need to assess problem during correlation. (Hayley/Claire/Chris)**
- **Need determination of data format for tests with GMRT. Tasso to write to Adam Deller for information and support (Tasso)**
- Next telecon: Wed 1 April, 2009, 2pm Sydney time (Tasso/Chris)

From:

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

Permanent link:

<https://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/telecon2009feb11?rev=1234411978>

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

