

VLBI/eVLBI operations and technical meeting, Sydney, 21-22 Feb 2012

ACTIONS list

The ordering of this action list roughly follows the agenda of the meeting. Some actions were carried forward and modified from the previous meeting(s). A consolidated and integrated list is given here.

1. ACTION: Proposals and scheduling

- Monitor available LBA time and over-subscription (Phil)
- Increase LBA time? (Phil)
- Encourage more ToOs (ATNF)
- More sessions of fewer days? Produce early schedules and information. (Phil)
- Offer Mk5 subnet recording alternative with higher-BW in call for proposals (ATNF)
- More disks at Ceduna from correlator (Correlator)

1. ACTION: SCHED issues

- Keep PIs informed on SCHED developments (Cormac,Phil)
- Cal flags in SCHED? Update sources.dat file with calibrator flags (Cormac,Chris)
 - fringe-finders; phase reference sources; calibrators on long baselines; new calibrators via eVLBI
 - ATCA developments for flag support (Jamie, Chris)
 - VEX2 implementation for flags (Cormac, Chris)
 - Flags in correlators and eVLBI (Chris, Cormac)
- Support in SCHED for new DAS
 - dBBC is SCHED? (Cormac, Stewart)
 - FS issues for dBBC via Ed Himwich (NZ)
 - DFB3 in SCHED (Chris, Cormac)
 - DFB3 specs to Cormac (Chris)
- Mixed mode scheduling in SCHED for ATNF (Cormac, Chris)

1. ACTION: Wiki/Web

- Continuing Wiki reorganisation/maintenance for accessibility (Chris,Cormac)
- Automate creation of Tsys and flagging files on Wiki (Cormac,Chris)
- Link Ho, Cd and Ww cal files to wiki (Cormac)
- Development of Ww noise cal systems and logs (NZ, LBA)
- ATCA Tsys in Zoom modes (ATNF)
- Check correct ATCA DAS modes on Wiki (Chris, Cormac)
- Calibration data instructions on Wiki (Hayden, Hayley)

1. ACTION: Observing and monitoring

- L-band feed at Ww (NZ)
- Ww Tsys monitoring (NZ)
- Pursue phase problems at Cd (UTas, correlator)
 - Narrow-band test observations for e-transfer
 - Bruce-DAS at Cd for testing? (UTas, Curtin)
 - Nathan's super-Bruce DAS to Cd for testing? (Curtin, UTas)
- Tropospheric data for Katherine (AuScope)
- Better LBA monitoring
 - Include LBA-live pages in recmon-like page? (Chris, Simon)
 - Use cdisco catalogs and extract file lists (Jamie)

- Get Tid monitoring? (Shinji, Chris)
- Ww monitoring via scripts (Stewart, Cormac)
- Try Monica polling (Jamie)
- Test monitoring error thresholds (Chris)
- Test longer recorded data files (Chris)
- ATCA correlator modes. Check via fringe-checking in green time (ATNF)
- Streamline fringe-checks for Mk5 (Chris)
- Use Mk5a at Ho and Tid for higher BW
- Investigate IVS special observations. Develop proposals. (Oleg)
- When 2 antennas used at Tid, record in different directories (Shinji)
- Utilise all available time at Tid (Shinji, ATNF)
- Get Parkes calibration data (Tasso, JER, Ettore)
- Get Tsys data on ATCA (Chris, Tasso)
- ATCA Array phasing issues (Chris, Jamie, Tasso)
- Implement VSIC mods for automatic recorder setup (ATNF)

1. ACTION: eVLBI pointing for Ww (Chris, Cormac, Jamie M, NZ)

1. ACTION: Data storage and transfers

- Investigate future ARCS transfers or alternatives (ATNF)
- Mk5 in Canberra for Tid transfers or ship Mk5 disks to Hobart? (Shinji, ATNF, UTas)

1. ACTION: Correlators

- Advance warning to correlator of technical requirements of observations (PIs)
- Feedback from PIs (Phil, PIs)
- Reduction pipeline on Cave for e-VLBI (Chris, Cormac)
- Copy LBA data archive to ATNF (Curtin, ATNF)
 - investigate RPFITS issues with Adam.
- LBA archive online via ATOA? (Tasso)
 - Investigate RPFITS and IDIFITS issues in ATOA (ATNF)
- Aim for Tsys extraction at correlator (Curtin, ATNF)

1. ACTION: Networks and e-VLBI Demos

- Overseas telescopes in eVLBI? (Tasso)
 - Indian connectivity?
 - Regular Asia eVLBI tests?
- NEXPreS BoD (Tasso, AARNet)

1. ACTION: e-VLBI developments

- Promote eVLBI better (All)
- eVLBI scheduling (cf EVN of ~10sessions/year) (ATNF)
- Advertise better e-VLBI capabilities with DiFX 2.0 (Tasso)
- Utilise more e-VLBI test-time (ATNF)
- Finalise VTP standard (Chris)
- Investigate Tid e-VLBI connectivity (Tasso)

1. ACTION: DAS and Recorders/Disks

- Monitor developments of DBBCs, DBEs etc (All)
 - Procure new DAS?
- Investigate Tsys logging in DBBC
 - Collaboration with Gino and Bonn?
- Monitor recorder/Disk developments (all)
 - Replacement of LBA recorders/Disks?

1. ACTION: Next Ops meeting venue. UTas? (Tasso)

From:

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

Permanent link:

<http://www.atnf.csiro.au/vlbi/dokuwiki/doku.php/lbaops/actionslba-ops-2012>

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