

VLBI/eVLBI operations and technical meeting, Perth, 17-18 Feb 2015

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# ACTIONS list

## PI support

- Clarify Tid time requests (Phil)
- Advertise ATCA split frequency (Phil)
- Ramesh/James-MJ/Maini to Sydney for observing training (Chris)

## Observing Issues

- Sched support longterm (Chris)
  - vex2
- Tid single pol RA recording catalogs (Chris/Shinji)
- Tid DASPro entries (Chris)
- DASPro 64 MHz flipping (Chris)
- Mopra Rx downconversion (Chris)
- pkvsi1 name (Chris)
- AK07 error estimation (JER)
- AK07 position (Leonid?) [Emailed 19-Feb]
- Remind RA wiki logs files (Chris)
- Tid monitoring (Phil Pope/JamieS)
- DVP test (Chris/Shinji)
- TANAMI (v252ar) data (Chris) [Supplied to correlator 10/3/2015]
- Parkes Maser monitoring (Correlator)
- IM&T storage IP location (Chris)
- DIFX release (Chris)
- Resync archive ongoing (Chris/Cormac)
- RtFC
  - Mark5 RtFC doco (Chris)
  - Sub second DIFX (Chris)
  - obs.pl timeout fixes (Chris)
  - recdir on flexbuf (Jamie^2)
  - m5slice non second boundaries (Chris) [Fixed 12/3/15]
- LBA polarisation - update or advertise memos (Chris)
- Automatic e-checklist (JamieS)
- EVN tutorial comparison for LBA (Cormac→Chris)
- Tsys data (Chris)
- Tid data link - case together for funding. (Ed/Tasso) within 2month 2nd week April.
- Discuss with (JohnM) IM&T resources (Chris)
- Continue 1921-293/1934-638 ATCA calibration
- RadioAstron ATCA flux density observation (Chris)
- Radio astron catalog files (Chris/Cormac) [Emailed Kirill 19/2/2015]
- Investigate electronic transfer for Tid RA data (Chris/Shinji)
- Improved collaboration with Asia (Shinji/Chris/Phil)

## 2014 incomplete actions

1. ACTION: Proposals and scheduling
  - Offer Mk5 subnet recording alternative with higher-BW in call for proposals (ATNF) - **CONT**
1. ACTION: SCHED issues
  - Support in SCHED for new DAS - **CONT**
    - Xcube in SCHED (Chris)
    - Check on Mk5B format for LBA (Cormac)
    - VDIF code in SCHED (Chris, Cormac)
    - JPL format support (Cormac)
1. ACTION: Wiki/Web
  - Development of Ww noise cal systems and logs (NZ, LBA)
1. ACTION: Observing and monitoring
  - Monica alarm functionality coordination at observatories (LBA)
  - Firewall issues with NZ (AUT, Chris)
  - Ensure ATCA ABphase set when autophase on (Chris)
  - Update notes on CABB gain equalisation via sampler stats (Jamie S)
  - Monitor H-maser rate at ASKAP (ATNF) - CONT
  - Xcube in real-time fringe checker (Chris)
1. ACTION: Correlators
  - Pipeline imaging (Cormac, Chris)
    - Reduction pipeline on Cave for e-VLBI (Chris, Cormac) - CONT
    - make pipeline available to PIs? Inform in correlator letter. - CONT
    - Pipeline reduction for cal only - CONT
      - Cal flux-vs-time and compare with ATCA.
      - 1921-293 flux vs ATCA.
      - 1934-638 cal data from ATCA.
    - Telescopes check back in pipeline archive for issues (All telescopes)
  - Document Tsys labelling after correlation for “mixed-mode” observations (Chris)
  - LBA archive online via ATOA? (Tasso) - CONT
    - Investigate RPFITS and IDIFITS issues in ATOA (ATNF)
    - Metadata transfer and storage? (ATNF)
  - Aim for ANTAB data at correlator (Curtin, ATNF)
    - Issues of Tsys quality from stations.
  - Investigate eVLBI modes in Pawsey

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-2015>

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