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## VLBI/eVLBI operations and technical meeting, Hobart, 12 Feb 2010

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### ACTIONS list

Some actions were carried forward and modified from the previous meeting(s) at Curtin, March 2009. A consolidated and integrated list is given here.

#### 1. ACTION: e-VLBI issues

- Check on connectivity to Tasmania (UTas)
- Promote eVLBI better (All)
- Test parallel eVLBI/recording (Chris)
- Display delay-time for monitoring (Chris)
- eVLBI scheduling (cf EVN of ~10sessions/year) (ATNF)

#### 1. ACTION: e-VLBI setup (Chris/Cormac)

- Vex file to eVLBI
- Webpages to setups
- eVLBI setup files

#### 1. ACTION: SCHED issues

- Inform PIs on latest version of SCHED (Phil)
- CAL flags into SCHED? Check with Craig Walker (Cormac)
- Update sources.dat file with calibrator flags (Cormac/Chris)
  - fringe-finders
  - phase reference sources
  - calibrators on long baselines
  - new calibrators via eVLBI
- Web interface to skeleton key-file for “standard” schedules? (Cormac)
- LBA examples into SCHED release (Cormac)
- Better defaulting mechanisms in SCHED?

#### 1. ACTION: VSIC issues (Chris)

- VSIC mods for automatic setup
- remote control
- implementation

#### 1. ACTION: Investigate transient triggering for VLBI (Tasso)

#### 1. ACTION: Training on setups for “key” people (All)

#### 1. ACTION: Demos

- Overseas telescopes in eVLBI? (Tasso)
  - Kashima, Shanghai, □
  - Brazil, India
- APT operations (Phil)
- Regular AARNet demos to Asia ~2/year for ~10 hrs (Tasso/Chris Hancock)

#### 1. ACTION: DAS

- Choice of DBBCs, DBEs etc (All)
- LIEF proposal? (Curtin/Utas/UWA)

#### 1. ACTION: Disks

- ARCS in Adelaide for Cd disks? Curtin can provided XRAID chassis. (Cormac/Claire/Florian)
- 2nd XRAID chassis for Cd (Simon/Chris)
- Investigate ARCS-like transfers from NZ (Steven/Chris/NZ)
- Disk issues on CUPPA. PBstore speeds. (Curtin)
- Investigate new disk systems (All)
- Buy more Mk5 disks (ATNF/Curtin)

#### 1. ACTION: Correlators

- New scripts from NRAO for DiFX (Cormac/Chris)
- Check with Adam re 8-bit into DiFX 2.0 (Cormac)
- Advance warning to correlator of technical requirements of observations (PIs)
- Pulsar binning into AIPS?
- Spectral line calibration (Chris/Cormac/Adam/Walter)
  - labelling of array in AIPS (not AT-LBA)

#### 1. ACTION: New recorder machines? (Chris)

- Implement GPU autocorrelators? (Chris/Richard)

#### 1. ACTION: Proposals and scheduling

- More LBA time? (All)
  - Investigate number of proposals not getting time (Phil)
- More sessions of fewer days? (All)
- Standard modes information for proposals (ATNF)
- Call for proposals on VLBI exploders (nrao; evntech) (Phil)
- Include new polarisation capabilities in call for proposals?
- Encourage more observations with EAVN (All)
  - APT email exploder? (Phil)

#### 1. ACTION: Wiki/Web

- Wiki reorganisation for more accessibility (Chris/Cormac)
- Update DAS modes table.
- Upgrade/rationalise LBA website (ATNF/Cormac)
- Wiki attachments?

#### 1. ACTION: Observing

- Look at recent CD observations for instability (correlator)
- Check recent Ho data for cross-polarisation (correlator)
- Get Parkes calibration data (Tasso/JER)
- Better monitoring via MONICA? (Chris)

#### 1. ACTION: LBA archive online

- On ATOA? (Tasso)

#### 1. ACTION: eVLBI workshop at Curtin. Need SOC and LOC (Steven)

#### 1. ACTION: Next Ops meeting venue. Sydney or NZ? (Tasso)

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