

Network Monitoring Report: 5cm C-band N10M2

Source: 4C39.25, J0958+4725, J0926+4029 **Length:** 180 min. **Observing mode:** Mk IV, mode 512-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 01/06/10 **Reference date:** 01/06/10; 152d 12h 00m
Experiment code: N10M2 **Date of report:** 02/07/10 **by:** Jun Yang & Stefanie Muehle

- ⊗ According to expectation, no special remarks ☐ Station did not observe (not scheduled)
- Problem occurred - see enclosed footnote(s) ○ Entry not applicable/investigated

	Cm	Ef	Jb	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Yb	Wz	Ro
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Filled in TRACK	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
GPS data available (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Disks are available (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Feedback on www (within 7 days)	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Clock offset in μ sec	951.254	-15.465	0.441	-90.725	-31.053	52.422	9.457	63.973								
Clock rate in psec/sec	-0.045	0.810	-0.045	2.640	0.194	0.749	0.254	0.189								
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Phase cal aligns phases	○	○	○	○	○	○	○	○	○	○						
Sampler statistics okay	⊗	⊗	■	⊗	⊗	⊗	⊗	■	⊗	⊗						
Please check VC number(s):																
Previous reported problem(s) corrected	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗						
Problem(s) first reported																
See enclosed footnote(s):	a		b	c	c	d	e	e	f	f						

Enclosure: Footnotes 5cm C-band N10M2

Footnotes to the Network Monitoring Report: 5cm C-band N10M2

General: Noto and Yebes were not in Session 2/1020 due to problems with their antennas.

- a) **Cm, Cambridge:** No fringes in RCP (BBC05).
- b) **Jb, Jodrell Bank:** After IFD level was changed at 12h30m UT, sampler statistics distribution was improved. However, fraction of high bits was still low in the upper half of channels.
- c) **Mc, Medicina:** No fringes in BBC02.
- d) **Sh, Shanghai:** In the ftp fringe tests, both MK5A and MK5b data were received and correlated. Sampler statistics was OK for MK5A data, while fraction of negative bits was larger than that of positive bits in m5b data.
- e) **Tr, Torun:** Low fraction of high bits in BBC02/LSB and BBC07/USB.
- f) **Wb, Westerbork:** Correlation amplitude and phase versus time had a small scale irregular variation in all subbands on all the baselines to Wb (see standard plots).

Questions? yang@jive.nl

Report ends