

Network Monitoring Report: C-band N10C3

Source: 3C371, 3C345, NRAO512, J1800+3848 **Length:** 180 min. **Observing mode:** Mk IV, mode 512-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 26/10/10 **Reference date:** 26/10/10; 299d 12h 00m
Experiment code: N10C3 **Date of report:** 12/02/11 **by:** Yurii Pidopryhora

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

	Bd	Ef	Jb	Mc	On	Sv	Tr	Wb	Ys	Zc
Station has observed	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (disk)	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	○
Filled in TRACK	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Logs are avail. (w/in 72 hrs)	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
GPS data avail. (w/in 7 days)	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Disks are avail. (w/in 7 days)	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Feedback on www (w/in 7 days)	■	⊗		⊗	■	⊗	⊗	⊗	⊗	■
GPS clock estimate gives fringes	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Clock offset in μ sec	-2.74	-4.149		-66.675	-27.925	-2.09	7.863	66.257	-0.717	-2.1
Clock rate in psec/sec	0	0.963		1.27	0.302	-0.817	-0.51	0.207	0.0306	1.17
Recording okay	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗		⊗	⊗	■	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Phase cal aligns phases	○	○		○	○	○	○	○	○	○
Sampler statistics okay	⊗	⊗		⊗	■	■	■	⊗	⊗	⊗
Please check VC number(s):				6	11	7,8				
Prev. rep. problem(s) corrected	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗
Problem(s) first reported										
See enclosed footnote(s):		a		b	c	d				e

Enclosure: Footnotes C-band N10C3

Footnotes to the Network Monitoring Report: C-band N10C3

General: Phase cal was off for this experiment.

- a) **Jb, Jodrell Bank:** Both Jb1 (Lovell) and Jb2 (Mark 2) were scheduled but could not observe because of technical difficulties.
- b) **On, Onsala:** Sampler statistics for BBC 6 LSB (Rcp of sb4) is about 15%, far from the optimal 36.4%.
- c) **Sv, Svetloe:** Swapped pols. BBC 11 USB (Lcp of sb1) is about 60%, far from the optimal 36.4%. Also due to the limitations of this station no fringes were detected above 5 GHz (BBCs 8 and 14).
- d) **Tr, Torun:** In sb7 Rcp (BBC 7 USB) sampler statistic is about 20%, while in Lcp (BBC 8 USB) it is about 50%, both far from the optimal 36.4%. Phase cal was on by accident.
- e) **Zc, Zelenchukskaya:** It was observing, but for logistical reasons the diskpack was later deliberately overwritten to record user experiment data. The evaluation in this report is done based on the ftp test.

Questions? pidopryhora@jive.nl

Report ends