

Network Monitoring Report: C-band N10C2

Source: 4C39.25 **Length:** 180 min. **Observing mode:** Mk IV, mode 512-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 27/05/10 **Reference date:** 27/05/10; 147d 11h 00m
Experiment code: N10C2 **Date of report:** 16/07/10 **by:** Yuri Pidopryhora

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

	Bd	Da	Ef	Jb	Kn	Mc	On	Sh	Tr	Ur	Wb	Zc	Cm	Nt	Sv	Ys
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗				
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	⊗				
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	⊗				
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	1.457	51.79	-15.52	-0.331	307.7	-92.08	-31.13	51.87	9.241	0.727	63.73	2.517				
Clock rate in psec/sec	0	0.034	0.816	0.034	0.034	2.67	0.183	0.784	0.282	0.057	0.24	0				
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗				
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	⊗				
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	⊗				
Phase cal aligns phases	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	⊗				
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	⊗				
Please check VC number(s):									1,2,7,8			■				2
Prev. rep. problem(s) corrected	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	⊗				
Problem(s) first reported																
See enclosed footnote(s):									a	b						c

Enclosure: Footnotes C-band N10C2

Footnotes to the Network Monitoring Report: C-band N10C2

General: Nt and Ys did not observe because of the mechanical problems of the antennas.

- a) **Tr, Torun:** Sampler statistics for BBCs 1 and 2 is about 25%, for BBCs 7 – 22%, for BBCs 8 – 48%, all far from the optimal 36.4%.
- b) **Ur, Urumqi:** There were problems with decoding the data both sent by ftp and on the disk. No correlation was possible.
- c) **Zc, Zelenchukskaya:** BBCs 9, 10 and 11 show some fluctuations of the sampler statistics. BBC 2 has the sampler statistics of about 50%, which is higher than the optimal 50%.

Questions? pidopryhora@jive.nl

Report ends