

Network Monitoring Report: C-band N11C2

Source: J0956+2515, 4C39.25, J1043+2408 **Length:** 180 min. **Observing mode:** Mk IV, mode 512-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 31/05/11 **Reference date:** 31/05/11; 151d 12h 00m
Experiment code: N11C2 **Date of report:** 15/08/11 **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	Ef	Hh	Jb	Mc	On	Sh	Sv	Tr	Ur	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	-2.6	-0.554	7.313	-0.407	-57.589	-20.914	76.764	-1.99	8.203	1.096	69.79	0.826	-2.94
Clock rate in psec/sec	0	-1.24	-0.0406	-0.0185	-0.635	0.432	0.691	0	0.789	-0.0249	0.187	0.298	0
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Phase cal aligns phases	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Please check VC number(s):								5					4
Prev. rep. problem(s) corrected	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Problem(s) first reported													
See enclosed footnote(s):				a				b	c				d

Enclosure: Footnotes C-band N11C2

Footnotes to the Network Monitoring Report: C-band N11C2

- a) **Jb, Jodrell Bank:** Mk2 was temporarily replacing Lovell, while the latter's receiver was being cooled off.
- e) **Sv, Svetloe:** Sampler statistics for BBC 5 USB (Rcp 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 13).
- c) **Tr, Torun:** No fringes in ftp due to (as reported at the time of the ftp test) problems with the receiver cooling, the station went off line by the end of the experiment to fix this issue. But the disk fringes are fine.
- d) **Zc, Zelenchukskaya:** Similar to previous sessions, there were RFI problems for sb2 corresponding to BBCs 2 (Rcp) and 10 (Lcp), resulting in no fringes for Lcp and extremely weakened fringes for Rcp of this subband. In addition, no fringes (except very weak ones in cross-pols) are seen for both LSB and USB of BBC 4 (sb6 and 7 Rcp) for both ftp and disk.

Questions? pidopryhora@jive.nl

Report ends