

Network Monitoring Report: C-band N10C1

Source: 3C345, J1800+3848, NRAO512, OQ208 **Length:** 180 min. **Observing mode:** Mk IV, mode 512-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 18/03/10 **Reference date:** 18/03/10; 77d 22h 00m
Experiment code: N10C1 **Date of report:** 15/06/10 **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	Cm	Ef	Jb	Kn	Mc	Nt	On	Sh	Tr	Ur	Wb	Ys	Zc	Sv
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	■	951.113	-20.396	-0.447	307.613	-94.382	-3.227	-32.044	47.168	6.575	0.674	62.584	-2.220	■	■
Clock rate in psec/sec	■	-0.003	0.646	-0.003	-0.003	6.19	-0.271	0.137	0.782	0.573	0.072	0.203	-0.577	■	■
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Phase cal aligns phases	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Sampler statistics okay	⊗	⊗	⊗	■	⊗	■	■	⊗	⊗	■	⊗	⊗	⊗	■	■
Please check VC number(s):				1, 3		5, 6	5, 6			8				2, 12	
Prev. rep. problem(s) corrected	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Problem(s) first reported															
See enclosed footnote(s):	a			b		c	d			e					a

Enclosure: Footnotes C-band N10C1

Footnotes to the Network Monitoring Report: C-band N10C1

General:

- a) **Bd, Badary and Zc, Zelenchukskaya:** KVAZAR stations do not yet report their GPS clock values, logs etc. through the standard EVN system. Sampler statistics for Bd looks good, for Zc BBCs 2 and 12 show significant fluctuations (ranging 0-100% for BBC 2 and 40-100% for BBC 12) over parts of the experiment.
- b) **Jb, Jodrell Bank:** No data in RCP for this experiment, so no sampler statistics available for BBCs 2, 4, 6 and 8. In LCP all BBCs show sampler statistics lower than optimal 36.4%, the lowest are BBCs 1 and 3 (about 12%).
- c) **Mc, Medicina:** BBC 5 has sampler statistics of about 45%, BBC 6 has the value of about 28%, which are correspondingly higher and lower than the optimal 36.4%.
- d) **Nt, Noto:** All BBCs with the exception of #3 and 4 show sampler statistics far lower than the optimal 36.4%, in the worst cases (BBCs 5 and 6) just a few %.
- e) **Tr, Torun:** All BBCs show sampler statistics in the range of about 20-30%, lower than the optimal 36.4%. The only exception is BBC 8, for which the value is higher, about 50%.

Questions? pidopryhora@jive.nl

Report ends