Network Monitoring Report: **L-band** N07L1

Source: 2134+004, 3C454.3, 3C84, J2330+1100, J2334+0736 **Length:** 320 min. **Observing mode:** Mk IV, mode 256-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 08/03/07 **Reference date:** 08/03/07; 067d 09h 00m
Experiment code: N07L1 **Date of report:** 14/05/07 **by:** Hayley Bignall

⊗ According to expectation, no special remarks ⬚ Station did not observe (not scheduled)
■ Problem occured - 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 μsec	951.150	9.700	0.271	−89.432	−7.343	27.646	22.268	9.192	6.370	1048.543		5.805				
Clock rate in psec/sec	−0.0036	0.539	−0.0036	−0.119	−1.57	−1.04	0.726	0.117	−0.0923	0.17		−0.0919				
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		⊗				
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		⊗				
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗		⊗				
Phase cal aligns phases	○	○	○	○	○	○	○	○	○	○		○				
Sampler statistics okay	⊗	⊗	⊗	■	■	⊗	⊗	■	⊗	⊗		⊗				
Please check VC number(s):				5	8			7								
Previous reported problem(s) corrected	○	○	○	○	○	○	○	○	○	○		○				
Problem(s) first reported																
See enclosed footnote(s):			**a**	**b**	**c**	**d**		**e**								

Enclosure: Footnotes L-band N07L1

Footnotes to the Network Monitoring Report: **L-band** N07L1

a) Jb, Jodrell Bank: Due to Mk5 problems, no data recorded during ftp scans.

b) Mc, Medicina: Sampler statistics for BBC#5 are a bit high - percentage high bits $\sim 47\%$. Ideal value is 36.4%

c) Nt, Noto: No fringes for BBC#8. Sampler statistics for some BBCs are below the optimum value of 36.4%. The lowest is BBC#1 - sampler stats are $\sim 20\%$.

d) On, Onsala: Phase jumps by 180 degrees after some gaps (due to LO synthesizer; problem and solution already identified).

e) Tr, Torun: Sampler stats are a bit lower than 36%; in particular for BBC#7 they are $\sim 20\%$.

Questions? bignall@jive.nl   Report ends