

Network Monitoring Report: L-band # 03/II

Source: DA193,3C84,3C48 ... **Length:** 12×22 min. **Observing mode:** Mk IV, mode 256-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 28/05/03 **Reference date:** 28/05/03; 148d 09h 00m
Experiment code: N03L2 **Date of report:** 11/06/03 **by:** Z. Paragi (an Ur BBC number was corrected on 8 July)

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

	EVN stations															Affiliated	
	Cm	Ef	Jb	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Yb	Wz	Ro	Sm
Station has observed	⊗	⊗		⊗	⊗	⊗	■	⊗	⊗	⊗		⊗					
Station produced fringes	⊗	⊗		⊗	⊗	⊗	○	⊗	⊗	⊗		⊗					
Logs are available (within 72 hours)	⊗	⊗		⊗	⊗	⊗	○	⊗	⊗	⊗		⊗					
GPS data available (within 7 days)	⊗	⊗		⊗	⊗	■	○	⊗	⊗	■		⊗					
Tapes are available (within 7 days)	■	⊗		⊗	⊗	■	○	⊗	⊗	⊗		■					
Feedback on www (within 7 days)	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	■		⊗					
GPS clock estimate gives fringes	⊗	⊗		⊗	⊗	○	○	⊗	⊗	○		⊗					
Clock offset in μ sec	945.53	-23.02		-83.12	-3.45	-2.33		-7.71	3.27	1029.51		-4.73					
Clock rate in psec/sec	-0.13	-3.89		0.63	-0.26	-0.85		-0.20	-0.86	0.14		1.25					
Tape footage okay	⊗	⊗		⊗	⊗	⊗	○	⊗	⊗	⊗		⊗					
Tape speed okay	⊗	⊗		⊗	⊗	⊗	○	⊗	⊗	⊗		⊗					
Forward passes okay	■	⊗		⊗	■	⊗	○	⊗	■	⊗		⊗					
Reverse passes okay	■	⊗		⊗	■	⊗	○	⊗	■	⊗		⊗					
Parity error < 10^{-3}	■	⊗		⊗	■	⊗	○	⊗	■	⊗		⊗					
Polarization setup okay	⊗	⊗		⊗	⊗	⊗	○	⊗	⊗	⊗		⊗					
Strong signal amplitude	⊗	⊗		⊗	⊗	⊗	○	⊗	■	⊗		⊗					
Phase cal aligns phases	○	○		○	○	○	○	○	○	○		○					
Please check VC number(s):					3				4								
All 12 scans correlated	○	○		○	○	○	○	○	○	○		○					
Clear from RFI	○	○		○	○	○	○	○	○	○		○					
Previous reported problem(s) corrected	○	○		○	○	○	○	○	○	○		○					
Problem(s) first reported																	
See enclosed footnote(s):	a				b	c	d		e	f		g					

Enclosure: Footnotes L-band # 03/II

Footnotes to the Network Monitoring Report: **L-band** # 03/II

General: Place a general comment here

- a) **Cm, Cambridge:** Difficulties with head peaking. Parity errors were $\sim 1e-3$ on both forward and reverse passes. The tape was late.
- b) **Nt, Noto:** Higher numbered tracks (31–33) had very poor playback, with parity errors $1e-2$ and a number of rejected frames. This occasionally led to a loss of fringe in subband 3, LCP. There were no fringes detected from subband 2–3, RCP (BBC 3, lower and upper sideband)
- c) **On, Onsala:** Tape and GPS data were late.
- d) **Sh, Shanghai:** Could not take part due to technical work.
- e) **Ur, Urumqi:** Parity errors were $\sim 1e-3$ on both forward and reverse passes. Subband 3, LCP (BBC 3 upper sideband) and subband 0, RCP (BBC 2 lower sideband) produced weak fringes (could be due to bad sampler statistics — to be checked); there were no fringes in subband 2–3, RCP (BBC 4, lower and upper sideband)
- f) **Wb, Westerbork:** GPS data were late, and also there was no feedback on web
- g) **Hh, Hartebeesthoek:** The tape was late.