

Network Monitoring Report: **K-band** # 04/I

Source: 0851+202, 1308+326 **Length:** 6×22 min. **Observing mode:** Mk IV, mode 512-16-1, LCP
Reference antenna: Effelsberg **Date of observations:** 11/02/04 **Reference date:** 11/02/04; 42d 20h 00m
Experiment code: N04K1 **Date of report:** 09/03/04 **by:** Z. Paragi (updated on 30 March 2004)

⊗ 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	940.72	51.73			-12.17	1.61	84.44						-2.12				
Clock rate in psec/sec	-0.30	-0.64			-1.21	0.46	0.85						-0.09				
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):	1	5			8												
All 6 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 K-band # 04/I

Footnotes to the Network Monitoring Report: **K-band** # 04/I

General: Place a general comment here

- a) **Cm, Cambridge:** Track 15 remapped to 35 on headstack 1. Track 2 on headstack 1 and 2 seemed to be dead. Fringe from BBC 1 upper sideband was weaker (unrelated to dead tracks, probably due to microwave link limitations).
- b) **Ef, Effelsberg:** Weak fringes from BBC 5, lower sideband (headstack 2).
- c) **Jb, Jodrell Bank:** Disk recording failed. Headstack 2 cables were not connected. User experiments in the K-band session were not affected.
- d) **Mc, Medicina:** LO problem recognized by the stations after the experiment.
- e) **Nt, Noto:** Weak fringes from BBC 8, lower sideband (headstack 2).
- f) **Ur, Urumqi:** LO problem recognized by the stations after the experiment. Did not send the tape.
- g) **Mh, Metsähovi:** Parity errors are $\sim 1e-2$ on the higher numbered tracks (#25-33).