

Network Monitoring Report: C-band # 04/III

Source: 3C454.3, 0234+285 **Length:** 6×22 min. **Observing mode:** Mk IV, mode 512-16-1, dual pol.
Reference antenna: Westerbork **Date of observations:** 14/02/04 **Reference date:** 14/02/04; 45d 11h 00m
Experiment code: N04C1 **Date of report:** 08/03/04 **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	939.38	50.37		-103.80	-2.87	3.36	83.49	-1.17	2.09	1031.87		-4.16					
Clock rate in psec/sec	-0.26	-0.67		-0.53	-1.45	0.48	0.72	-0.19	-0.48	0.17		-0.98					
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):								hs2				7,8					
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							

Enclosure: Footnotes C-band # 04/III

Footnotes to the Network Monitoring Report: **C-band** # 04/III

General: Place a general comment here

a) **Cm, Cambridge:** Track 15 remapped to 35 on headstack 1. Track 2 and 4 were also dead on both headstacks. Subband 0 fringes were affected by the dead tracks.

b) **Jb, Jodrell Bank:** Disk recording failed. Did not connect headstack 2 cables. User experiments in the C-band session were not affected, except for KAH1.

c) **Tr, Torun:** Parity errors are $\sim 1e-3$ on the second headstack. Weak signal and sometimes no fringes from the second headstack.

d) **Ur, Urumqi:** Parity errors are $\sim 1e-2$ – $1e-3$ on the second headstack.

e) **Wb, Westerbork:** No fringes from VCs 7,8 - IF limitations.

Questions? paragi@jive.nl

Report ends