

# Network Monitoring Report: C-band # 04/V

**Source:** 3C273B,1222+037,OQ208,3C345,1633+382    **Length:** 12×22 min.    **Observing mode:** Mk IV, mode 256-8-2, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 20/05/04    **Reference date:** 20/05/04; 141d 16h 30m  
**Experiment code:** N04C2    **Date of report:** 04/06/04    **by:** Z. Paragi

- ⊗ 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 $\mu\text{sec}$	939.63	42.22	-11.18	-109.58	-5.91	10.60	88.47	5.41		1035.88		-8.71					
Clock rate in psec/sec	-0.32	-1.91	-0.32	-1.71	-1.75	0.58	0.34	0.53		0.17		-0.80					
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):	1,2																
All 12 scans correlated	○	○	○	○	○	○	○	○		○		○					
Clear from RFI	○	○	○	○	○	○	○	○		○		○					
Previous reported problem(s) corrected	○	○	○	○	○	○	○	○		○		○					
Problem(s) first reported																	
See enclosed footnote(s):	<b>a</b>									<b>b</b>							

**Enclosure:** Footnotes C-band # 04/V

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

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**General:** Place a general comment here

a) **Cm, Cambridge:** No fringes from BBC#1 and #2 lower sidebands.

b) **Tr, Torun:** Fringes found with  $\sim 9\mu s$  offset compared to the GPS clock offset.  
If stay stable, this difference can be incorporated into our software at JIVE.

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*Questions? [paragi@jive.nl](mailto:paragi@jive.nl)*

Report ends