

Network Monitoring Report: C-band # 03/III

Source: OQ208,3C279,Cep A **Length:** 10×22 min. **Observing mode:** Mk IV, mode 256-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 06/06/03 **Reference date:** 06/06/03; 157d 17h 00m
Experiment code: N03M1 **Date of report:** 19/06/03 **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 μ sec	945.03	-26.46	-5.87			-2.55		-8.32				-5.03					
Clock rate in psec/sec	-0.13	-3.94	-0.13			-0.85		0.36				1.12					
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):																	
All 10 scans correlated	○	○	○	○		○		○				○					
Clear from RFI	○	○	○	○		○		○				○					
Previous reported problem(s) corrected	○	○	○	○		○		○				○					
Problem(s) first reported																	
See enclosed footnote(s):	a			b		c		d									

Enclosure: Footnotes C-band # 03/III

Footnotes to the Network Monitoring Report: **C-band** # 03/III

General: Place a general comment here

a) **Cm, Cambridge:** Parity errors were $\sim 1e-4$ on both forward and reverse passes; this is better than reported in the previous NME. The tape was late.

b) **Mc, Medicina:** No fringes. The playback was good. Did not show the CepA MASER line in autocorrelation (appeared at other stations, even at On which had a lower nominal sensitivity).

c) **On, Onsala:** No GPS data available. Script failed with automatic file uploading to VLBEER. Problem fixed.

d) **Tr, Torun:** Polarizations were swapped.

Questions? paragi@jive.nl

Report ends