Network Monitoring Report: **K-band** # 03/I

Source: 3C273,3C345 CepA ... **Length:** 6×22 min. **Observing mode:** Mk IV, mode 512-16-2, dual pol.
Reference antenna: Onsala **Date of observations:** 09/02/03 **Reference date:** 09/02/03; 40d 03h 00m
Experiment code: N03K1 **Date of report:** 17/02/03 **by:** Z. Paragi

⊗ According to expectation, no special remarks
■ Problem occured - see enclosed footnote(s)
⬚ Station did not observe (not scheduled)
○ 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 μsec			−3.11		−8.46	−3.35	7.00		4.04				−32.70				
Clock rate in psec/sec			−0.10		−0.84	−0.85	0.46		0.03				0.07				
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 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**				

Enclosure: Footnotes K-band # 03/I

Footnotes to the Network Monitoring Report: **K-band** # 03/I

General: Place a general comment here

a) Cm, Cambridge: No fringes, probably wrong LO settings

b) Mc, Medicina: No fringes, probably wrong LO settings; initial tape footage was wrong in some scans;
difficulties with head peaking (especially on headstack 2)

c) Nt, Noto: The tape was late; somewhat poorer headstack 2 playback (parity errors ∼1e-3)

d) Sh, Shanghai: Occasional faint fringes

e) Ur, Urumqi: Somewhat poorer headstack 2 playback (parity errors ∼1e-2–1e-3); amplitude was low in BBC03, upper sideband

f) Mh, Metsähovi: Very much improved playback on headstack 1, as though tracks 19, 29–33 still have problems (parity errors ∼1e-2)

Questions? paragi@jive.nl

Report ends