

Network Monitoring Report: M-band # 04/I

Source: J0217+0144,J0219+0120,3C84 **Length:** 345 min. **Observing mode:** Mk IV, mode 256-8-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 07/11/04 **Reference date:** 07/11/04; 312d 18h 00
Experiment code: N04M1 **Date of report:** 17/12/04 **by:** A. Brunthaler

- ⊗ 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	Da	Mc	Nt	On	Sh	Tr	Ur	Wb	Ar	Hh	Mh	Yb	Wz	Ro	Sm
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Station produced fringes (disk)	⊗	⊗	■	■	⊗	⊗		■		⊗		⊗					
Filled in TRACK	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
GPS data available (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Disks are available (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Feedback on www (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	■	⊗		⊗		⊗		⊗					
Clock offset in μ sec	932.2500	-6.394	40.8300	-92.5372	7.9924	18.317		7.2554		22.6370		-1.7968					
Clock rate in psec/sec	-0.402	-4.3	-0.402	3.41	2.45	0.76		0.36		0.181		0.128					
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗		⊗		⊗		⊗					
Phase cal aligns phases	○	○	○	○	○	○		○		○		○					
Please check VC number(s):																	
Previous reported problem(s) corrected	○	○	○	○	○	○		○		○		○					
Problem(s) first reported	○	○	○	○	○	○		○		○		○					
See enclosed footnote(s):			a	b	c			d									

Enclosure: Footnotes M-band # 04/I

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

General: Place a general comment here

N04M1 is a two mode experiment. One mode covered the Methanol band (6668 MHz), while the other moded covered OH (6033MHz).

a) **Da, Darnhall:** Darnhall was used instead of Jodrell Bank. LO was incorrectly set for OH band until about 23:10 UT. Methanol band was correct.

b) **Mc, Medicina:** No fringes in the OH band. Methanol band was good. Reason unclear.

c) **Nt, Noto:** Observed after the H-maser was used again. Values in GPS files and FS log were 10 microsec different. FS log value closer to correct value.

d) **Tr, Torun:** No fringe in the OH band, due to a scheduling error that left not enough time to switch receivers.

Questions? brunthaler@jive.nl

Report ends