

Network Monitoring Report: M-band N18M1

Source: J0319+4130,J0237+2848 **Length:** 180 min. **Observing mode:** Mk V, mode 512-18-2, dual pol.
Reference antenna: Medicina **Date of observations:** 27/02/18 **Reference date:** 27/02/18; 058d 13h 00m
Experiment code: N18M1 **Date of report:** 02/08/18 **by:** Katharina Immer

- ⊗ According to expectation, no special remarks
- Problem occurred - see enclosed footnote(s)
- Station did not observe (not scheduled)
- Entry not applicable/investigated

	Jb	Wb	Ef	Mc	Nt	O8	T6	Tr	Ys	Hh	Ib	Sr	Km	Cm	Da	Kn	Ta	De
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Station produced fringes (ftp)	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■	■	■	■
Station produced fringes (disk)	⊗	⊗	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■	■	■	■
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Feedback on www (within 7 days)	■	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	■	■	■	■	■	■
GPS clock estimate gives fringes	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Clock rate in psec/sec	-0.18	0.26	0.14	-0.02	-0.29	-0.40	-0.30	0	-0.27	0.18	-0.25	-0.22	1.17	-	-	-	-	-
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Strong signal amplitude	⊗	⊗	○	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Please check BBC number(s):		8, LCP											7, LCP					
Previous reported problem(s) corrected					■													
Problem(s) first reported																		
See enclosed footnote(s):	a	b	c		d							e	f	g	g	g	g	g

Enclosure: Footnotes M-band N18M1

Footnotes to the Network Monitoring Report: **M-band** N18M1

General:

- a) **Jb, Jodrell Bank:** Problems at the beginning of the experiment (observed from scan 6).
- b) **Wb, Westerbork:** Sampler statistics of subband 8, LCP suboptimal.
- c) **Ef, Effelsberg:** Problems with sub-reflector control computer. No usable data.
- d) **Nt, Noto:** Power in RCP much lower than in LCP (*already reported in N17M1*).
- e) **Sr, Sardinia:** Subband 7, no LL signal (invalid data).
- f) **Km, Kunming:** Fringe only at beginning and end of experiment. Suspiciously flat bandpass in auto-correlations. Large rate.
- g) **Cm, Da, Kn, Ta, De (eMERLIN outstations):** No ftp or disk data sent.

Questions? immer@jive.eu

Report ends