

# Network Monitoring Report: **M-band** N14M1

**Source:** 3C48, J2202+4216, DA193, J0552+3754    **Length:** 180 min.    **Observing mode:** Mk IV, mode 128-16-2, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 01/03/14    **Reference date:** 01/03/14; 060d 12h 30m  
**Experiment code:** N14M1    **Date of report:** 01/05/14    **by:** Gabriele Surcis

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

	Ef	Wb	Jb	On	Mc	Nt	Tr	Ys	Sh	T6	Td	Yd	Md	Sd
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 $\mu\text{sec}$	-19.852	90.884	-1.209	100.075	-4.966	-3.826	-12.184	4.774	10.968	64.710	-10.722	5.936	-3.700	27.791
Clock rate in psec/sec	-0.197	0.174	-0.229	0.424	0.075	-0.225	-17.600	0.283	0.693	0.345	-17.600	0.283	0.075	0.345
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗
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 N14M1

# Footnotes to the Network Monitoring Report: **M-band** N14M1

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**General:** Td is Tr with DBBC, Yd is Ys with DBBC, Md is Mc with DBBC, and Sd is T6 with DBBC.

a) **Nt, Noto:** RR amplitude greater than LL amplitude in subband 0 (IF1 in pipeline plots), see n14m1-cross-01.ps of the standard plots.

b) **Tr, Torun:** Weak fringes in subbands 6 and 7 (IF7 and 8 in pipeline plots).

c) **Yd, Yebes DBBC:** phase-jumps are observed during the experiment (see n14m1-cross-phas-scan59.ps of the standard plots).

d) **Md, Medicina DBBC:** shows weaker fringes than Mc.

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

Report ends