

Network Monitoring Report: **M-band** N11M3

Source: 3C345, J1640+3946, J1907+0127, W48, OQ208, J2202+4216, J2005+7752
Length: 150 min.
Observing mode: Mk IV, mode 512-8-2, dual pol.
Reference antenna: Effelsberg
Date of observations: 27/10/11
Reference date: 27/10/11;300d 12h 00m
Experiment code: N11M3
Date of report: 13/01/12
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	Jb	Mc	On	Od	Sh	Tr	Wb	Yb
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	-23.865	0.151	-96.611	-14.778		92.741	13.550	72.248	1.045
Clock rate in psec/sec	-2.30	-0.00728	-0.00579	0.508		0.802	0.0605	0.187	0.418
Recording okay	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	○	⊗	⊗	⊗	⊗
Phase cal aligns phases	○	○	○	○	○	○	○	○	○
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		e

Enclosure: Footnotes M-band N11M3

Footnotes to the Network Monitoring Report: **M-band** N11M3

General: This experiment was correlated by using the software correlator.

a) **Ef, Effelsberg:** Lost some scans due to elevation tracking problems (from station feedback).

b) **Od, Onsala:** Onsala sent DBBC data as well listed as 'Od' here.

c) **Sh, Shanghai:** The 100 MHz of the receiver was not locked (from station feedback). No fringes in any Subbands.

d) **Tr, Torun:** No fringes in BCC6 (Subbands 4 and 5 LCP)

e) **Yb, Yebes:** Lost the first three scans because of problems with the frontend. High Tsys values due to weather conditions (from station feedback).