

# Network Monitoring Report: L-band # 05/VII

**Source:** 3C273B, J1159-2148, ...    **Length:** 300 min.    **Observing mode:** Mk IV, mode 128-4-2, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 08/06/05    **Reference date:** 08/06/05; 159d 04h 00m  
**Experiment code:** N05L4    **Date of report:** 01/09/05    **by:** James M Anderson

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

	Cm	Ef	Jb	Mc	Nt	On	EVN stations		Ur	Wb	Ar	Hh	Mh	Yb	Wz	Affiliated	
							Sh	Tr								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 $\mu$ sec	923.601	0.379	-27.775	-52.094		34.860	67.903	-0.188	1.688	1039.842	1.846	-1.798					
Clock rate in psec/sec	-0.519	-0.343	-0.519	1.200		1.010	0.691	-0.029	0.327	-0.104	1.001	0.140					
Recording okay	⊗	⊗	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗					
Polarization setup okay	⊗	⊗	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗					
Strong signal amplitude	⊗	⊗	⊗	⊗		⊗	⊗	⊗	⊗	⊗	⊗	⊗					
Phase cal aligns phases	○	○	○	○	○	○	○	○	○	○	○	○					
Please check VC number(s):								3									
Previous reported problem(s) corrected	○	○	○	○	○	○	○	○	○	○	○	○					
Problem(s) first reported																	
See enclosed footnote(s):	<b>a</b>					<b>b</b>			<b>c</b>		<b>d</b>	<b>e</b>					

**Enclosure:** Footnotes L-band # 05/VII

## Footnotes to the Network Monitoring Report: **L-band** # 05/VII

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**General:** Place a general comment here

a) **Cm, Cambridge:** Appears to have stopped recording at approximately 04:30 UT, because of an unknown communication problem with the Mk5 system.

b) **Nt, Noto:** On June 4 at about 23:00 UT one of the azimuth engines failed. Noto was not operational during N05L4.

c) **Tr, Torun:** BBC# 3 was unlocked all the time, resulting in loss of data. Used Rubidium frequency standard, because the H-maser was sent to the manufacturer for refurbishment.

d) **Wb, Westerbork:** Real time array control system got stuck from 07:33 to 08:45UT. This seems to be a bug triggered by rebooting an offline system from which one of its programs was started. Array calibration is lost from 06:00 to 08:45

e) **Ar, Arecibo:** Late start to observing. Data recording started at about 08:19 UT, but at that time the telescope was slewing, hence actual data got recorded only by about 08:20 UT. The first scan on the disc has no "scan name".

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

Report ends