Network Monitoring Report: **L-Band** N17L1

Source: J0237+2848, J0956+2515, J0854+2006   **Length:** 180 min.   **Observing mode:** Mk V, mode 512-16-2, dual pol.
Reference antenna: Ef   **Date of observations:** 17/02/25   **Reference date:** 17/02/25; 056d 19h 00m
Experiment code: N17L1   **Date of report:**   23/06/17   **by:** Ross Burns

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

	Jb1	Wb	Ef	Mc	O8	T6	Ur	Tr	Sv	Zc	Bd	Hh	Ir	Ar	Cm	Ro
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	⊗	⊗	⊗	⊗	⊗	⊗	■	■	⊗	⊗	⊗	⊗	○	⊗	○	⊗
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	⊗	○	⊗	○	⊗
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	○	⊗
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	⊗	○	⊗
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	■	○	⊗
Please check BBC number(s):	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

Previous reported problem(s) corrected	
Problem(s) first reported	
See enclosed footnote(s):	1

Enclosure: Footnotes L-Band N17L1

General:

) **Ro:** No FTP data, but disk data is good.

) **Ar:** Sampler stats in the FTP fringe test had a roughly flat ditribution for most channels.

) **Tr:** Fringes well centered using a clock offset of 50.0 us.

) **Ur_DBBC:** Fringes well centered using a clock offset of -26.0 us.

) **Tr:** Tape data was overwritten, FTP data was good.

1) Jb: Good performance but no antabs on vlbeer.

) **Ar:** Post-ftp gaps in the FTP test were too short for operators to manually extract data in time. Schedulers should extend post-grab gaps for future Arecibo NMEs.