

# Network Monitoring Report: **L-band** N15L3

**Source:** J1642+3948 and J1751+0939    **Length:** 180 min.    **Observing mode:** Mk IV, mode 512-16-8, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 15/10/15    **Reference date:** 15/10/15; 288d 11h 30m  
**Experiment code:** N15L3    **Date of report:** 18/12/15    **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	O8	Mc	Tr	Sv	Zc	Bd	Hh	T6	Sh	Ur	Sr	Ir	Ex	Ox
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	-26.035	+0.181	-3.656	+11.571	+0.266	+65.649	+215.709	+212.306	+214.570	+6.635	+16.298	+49.123		0			
Clock rate in psec/sec	-0.069	+0.120	+0.079	+ - 0.013	+0.124	-19.700	-0.053	-0.012	-0.022	+0.189	+0.146	+0.685					
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	■	○	○	○
Polarization setup okay Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	⊗	⊗	⊗
Strong signal amplitude Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	⊗	⊗	⊗
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	⊗	⊗	⊗
Please check VC number(s):																	
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>	<b>a</b>	<b>c</b>

**Enclosure:** Footnotes L-band N15L3

## Footnotes to the Network Monitoring Report: **L-band** N15L3

**General:**

- a) **Ef, Effelsberg:** sent also DIF-format data during the ftp Fringe Tests, listed here as Ex. Started to observe at 12:55 UT because of snow fall.
- b) **O8, Onsala:** sent also DIF-format data during the ftp Fringe Tests listed here as Ox.
- c) **Ur, Urumqi:** Antenna shaft angle encoder fault (from Experiment Feedback).
- d) **Sr, Sardinia:** DBBC configuration problems.
- e) **Ir, Irbene:** used only two channels and only RCP (as expected). JIVE has not received the disk-pack from Irbene yet.

