

Network Monitoring Report: C-band N23C1

Source: J0237+2848, J0319+4130, and J0530+1331 **Length:** 180 min. **Observing mode:** Mk V, mode 4096-16-2, dual pol.
Reference antenna: Effelsberg **Date of observations:** 23/02/23 **Reference date:** 23/02/23; 54d 12h 00m
Experiment code: N23C1 **Date of report:** 04/07/23 **by:** Benito Marcote

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

	Jb1	Wb	Ef	Mc	Nt	O8	T6	Ur	Tr	Ys	Hh	Ib	Cm	Da	Kn	Pi	De
Station has observed	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■	■	■
Station produced fringes (ftp)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○
Station produced fringes (disk)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○
Logs are available (within 72 hours)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○	○
Antabs on vlbeer (within 7 days)	■	⊗	⊗	⊗	⊗	⊗	⊗	■	⊗	⊗	⊗	■	○	○	○	○	○
Feedback on www (within 7 days)	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	■	■	■	■	■
GPS clock estimate gives fringes	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○
Clock rate in psec/sec	0.019	0.10	0.09	-0.018	-0.128	-0.61	0.79	-0.39	0	1.39	0.05	0.93	0.56				
Recording okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○
Polarization setup okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○
Strong signal amplitude	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○
Sampler statistics okay	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	○	○	○	○
Please check BBC number(s):																	
Previous reported problem(s) corrected									⊗								
Problem(s) first reported																	
See enclosed footnote(s):						a	b	c	a				d	e	e	e	e

Enclosure: Footnotes C-band N23C1

Footnotes to the Network Monitoring Report: C-band N23C1

General:

- a) O8, Onsala:** Tested in parallel the DBBC3. These data have not been correlated yet.
- a) Ys, Yebe:** Tested in parallel the DBBC3. These data have not been correlated yet.
- b) T6, Tianma:** No fringes obtained until the last scan, after locally restarting the system.
- c) Tr, Torun:** Phases show an instability every few minutes, after which they come back to the regular state. This has been reported during the previous months. The origin of the issue has already been identified during some test observations in Spring 2023.
- d) Cm, Cambridge:** Sampler stats are quite off, showing an effectively 1-bit equivalent data (almost all signal within only two states).
- e) Da, Darnhall:** Could not observe due to technical issues with the WIDAR correlator.
- e) Kn, Knockin:** Could not observe due to technical issues with the WIDAR correlator.
- e) Pi, Pickmere:** Could not observe due to technical issues with the WIDAR correlator.
- e) De, Defford:** Could not observe due to technical issues with the WIDAR correlator.

Questions? marcote@jive.eu

Report ends