

Network Monitoring Report: C-band N19C3

Source: J2031+1219 and J1310+3220
Reference antenna: Effelsberg
Experiment code: N19C3

Length: 180 min.
Date of observations: 25/10/19
Date of report: 24/01/20
Observing mode: Mk V, mode 512-18-2, dual pol.
Reference date: 25/10/19; 298d 13h 00m
by: Benito Marcote

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

	Jb	Wb	Ef	Mc	O8	T6	Ur	Tr	Ys	Hh	Sv	Zc	Bd	Ir	Km	Ar
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	0.030	-0.15	0.27	-0.093	-0.48	0.82	1.59	0.0	-0.15	0.054	-0.14	-0.14	-0.10	0.96	0.0	-
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			d				e	f	

Enclosure: Footnotes C-band N19C3

Footnotes to the Network Monitoring Report: C-band N19C3

General:

- a) **O8, Onsala:** Telescope stowed due to strong winds. It only joined for the last 5 minutes. P-cal signal was ON.
- b) **T6, Tianma:** Gains are significantly off from nominal values (gain correction factor of ~ 0.27).
- c) **Ur, Urumqi:** No fringes found during the NME. The 10 MHz frequency synthesizer was unstable but was fixed right after the NME.
- d) **Hh, Hartebeesthoek:** Fringes not found for unknown reasons.
- e) **Km, Kunming:** Sent both mark5 and vdif data, showing consistent data. No ANTAB information provided.
- f) **Ar, Arecibo:** Wrong sample stats due to a miss-tuning of the rms RDBE levels. Working on it after the NME.

Questions? marcote@jive.eu

Report ends