

# Network Monitoring Report: C-band N16C3

**Source:** J1848+3219    **Length:** 150 min.    **Observing mode:** Mk V, mode 512/2048-8-2, dual pol.  
**Reference antenna:** Effelsberg    **Date of observations:** 21/10/16    **Reference date:** 21/10/16; 295d 12h 00m  
**Experiment code:** N16C3    **Date of report:** 24/03/17    **by:** Jay Blanchard

- ⊗ 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    | Nt    | O8    | T6   | Ur   | Tr | Ys   | Sv    | Zc    | Bd    | Hh   | Cm    | Km     | Ir           |
|--|-------|------|-------|-------|-------|-------|------|------|----|------|-------|-------|-------|------|-------|--------|--------------|
| 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       | ○     | ⊗    | ⊗     | ⊗     | ⊗     | ⊗     | ⊗    | ○    | ⊗  | ⊗    | ⊗     | ⊗     | ⊗     | ⊗    | ○     | ⊗      | ■            |
|  | 0.026 | 0.18 | 0.012 | -0.18 | -0.81 | -0.20 | 0.39 | -1.3 | 0  | 0.70 | -0.53 | -0.12 | -0.22 | 0.42 | 0.030 | -0.039 | 1.23         |
| Recording okay                         | ■     | ⊗    | ⊗     | ⊗     | ⊗     | ⊗     | ⊗    | ○    | ⊗  | ⊗    | ⊗     | ⊗     | ⊗     | ⊗    | ■     | ⊗      | ⊗            |
| Polarization setup okay                | ○     | ⊗    | ⊗     | ⊗     | ⊗     | ⊗     | ⊗    | ○    | ⊗  | ⊗    | ⊗     | ⊗     | ⊗     | ⊗    | ○     | ⊗      | ⊗            |
| Strong signal amplitude                | ○     | ⊗    | ⊗     | ⊗     | ⊗     | ⊗     | ⊗    | ○    | ⊗  | ⊗    | ⊗     | ⊗     | ⊗     | ⊗    | ○     | ⊗      | ⊗            |
| Sampler statistics okay                | ○     | ⊗    | ⊗     | ⊗     | ⊗     | ⊗     | ⊗    | ○    | ⊗  | ⊗    | ⊗     | ⊗     | ⊗     | ⊗    | ○     | ⊗      | ⊗            |
| Please check BBC number(s):            | ■     | ⊗    | ⊗     | ⊗     | ⊗     | ⊗     | ⊗    | ○    | ⊗  | ⊗    | ⊗     | ⊗     | ⊗     | ⊗    | ■     | ⊗      | ⊗            |
|  |       |      |       |       |       |       |      |      |    |      |       |       |       |      |       |        | 03:L<br>11:L |
| Previous reported problem(s) corrected |       |      |       |       |       |       |      |      |    |      |       |       |       |      |       |        |              |
| Problem(s) first reported              |       |      |       |       |       |       |      |      |    |      |       |       |       |      |       |        |              |
| See enclosed footnote(s):              | a     | b    |       |       |       |       |      |      |    |      |       |       |       |      |       | c      | d            |

**Enclosure:** Footnotes C-band N16C3

# Footnotes to the Network Monitoring Report: C-band N16C3

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## General:

- a) **Jb, Jodrell Bank:** Jodrell Bank appears to have been in the wrong MK5 mode all experiment. Initially in mk5b\_mode=ext,0xfffff,,16.00 then VDIIF\_800-512-16-2 then mk5b\_mode=ext,0xfffff,,32.0. No antabis sent. No feedback on feedback pages.
- b) **Ur, Urumqi:** Urumqi did not observe due to a broken receiver.
- c) **Cm, Cambridge:** Cambridge and other MERLIN stations did now show fringes. Often the sampler stats look strange. Data looks mangled.
- d) **Ir, Irbene:** Irbene had a strange clock offset when transferring data, forcing manual selection of data 11 seconds from expected. Data themselves appeared fine however (and correctly timestamped). Merely an extraction problem?

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*Questions? [blanchard@jive.eu](mailto:blanchard@jive.eu)*

Report ends