

RELEASE NOTICE

15 September 2009

TO: DSN Document 810-005 Distribution
FROM: DSN Systems Engineering Group (333F)
SUBJECT: Release 18 for DSN Document 810-005

Modules 101, 104, and 105 for Document 810-005, Deep Space Network (DSN) Telecommunications Link Design Handbook have been updated and are being released. Also, Modules 102, 204, 212 and 213 have been removed because the 26-m antenna subnet has been decommissioned. A summary of changes and the affected Modules for this release 18 is as follows.

101 Rev C: Replaced DSMS with DSN. Correctly stated that 400-kW S-band uplink is available at DSS-43 only. Included frequency range for support for this uplink capability. DSS-14 S-band radar transmitter removed in Figure 1.

104 Rev E: Updated Ka-band G and T parameters for DSS-54 and DSS-55 in Table A-4. HEMT numbering has also been corrected in Table A-4.

105 Rev D: Corrected the order and labels for Equations (10) and (11).

102, 204, 212, 213: Removed because of 26-m subnet decommissioning.

A copy of Modules 101C, 104E, and 105D can be obtained at the following URL:

<http://deepspace.jpl.nasa.gov/dsndocs/810-005/>

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