

RELEASE NOTICE

September 04, 2020

TO: DSN Document 810-005 Distribution
FROM: DSN Systems Engineering
SUBJECT: Release 52 for DSN Document 810-005

Modules 201D and 301M for Document 810-005, Deep Space Network (DSN) Telecommunications Link Design Handbook have been revised and are being released. A summary of changes for the affected Module is as follows:

201, Rev. D; Frequency and Channel Assignments

- Added K-band to Table 1 and 2
- Updated Table 3 and 4 per SFCG recommendations
- Added Ka-band channels (Table 6-1, 6-2, 6-3) per SFCG recommendations

301, Rev. M; Coverage and Geometry

- New Download Spreadsheet for Spacecraft Coverage and Visibility.
- New Download Spreadsheet for Antenna Horizon Masks.
- New for DSN antenna horizon masks.
- Update to coverage charts.
- Update to horizon masks.
- Updated references to DSS-43 100 kW S-band and 80 kW X-band transmitters.
- Updated with latest DSS-56 location.

A copy of the updated modules can be obtained at the following URL:

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

Should you want to subscribe, unsubscribe, or have further questions about this document release notice, please contact Christine Chang at 818-354-4264 or send email to Christine.Chang@jpl.nasa.gov

Should you have any technical questions regarding an 810-005 module, please see the contact list at the following URL:

<https://deepspace.jpl.nasa.gov/dsndocs/810-005/contact-us/>

A copy of this release notice is also available at:

<https://deepspace.jpl.nasa.gov/dsndocs/810-005/relnotice52.pdf>