

RELEASE NOTICE

April 02, 2021

TO: DSN Document 810-005 Distribution
FROM: DSN Systems Engineering
SUBJECT: Release 55 for DSN Document 810-005

Modules 104M, 107E, and 205F 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 Modules is as follows:

- **104 (Revision M); 34-m BWG Stations Telecommunications Interfaces**
 - Documented the S-, X-, K-, Ka-band G and T (vacuum gain and T-antenna-microwave) for new antenna DSS-56.
 - Included block diagrams for future un-built/un-completed antennas DSS-23, 33, 53, in addition to DSS-56.
 - Added K-downlink equipment for DSS-26 (2/2022) and DSS-36 (12/2022), thus all six K-band antennas will show that equipment in the block diagram.
- **107 (Revision E); X-Band Radio Source Catalog**
 - Corrected source name indices
- **205 (Revision F); Command Service**
 - Added DSS-56 S/X-band and DSS-26 S-band
 - Deleted DSS-15
 - Updated DSS-43 power level/EIRP per upgrades
 - Removed Gain/ G/T column, not relevant to cmd

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:

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