

RELEASE NOTICE

February 10, 2017

TO: DSN Document 810-005 Distribution
FROM: DSN Systems Engineering
SUBJECT: Release 41 for DSN Document 810-005

Module 104I, 210B, 211C, 302D, and 901G 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:

- **104, Rev. I; 34-m BWG Antennas Telecommunications Interfaces**
 - Provided all the operating characteristics of new antenna DSS-36 in Canberra
 - Added two new block diagrams to cover the differences between the low-power and high-power feeds of the BWG antennas
 - 80 kW X-band transmitter at DSS-26. DSS-26, -35, and -36 have the new high-power X-band feeds
- **210, Rev. B; Delta Differential One-way Ranging**
 - Provided update for adding DSS-36 and removing DSS-45
- **211, Rev. C; Wideband Very Long Baseline Interferometry**
 - Provided update for adding DSS-36 and removing DSS-45
- **302, Rev. D; Antenna Positioning**
 - Provided pointing performance of DSS-36
- **901, Rev. G; Handbook Glossary**
 - Updated terms used by various 810-005 modules.

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

<http://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:

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

A copy of this release notice is also available at:

<http://deepspace.jpl.nasa.gov/dsndocs/810-005/relnote41.pdf>