

RELEASE NOTICE

January 22, 2019

TO: DSN Document 810-005 Distribution
FROM: DSN Systems Engineering
SUBJECT: Release 45 for DSN Document 810-005

Module 202 for Document 810-005, Deep Space Network (DSN) Telecommunications Link Design Handbook has been revised and is being released. A summary of changes for the affected Modules is as follows:

- **202, Rev. C; Doppler Tracking**
 - Changed module title from “34-m and 70-m Doppler” to “Doppler Tracking”
 - Added new equation on data imbalance, added new equations on uplink noise affecting coherent operation, added new equations on the effect of phase noise, and corrected equations on phase scintillation.

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:

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<http://deepspace.jpl.nasa.gov/dsndocs/810-005/relnote45.pdf>