

## ***RELEASE NOTICE***

August 03, 2023

TO: DSN Document 810-005 Distribution  
FROM: DSN Systems Engineering  
SUBJECT: Release 64 for DSN Document 810-005

Revisions have been made to Modules 103D and 214C of Document 810-005, the Deep Space Network (DSN) Telecommunications Link Design Handbook, and these updated modules are now being released. The summary of changes for the affected Modules is as follows:

- **103 (Revision D); 34-m HEF Subnet Telecommunications Interface**
  - Decommissioned DSS-15 and DSS-45.
  - Showed parameters only for DSS-65.
- **214 (Revision C); 34-m HEF Subnet Telecommunications Interface**
  - Modified Equation (34) of 214B, which is now Equation (40) of 214C.
  - Added equations for filtering of feedthrough command by ranging channel.
  - Added models for effect of interference on range measurement.

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](mailto: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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