

RINEX 3.03 Release Notes

Major RINEX 3.03 Changes:

1. Added the Indian Regional Navigation Satellite System (IRNSS)
2. Updated the IONOSPHERIC CORR record format and specification
3. Updated the LEAP SECONDS record format and specification
4. Updated the TIME SYSTEM CORR record format and specification
5. Changed the BeiDou B1 observation codes back to the RINEX 3.01 convention
6. Clarified the GPS Navigation message fit interval (time period in hours)
7. Clarified the QZSS Navigation message fit interval (a flag (0/1))
8. Updated the document to more clearly indicate that only known tracking modes are supported in SYS/#/OBS TYPES records
9. Added text to describe Galileo Navigation message: Issue of Data, I/NAV and F/NAV issues to Section 8.3.2 and A8 BROADCAST ORBIT-5
10. Added several sample data formats to the Appendix
11. Allow unknown GLONASS COD/PHS/BIS message definition
12. Clarified that the GLONASS SLOT / FRQ# message is mandatory

Other Changes:

1. Numerous description improvements, clarifications and typo corrections. See Revision History for details.

Acknowledgments:

- Many thanks to all RINEX Working Group members for comments and corrections
- Dr. Oliver Montenbruck provided draft IRNSS, RINEX 3 notes
- Dr. Lui Hui updated the BeiDou section on behalf of the BeiDou Office

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