

What is new?

Part 1: RDS system: Modulation characteristics and baseband coding

- IEC 62106 has been split into several parts.
- Provision has been made to carry RDS on multiple data-streams (RDS2).

Part 2: RDS message format, coding and definition of RDS features

- Data in the additional data-streams is using a newly defined group type C data structure.
- AF coding below 87,6 (down to 64,1) MHz using ODA-AID 0x6365 (see IEC 62106-6).
- Long PS (UTF-8) support has been added using group type 15A.
- Coding for the following applications is no longer detailed in the RDS standard as these can use in future the ODA concept: EWS, TDC, IH and RP.
- Obsolete and no longer part of the RDS standard are: MS (in Groups 0A, 0B and 15B) certain DI codes (mono/stereo, artificial head, compression), Language code and PIN (in Group 1A).

Part 3: Coding and registration of Open Data Applications ODAs

- For Open Data Applications in addition to the already existing 37- and 21-bit data group structures a new 56-bit / 7-byte data group structure has been added, see IEC 62106-3.
- A range of ODA-AIDs has been reserved for testing.

Part 4: Registered code tables

- The country identification table has been updated by adding some countries.
- Translated PTY terms for 20 languages have been added.

Part 5: Marking of RDS and RDS2 devices

- A logo for RDS2 has been added.
- New are receiver profiles, conformity requirements, certification and compliance test.

Part 6: Compilation of technical specifications for Open Data Applications in the public domain

- New are AF coding below 87,5 (down to 64,0) MHz using ODA-AID 0x6365.
- RT+ can now be used simultaneously for RT and eRT, each having its own RT+ ODA.
- Data-streams 1 – 3 are exclusively UTF-8 coded. For backwards compatibility UCS-2 encoded eRT on data-stream 0 is retained.

Part 7: RBDS – Will be available in mid-2017

Part 8: Universal Encoder Communication Protocol UECP – Will be available in mid-2017