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Specification of the radio data system (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

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This International Standard IEC 62106 has been prepared by the IEC Subcommittee 100A: Multimedia end-user equipment, of the Technical Committee 100: Audio, video and multimedia systems and equipment.

This standard is based on the European CENELEC Standard EN 50067:1998 prepared by the RDS Forum, using an earlier specification [8] that was originally developed within the European Broadcasting Union. It was submitted to the National Committees for voting under the Fast Track Procedure as the following documents:

FDIS	Report on voting
100A/134A/FDIS	100A/139/RVD

Full information on the voting for the approval of this standard can be found in the report indicated in the above table.

Attention is drawn to the fact that there may be Intellectual Property Rights (IPR) in relation to certain provisions of this standard. IPR holders should notify the IEC of their claims.

This publication has not been drafted in complete accordance with the ISO/IEC Directives, Part 3.

Annexes B, C, G, H, K, L and Q are for information only.

Annexes A, D, E, F, J, M, N, and P form an integral part of this standard.

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ANNEXES

0 Scope

The Radio Data System, RDS, is intended for application to VHF/FM sound broadcasts in the range 87.5 MHz to 108.0 MHz which may carry either stereophonic (pilot-tone system) or monophonic programmes. The main objectives of RDS are to enable improved funtionality for FM receivers and to make them more user-friendly by using features such as Programme Identification, Programme Service name display and where applicable, automatic tuning for portable and car radios, in particular. The relevant basic tuning and switching information therefore has to be implemented by the type 0 group (see 3.1.5.1), and it is not optional unlike many of the other possible features in RDS.