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Railway applications — Train Modes functional interface specification

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National foreword

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A list of organizations represented on this committee can be obtained on request to its secretary.

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Railway applications - Train Modes functional interface specification

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Foreword

This document (CLC/TR 50610:2014) has been prepared by WG15 of the Technical Committee CENELEC TC 9X, "Electrical and electronic applications for railways".

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

The text was obtained as transposition of the functional interface specification CIS TrainmodesRpt_V32007 09 3 produced as output of the European research project MODTRAIN.

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1 Scope

The scope of this Technical Report is to provide an overview of the Train Modes, their management and their functional interfaces.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

UIC 438, *Uniform numerical marking of railway rolling stock*

UIC 556, *Information transmission in the train (train bus) - General dispositions*

UIC 612-1, *Rolling Stock configurations and main activated functions for EMU/DMU, Locomotives and Driving Coaches – Operational configurations and driver procedures*

3 Terms, definitions and abbreviations

For the purposes of this document, the following terms, definitions and abbreviations apply.

3.1 Terms

3.1.1

configuration

action which affects the system function

3.1.2

parameterisation

action which affects the system behaviour

3.2 Abbreviations

All the abbreviations used in this document are listed in Table 1, in alphabetic order referenced to their term.