

DIN EN 16157-4:2019-12 (E)

Erscheinungsdatum: 2019-11-15

Intelligent transport systems - DATEX II data exchange specifications for traffic management and information - Part 4: VMS publication; English version EN 16157-4:2019

Contents

Page

European foreword.....	4
Introduction	5
1 Scope.....	6
2 Normative references.....	7
3 Terms and definitions	7
4 Symbols and abbreviations	8
5 Conformance.....	8
6 UML notation	8
7 The VMS model.....	9
7.1 Overview of the VMS model.....	9
7.2 The VMS Table Publication model.....	9
7.3 The VMS Table Publication package	9
7.3.1 Overview of the VMS Table Publication package.....	9
7.3.2 Semantics of the VMS Table Publication package	10
7.4 The VMS Publication model.....	12
7.5 The VMS Publication package.....	12
7.5.1 Overview of the VMS Publication package.....	12
7.5.2 Semantics of the VMS Publication package.....	13
7.6 The Fault Package	14
7.6.1 Overview of the Fault package	14
7.6.2 Semantics of the Fault Publication package	14
7.7 The Graphic Data Dictionary package	15
7.7.1 Overview of the Graphic Data Dictionary package	15
7.7.2 Semantics of the Graphic Data Dictionary package	15
7.8 The Vms Status package	16
7.8.1 Overview of the Vms Status package.....	16
7.8.2 Semantics of the VMS Status package	18
7.9 The Vms Message package.....	20
7.9.1 Overview of the Vms Message package	20
7.9.2 Semantics of the VMS Message package.....	21
Annex A (normative) Data Dictionary	24
A.1 Overview	24
A.2 Data Dictionary for "VMS"	25
A.2.1 "Classes" package	25
A.2.2 "Fault" package	28
A.2.3 "GraphicDataDictionary" package	29
A.2.4 "VmsMessage" package	31
A.2.5 "VmsPublication" package.....	39
A.2.6 "VmsRelated" package.....	39
A.2.7 "VmsStatus" package.....	44

A.2.8	"VmsTablePublication" package.....	49
A.3	Data Dictionary of <<D2Datatype>> for "VMS"	50
A.3.1	Introduction	50
A.3.2	The <<D2Datatype>> "GddPictogramCategoryCode"	50
A.4	Data Dictionary of<<D2Enumeration>> for "VMS"	50
A.4.1	Introduction.....	50
A.4.2	The <<D2Enumeration>> "CodedReasonForSettingMessageEnum"	50
A.4.3	The <<D2Enumeration>> "ColourEnum"	51
A.4.4	The <<D2Enumeration>> "GddServiceCategory"	51
A.4.5	The <<D2Enumeration>> "ImageFormatEnum"	52
A.4.6	The <<D2Enumeration>> "PhysicalMountingEnum"	52
A.4.7	The <<D2Enumeration>> "PositionAbsoluteEnum"	52
A.4.8	The <<D2Enumeration>> "PositionRelativeEnum"	53
A.4.9	The <<D2Enumeration>> "VmsDatexPictogramEnum"	53
A.4.10	The <<D2Enumeration>> "VmsDatexSupplementalPictogramEnum"	55
A.4.11	The <<D2Enumeration>> "VmsFaultEnum"	57
A.4.12	The <<D2Enumeration>> "VmsLuminanceLevelEnum"	58
A.4.13	The <<D2Enumeration>> "VmsMessageInformationTypeEnum"	59
A.4.14	The <<D2Enumeration>> "VmsTypeEnum"	60
Annex B (normative)	Referenced XML Schema for Vms related Publications	61
B.1	Overview	61
B.2	Schema.....	61
	Bibliography	77