ISO 17262:2012-09 (E)

Intelligent transport systems - Automatic vehicle and equipment identification - Numbering and data structures

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Symbols and abbreviated terms 2

5 Components of AVI/AEI for intermodal goods transport 3
5.1 Context 3
5.2 General 3

6 Overview of data definitions 4

7 Data definitions 6
7.1 `Access Control Status' 6
7.2 `AEI Message Type' 6
7.3 CS9 :SwapBodyStructure 6
7.4 CS10 : `Freight Land Conveyance Content Information' 7
7.5 CS11: ITS consignment in UBL format 9
7.6 `Display Message Type' 34
7.7 Message information 34
7.8 `Position' 34
7.9 Geographic point location 35
7.10 `Reader Location' 35
7.11 `Terminal Monitoring Type' 35
7.12 `Transport Component Status' 36
7.13 `Transport Object Identifier' 36
7.14 `Transport Object Type' 36
7.15 `Transport Object Message Type' 36
7.16 UN/LOCODE 37

Annex A (normative) ASN.1 Module for intermodal goods transport numbering and data structures 38

Annex B (informative) Examples of intermodal transport AEI applications 52

B.1 Example scenario for division of data between different components 52
B.2 AEI System architecture based on the European INTERPORT project 53

Annex C (informative) Examples on the use of intermodal goods transport numbering and data structures 55

C.1 ASN. 1 introduction and general explanation 55
C.2 Examples on encoding of data 55

Bibliography 58