2 Normative references

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

In addition to the references listed below, Annex A identifies a large number of international standards that may be used in the identification, labelling and communication with the contents of a land conveyance. Data may conform to any of the international standards listed below, but shall conform to at least one of the international standards listed below or in Annex A.

- ISO 6346, *Freight containers — Coding, identification and marking*
- ISO 7372, *Trade data interchange — Trade data elements directory*
- ISO 13183, *Intelligent transport systems — Communications access for land mobiles (CALM) — Using broadcast communications*
- ISO/TR 14813-2, *Transport information and control systems — Reference model architecture(s) for the TICS sector — Part 2: Core TICS reference architecture*
- ISO 17261, *Intelligent transport systems — Automatic vehicle and equipment identification — Intermodal goods transport architecture and terminology*
- ISO 17262, *Intelligent transport systems — Automatic vehicle and equipment identification — Numbering and data structures*
- ISO 17263, *Intelligent transport systems — Automatic vehicle and equipment identification — System parameters*
- ISO 17264, *Intelligent transport systems — Automatic vehicle and equipment identification — Interfaces*
- ISO 17687, *Transport Information and Control Systems (TICS) — General fleet management and commercial freight operations — Data dictionary and message sets for electronic identification and monitoring of hazardous materials/dangerous goods transportation*
- ISO 21210, *Intelligent transport systems — Communications access for land mobiles (CALM) — IPv6 Networking*
- ISO 21212, *Intelligent transport systems — Communications access for land mobiles (CALM) — 2G Cellular systems*
- ISO 21213, *Intelligent transport systems — Communications access for land mobiles (CALM) — 3G Cellular systems*
- ISO 21214, *Intelligent transport systems — Communications access for land mobiles (CALM) — Infra-red systems*
- ISO 21215, *Intelligent transport systems — Communications access for land mobiles (CALM) — M5*
- ISO 21216, *Intelligent transport systems — Communication access for land mobiles (CALM) — Millimetre wave air interface*
- ISO 21217, *Intelligent transport systems — Communications access for land mobiles (CALM) — Architecture*
- ISO 21218, *Intelligent transport systems — Communications access for land mobiles (CALM) — Access technology support*
- ISO/IEC/IEEE 21451-1, *Information technology — Smart transducer interface for sensors and actuators — Part 1: Network Capable Application Processor (NCAP) information model*
- ISO/IEC/IEEE 21451-2, *Information technology — Smart transducer interface for sensors and actuators — Part 2: Transducer to microprocessor communication protocols and Transducer Electronic Data Sheet (TEDS) formats*
- ISO/IEC/IEEE 21451-4, *Information technology — Smart transducer interface for sensors and actuators — Part 4: Mixed-mode communication protocols and Transducer Electronic Data Sheet (TEDS) formats*
- ISO/IEC/IEEE 21451-7, *Information technology — Smart transducer interface for sensors and actuators — Part 7: Transducer to radio frequency identification (RFID) systems communication protocols and Transducer Electronic Data Sheet (TEDS) formats*
- ISO/TS 24533, *Intelligent transport systems — Electronic information exchange to facilitate the movement of freight and its intermodal transfer — Road transport information exchange methodology*

- [ISO 25111](#), *Intelligent transport systems — Communications access for land mobiles (CALM) — General requirements for using public networks*
- [ISO 25112](#), *Intelligent transport systems — Communications access for land mobiles (CALM) — Mobile wireless broadband using IEEE 802.16*
- [ISO 25113](#), *Intelligent transport systems — Communications access for land mobiles (CALM) — Mobile wireless broadband using HC-SDMA*
- [ISO 26683-2](#), *Intelligent transport systems — Freight land conveyance content identification and communication — Part 2: Application interface profiles*
- [ISO 29281](#), *Intelligent transport systems — Communications access for land mobiles (CALM) — Non-IP networking*
- [ISO 29282](#), *Intelligent transport systems — Communications access for land mobiles (CALM) — Satellite networks*
- [ISO 29283](#), *ITS CALM Mobile Wireless Broadband applications using Communications in accordance with IEEE 802.20*
- IEEE 1512.3, *IEEE Standard for Hazardous Material Incident Management Message Sets for Use by Emergency Management Centers*
- OASIS Universal Business Language v2.1[1]
- OASIS UBL Common Library - - transport library
- OASIS UBL-CommonAggregateComponents-2.1
- CEFACT/TMG/N093, UN/CEFACT Modelling Methodology (UMM)
- − UMM Foundation Module V1.0 (2006)
- − UMM Base Module V1.0 (2006)
- − User Guide UMM 1.0
- UN/CEFACT Core Components Library CCL 10B