

WG9

Title: Integrated Transportation Information, Management and Control

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Draft Document: DIS14827

Title:

Part 1 of DIS14827

Transport Information and Control Systems — Data interfaces between centers for transport information and control systems — Part 1:Message Definition Requirement

Part 2 of DIS14827

Transport Information and Control Systems — Data interfaces between centers for transport information and control systems — Part 2 :DATEX-ASN

Scope:

Part 1 of DIS14827

This Draft International Standard defines the format that should be used to document those end-application messages that are to be exchanged between/among central systems. The format is protocol-independent to the extent practical. For example, this one format can be used to define data exchanges that may apply to DATEX-ASN, CORBA, or other Application Protocols.

Part 2 of DIS14827

DATEX-ASN will allow different systems to exchange relevant data. The relevant data will be contained in end-application messages. Each end-application message will be formally defined as either a 'subscription' or a 'publication' according to the format as specified in ISO 14827-1. DATEX-ASN defines how these end-application messages are packaged to form a complete data packet and also defines the rules and procedures for exchanging these data packets. Systems using DATEX-ASN are free to implement additional end-application functionalities according to the user requirements.

Status of Document: Draft International Standard

Draft Document: 17383

Title:

Part 1 of 17383

Transport information and control systems— Integrated transport management,

information, and control data dictionary — Part 1: General Entity Types

Part 2 of 17383

Transport information and control systems —Integrated transport information, management, and control data dictionary— Part 2: Event Entity Types

Scope:

Part 1 of 17383

This standard provides the data dictionary for integrated transport management, information, and control. This part of ISO 17383 provides data definitions for the general entity types that are not defined elsewhere. The data definitions are presented in a manner compliant with ISO 14817 and sample uses of the data are provided in informative annexes.

Part 2 of 17383

This standard provides the data dictionary for integrated transport management, information, and control. This part of ISO 17383 provides data definitions for those entity types that are related to events. The data definitions are presented in a manner compliant with ISO 14817 and sample uses of the data are provided in informative annexes.

Status of Document: Preliminary Working Item

Draft Document: NP15784

Title:

Part1 of 15784

Transport Information and Control Systems – Data Exchange involving Roadside Modules Communications — Part1 : Structure and Management of Information

Part2 of 15784

Transport Information and Control Systems – Data Exchange involving Roadside Modules Communications — Part2 : Application Profiles

Part3 of 15784

Transport Information and Control Systems – Data Exchange involving Roadside Modules Communications — Part3 : End Application Profiles

Scope:

Part1 of 15784

This section will contain an overview & introduce the data structure & position in the information trail. Specifically, it will define the following 3 ASN.1 information object specifications(IOS): DERM-ENTITY-TYPE, DERM-DATA-ELEMENT, and DERM-IMPORTED-ELEMENT. (It will use ISO WG1 N340, RFC1212, & TS3.2 as Reference document)

Part2 of 15784

This document will provide an overview of how the various protocols defined for center-to-roadside communications can be used to exchange the data reference in

part3. There will be an ANNEX for each specific profile that has been recognized by the ISO standard. This list of profiles will initially include : SNMP, STMP, & possibly SFMP. This document will indicate that any data exchanged using this standard shall be defined in a format as defined by Part1. Part3 will be informative to this document to example data.)

Part3 of 15784

The first draft of this document will be a database containing three tables that parallel the three information object specifications: DERM-ENTITY-TYPE, DERM-DATA-ELEMENT, and DERM-IMPORTED-ELEMENT. The first draft should include (1) all data elements that we wish to import from TS3.4-1996(Global Objects),(2) all new generic data elements that we wish to define for generic roadside modules, and (3) definition of all entity types required to depict the information model of the data that we are defining. Part1 will be a normative reference. The document will indicate that Part2 is an informative reference that defines sample ways to exchange this data.

Status of Document: Committee Draft by August 2001