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AMENDMENT 1
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Intelligent transport systems — Automatic vehicle and equipment identification — Numbering and data structures

AMENDMENT 1

Systèmes intelligents de transport — Identification automatique des véhicules et des équipements — Numérotation et structures des données

AMENDEMENT 1

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This document was prepared by Technical Committee ISO/TC 204, *Intelligent transport systems*.

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

AMENDMENT 1

Introduction

Delete last paragraph.

Page 4, 5.2

Add the en dash to the list items as follows:

— AEI Manager;

— AEI Reader;

— Message Display;

— transport object/TAG.

Page 6, Clause 7

Delete last paragraph "Examples on encoding ...".

Page 6, 7.1.2

Replace definition of AccessControlSyatus by

```
AccessControlStatus::=INTEGER {
   accessOk        (0),
   accessDenied    (1),
   accessPending       (2)
   } (0..255)
```

Page 6, 7.2.2

Replace definition of AEIMessageType by

```
AEIMessageType::=SEQUENCE {
   timereal                    TimeReal,
   --Local time reference  (precision in seconds)
   readerLocation              ReaderLocation,
   terminalMonitoringType      TerminalMonitoringType,
   transportObjectMessageType  TransportObjectMessageType
   --Transport Means, Package, Goods Item
   }
```

Page 7, 7.3.2

Replace definition of CS9 by

```
CS9::=SEQUENCE{
   cs9    SwapBodyStructure,
   fill   BIT STRING (SIZE(6)) -- '000000' for octet alignment of CS9.
   } -- 12 octets
```

Page 7, 7.4.1

Replace definition of MultipleLoadIdentification by

```
MultipleLoadIdentification ::= SEQUENCE{
   identifierCode                                  INTEGER {
      noLoadIdentifier                             (0),
      transportMeansIdentification                 (1), --ISO14816
      intermodalGoodsTransportationIdentification  (2), --ISO17262
      freightContainerIdentification               (3), --ISO17363
      returnableTransportItemsIdentification       (4), --ISO17364
      transportUnitsIdentification                 (5), --ISO17365
      productPackagingIdentification               (6), --ISO17366
      goodsItemsIdentification                     (7), --ISO17367
      electronicSealsIdentification                (15) --ISO18185
 --16-999 Reserved for future use (0 .. 999)
      } (0 .. 999),
   noLoadIdetifier                                 UTF8String OPTIONAL,
   transportMeansIdentification                    UTF8String OPTIONAL,
-- Automatic vehicle and equipment identification -
-- Numbering and data structure,
-- containing the corresponding identifier to be defined in ISO 14816,
   intermodalGoodsTransportIdentification          UTF8String OPTIONAL,
-- Automatic vehicle and equipment identification-
-- Numbering and data structures,
-- containing the corresponding identifier to be defined in ISO17262
   freightContainerIdentification                  UTF8String OPTIONAL,
-- Supply chain applications of RFID,
-- containing the corresponding identifier to be defined in ISO17363
   returnableTransportItemsIdentification          UTF8String OPTIONAL,
-- Supply chain applications of RFID,
-- containing the corresponding identifier to be defined in ISO17364
   transportUnitsIdentification                    UTF8String OPTIONAL,
-- Supply chain applications of RFID,
-- containing the corresponding identifier to be defined in ISO17365
   productPckagingIdentification                   UTF8String OPTIONAL,
-- Supply chain applications of RFID,
-- containing the corresponding identifier to be defined in ISO17366
   goodsItemsIdentification                        UTF8String OPTIONAL,
-- Supply chain applications of RFID,
-- containing the corresponding identifier to be defined in ISO17367
   electronicSealsIdentification                   UTF8String OPTIONAL
-- Freight containers
-- Part 4: Data protection,
-- containing the corresponding identifier to be defined in ISO18185
   }
```

Page 9

Replace the whole content of 7.5 by the following NOTE:

NOTE It is intended to reintroduce CS11 in the next version of this International Standard.

Page 34, 7.6.2

Replace the definition of DisplayMessageType by

```
DisplayMessageType::=SEQUENCE {
   fill                          BIT STRING (SIZE(6)), -- all set to '0'b
   accessControlStatus           AccessControlStatus,
   transportObjectMessageType    TransportObjectMessageType OPTIONAL,
   msgInfo                       MsgInfo OPTIONAL
   }
```

Page 35, 7.10.2

Replace definition of ReaderLocation by

```
ReaderLocation::=SEQUENCE {
   fill              BIT STRING (SIZE(4)), -- all set to '0'b
   readerIdentity    CS2 OPTIONAL, -- Global Manufacturer
   -- Identifier from ENV ISO 14816:2005
   localIdentity     INTEGER(1..65535) OPTIONAL,
   -- Locally determined reader identity
   unlocode          UNLocode OPTIONAL,
   position          Position OPTIONAL
   }
```


Page 35, 7.11.2

Replace definition of TerminalMonitoringType by

```
TerminalMonitoringType::=BIT STRING {
   entry                (0),
   exit                 (1),
   loading              (2),
   unloading            (3),
   stacking             (4),
   unstacking           (5),
   stuffing             (6),
   stripping            (7),
   registration         (8) --automatic reading of transport objects
   } (SIZE(16))
```

Page 36, 7.12.2

Replace definition of TransportComponentStatus by

```
TransportComponentStatus::=INTEGER {
   oK                   (0),
   malFunction          (1),
   batteryLow           (2)
   } (0..255)
```


Page 36, 7.13.2

Replace definition of TransportObjectIdentifier by