

SLOVENSKI STANDARD
SIST EN 61375-2-3:2016/AC2:2017
01-april-2017

**Železniške elektronske naprave - Komunikacijsko omrežje vlaka (TCN) - 2-3. del:
Komunikacijski profil TCN**

Electronic railway equipment - Train communication network (TCN) - Part 2-3: TCN
communication profile

Elektronische Betriebsmittel für Bahnen - Zug-Kommunikations-Netzwerk (TCN) - Teil 2-
3: TCN-Kommunikationsprofil

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Matériel électronique ferroviaire - Réseau embarqué de train (TCN) - Partie 2-3: Profil de
communication TCN

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Ta slovenski standard je istoveten z: [**EN 61375-2-3:2015/AC:2016-11**](#)

ICS:

35.240.60	Uporabniške rešitve IT v prometu	IT applications in transport
45.060.01	Železniška vozila na splošno	Railway rolling stock in general

SIST EN 61375-2-3:2016/AC2:2017 [**en**](#)

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN 61375-2-3:2015/AC:2016-
11**

November 2016

ICS 45.060

English Version

**Electronic railway equipment - Train communication network
(TCN) - Part 2-3: TCN communication profile
(IEC 61375-2-3:2015/COR2:2016)**

Matériel électronique ferroviaire - Réseau embarqué de train (TCN) - Partie 2-3: Profil de communication TCN
(IEC 61375-2-3:2015/COR2:2016)

Elektronische Betriebsmittel für Bahnen - Zug-Kommunikations-Netzwerk (TCN) - Teil 2-3: TCN-Kommunikationsprofil
(IEC 61375-2-3:2015/COR2:2016)

This corrigendum becomes effective on 4 November 2016 for incorporation in the English language version of the EN.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Endorsement notice

The text of the corrigendum IEC 61375-2-3:2015/COR2:2016 was approved by CENELEC as EN 61375-2-3:2015/AC:2016-11 without any modification.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC 61375-2-3
Edition 1.0 2015-07

ELECTRONIC RAILWAY EQUIPMENT – TRAIN COMMUNICATION NETWORK (TCN) –

Part 2-3: TCN communication profile

CORRIGENDUM 2

5.3.2.3

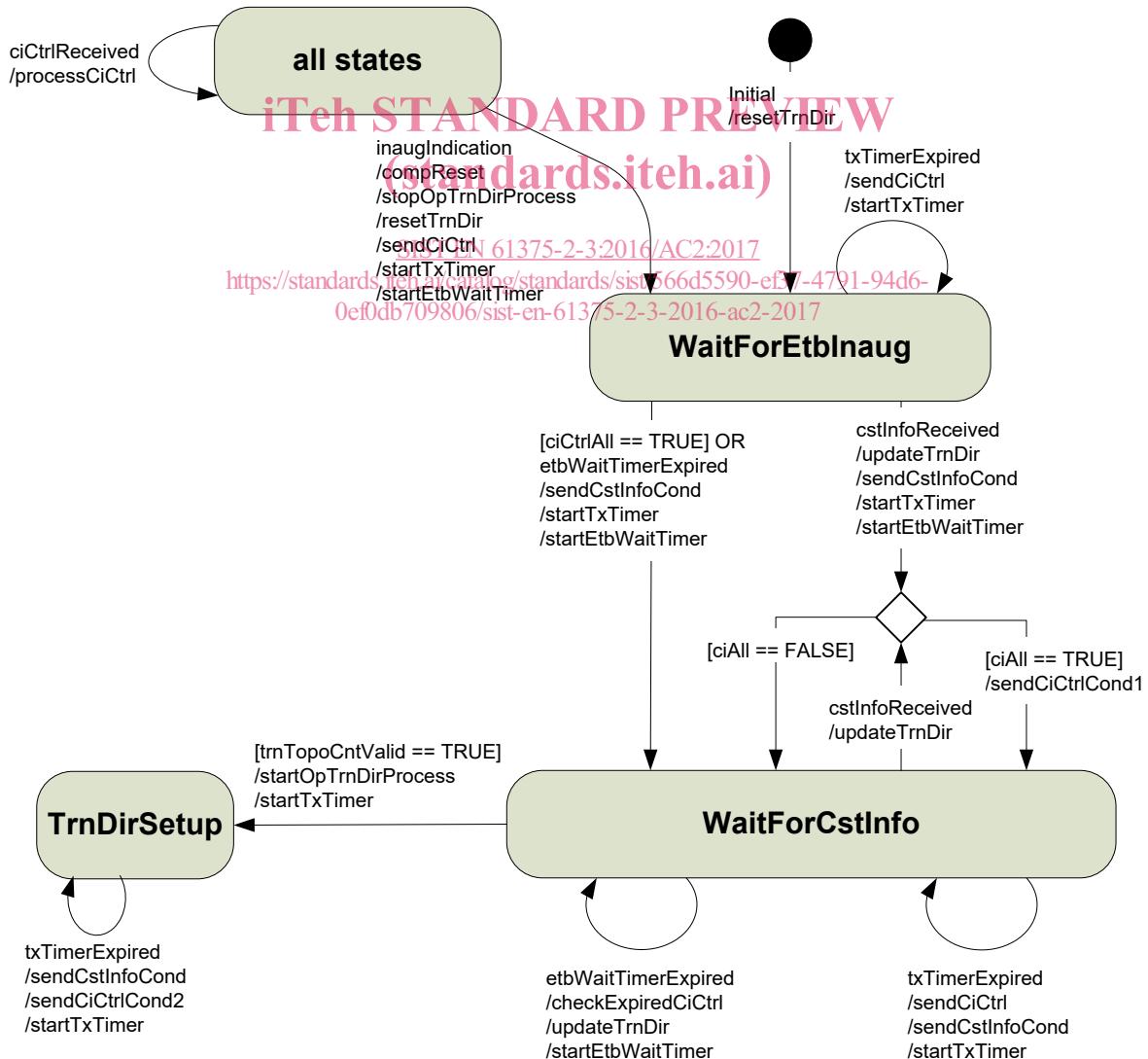
Replace existing Figure 15 by the following new Figure.

Table 5

Add the following entry at the end of the table.

Action	Description
compReset	Reset the composition by triggering the event 'compReset' in the leading function state machine (see 6.5.3.2) and the confirmation/correction state machine (see 6.6.4).

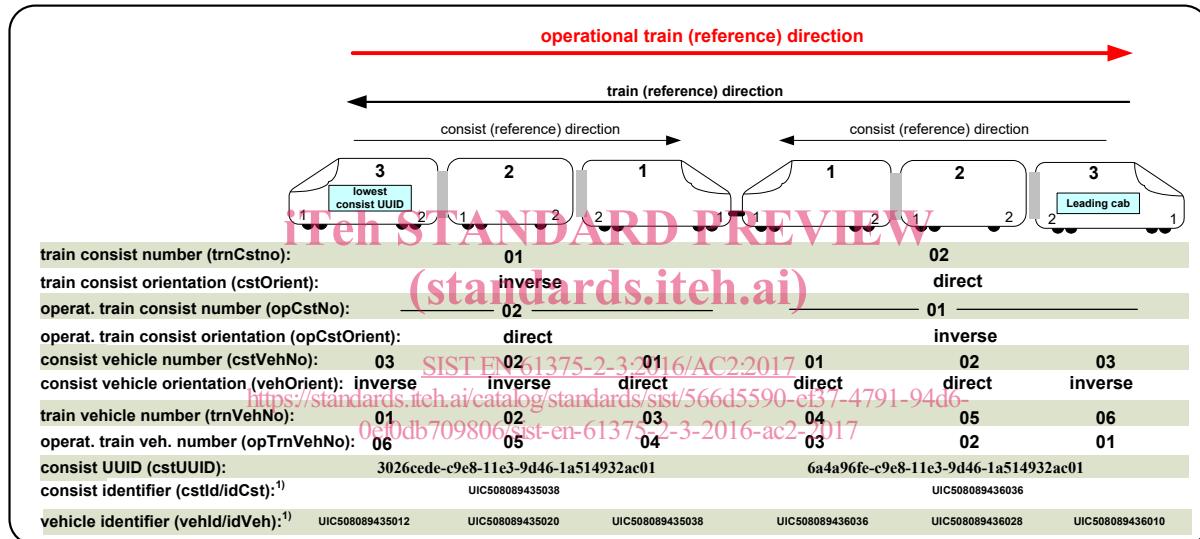
5.3.3.2.16, item d)

Replace existing item d) by the following new text.

d) Setting the topography counter to a value of 0 declares the topography counter to be invalid.

5.4.4.6.1

Replace existing Figure 20 by the following new figure.



¹⁾ Identifiers as defined by UIC are used in these examples, e.g. 'UIC508089435038' corresponds to UIC identifier '50 80 89 - 43 503 - 8'.

5.4.5.2, second paragraph following note 1

Replace the existing text by the following new text.

The decomposition for ETB-related groups is defined as:

11101111.11000001.bbgggggg.gggggggg

5.4.5.2, second paragraph following Table 20

Replace the existing text by the following new text.

The decomposition for ETB-related groups is defined as:

11101111.11000010.bbgggggg.gggggggg

5.5.3 Examples, last bullet item preceding Figure 21

Replace the existing text by the following new text.

- group doorCTRL@fctDoor.anyVeh.cst03.anyCITrn.ITrn in consist 'E'

5.5.3, Example 3, first two sentences

Replace the existing text by the following new text.

The following example shows how a TCN-URI can be resolved to a train wide multicast group address. Here it is assumed that the IP MC group ‘fctDoor’ has been defined as a train wide group with a group Id = 50.

5.5.3, Example 4, text preceding Table 26

Replace the existing text by the following new text.

The following example shows how a TCN-URI can be resolved to a consist-limited multicast group address. Here it is assumed that the two door controllers in consist E form a multicast group with group Id = 50. For resolving the TCN-URI ‘doorCTRL@fctDoor.anyVeh.cst03.anyCITrn.ITrn’ the ETB0 DNS server has to execute the steps as listed in Table 26:

Table 26, step 1, last column

Replace the existing text by the following new text.

= “fctDoor.anyVeh.cst03

Table 26, step 2, second column**iTeh STANDARD PREVIEW**

Replace the existing text by the following new text.

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Lookup ‘cstUUID’ of label ‘cstNo’ = 3 in the train directory of the local TTDB

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6.4.5.2, Table 28, 2nd column, 2nd box <http://standards.iteh.ai/catalog/standards/sist/566d5590-ef37-4791-94d6-0ef0db709806/sist-en-61375-2-3-2016-ac2-2017>

Replace the existing text by the following new text.

Stop processing of the operational train directory, triggered by the train directory computation state machine, see .5.3.2.

If the transmission of ETBCTRL telegram continues, telegram parameter ‘trnTopoCnt’ shall be set to 0 until processing of the operational train directory is restarted (trigger ‘startOpTrnDirProcess’)

6.5.3.2, Figure 30

Replace existing Figure 30 by the following new figure.

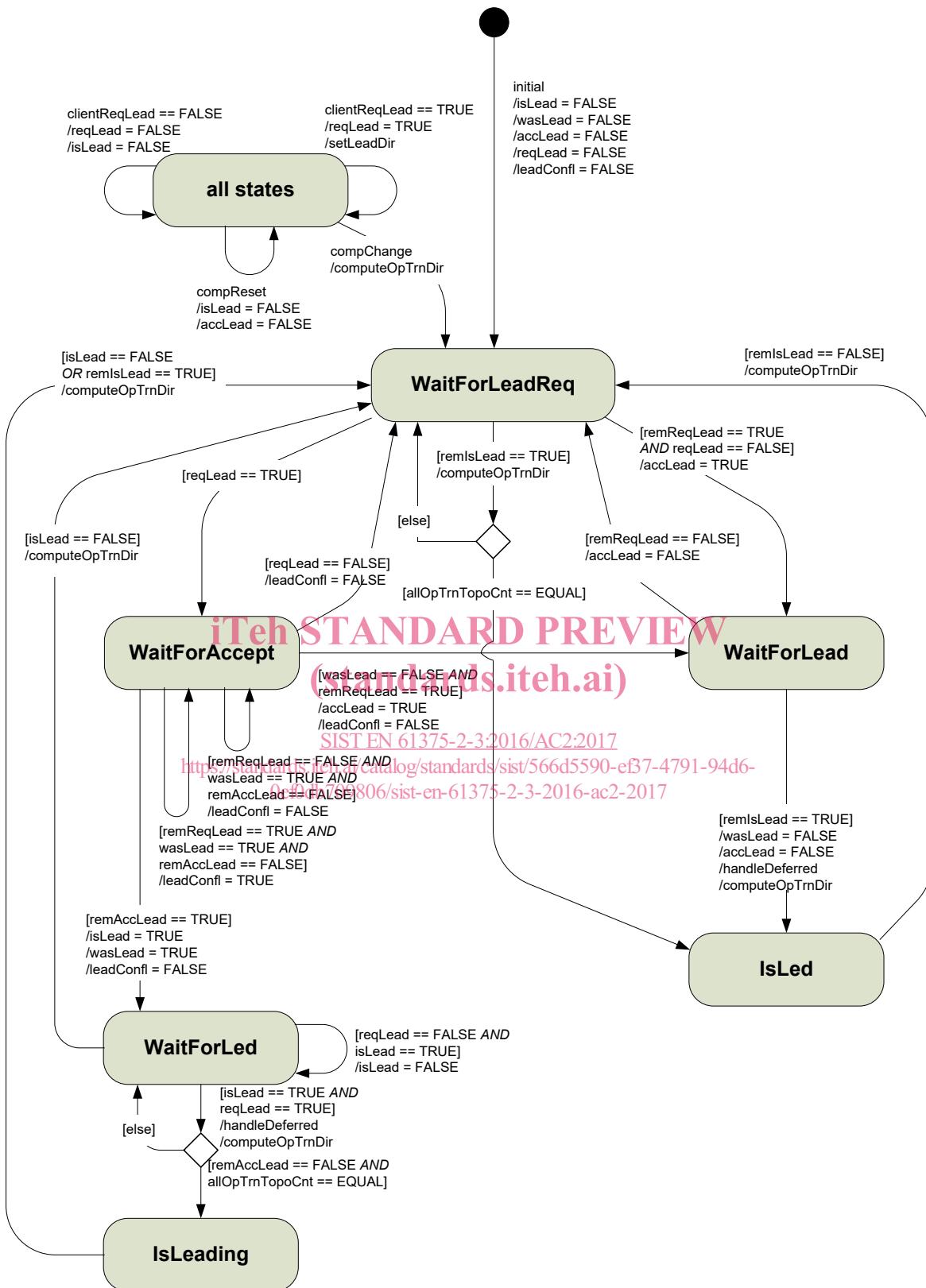


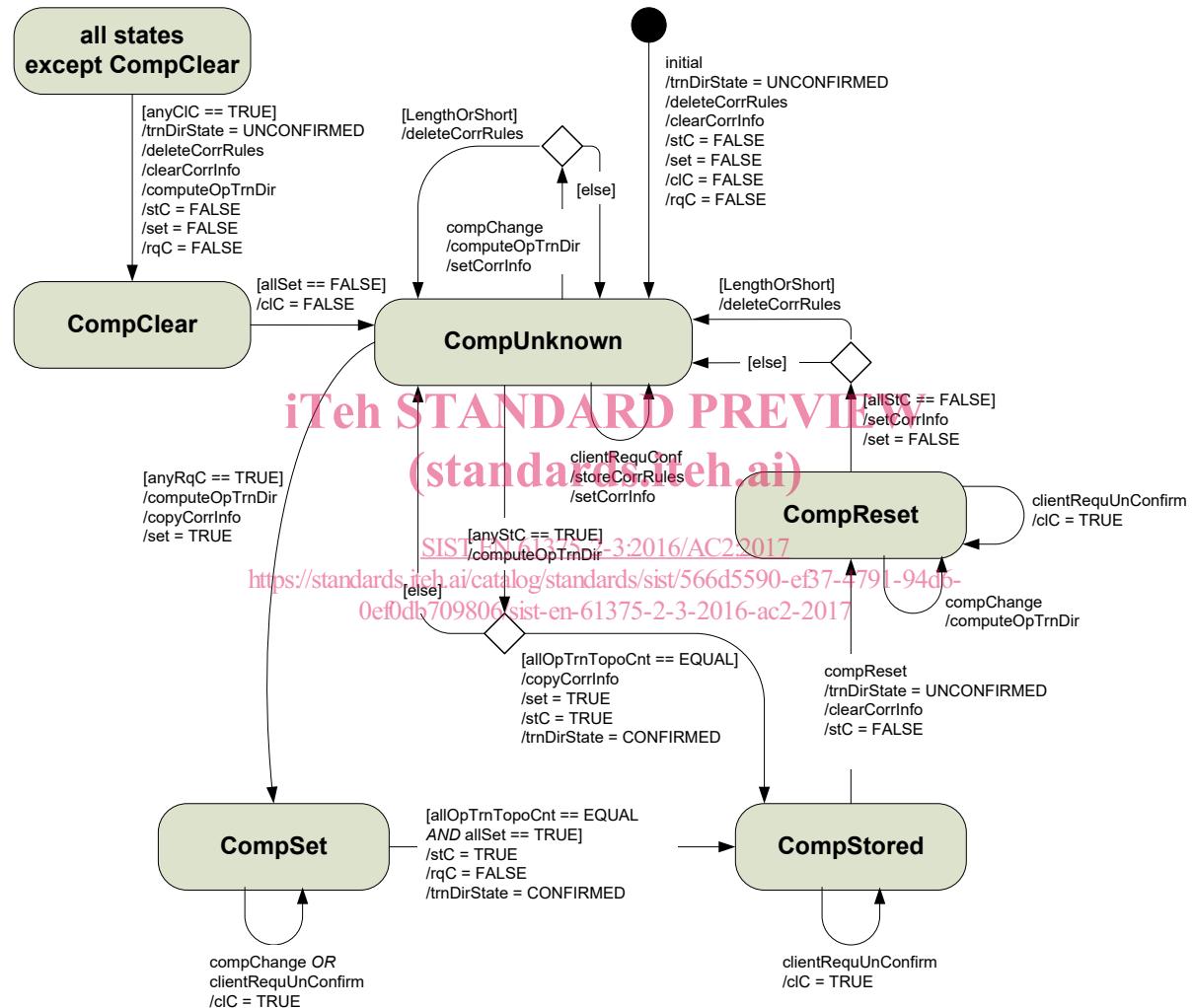
Table 35

Add the following entry to Table 35.

Trigger	Description
compReset	composition reset

6.6.4, Figure 35

Replace existing Figure 35 by the following new figure.

**Table 42**

Add the following entry to Table 42.

Trigger	Description
compReset	Confirmed composition reset