INTERNATIONAL ELECTROTECHNICAL COMMISSION

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IEC 61850-90-6
Edition 1.0 2018-09

COMMUNICATION NETWORKS AND SYSTEMS FOR POWER UTILITY AUTOMATION –

Part 90-6: Use of IEC 61850 for Distribution Automation Systems

CORRIGENDUM 1

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FOREWORD

Insert the following new text after the fifth paragraph of the Foreword:

This IEC standard includes Code Components i.e. components that are intended to be directly processed by a computer.

Such content is any text found between the markers <CODE BEGINS> and <CODE ENDS>, or otherwise is clearly labelled in this standard as a Code Component.

The purchase of this IEC standard carries a copyright license for the purchaser to sell software containing Code Components from this standard to end users either directly or via distributors, subject to IEC software licensing conditions, which can be found at: http://www.iec.ch/CCv1

Attribute	Content
Namespace IEC specific information	
Version of the UML model used for generating the document (informative)	WG17build1
Date of the UML model used for generating the document (informative)	2019-04-07
Autogeneration software name and version(informative)	jCleanCim 02v02-NS beta2 built 2

1 Scope

1.2 Namespace information

Replace the existing title and text of Subclause 1.2 with the following new title and text:

1.2 Namespace name and version

This new subclause is mandatory for any IEC 61850 namespace (as defined by IEC 61850-7-1:2011).

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Table 60 shows all attributes of (Tr)IEC61850-90-6:2018B namespace.

Table 60 – Attributes of (Tr)IEC61850-90-6:2018B namespace

Attribute	Content
Namespace nameplate	
Namespace Identifier	(Tr)IEC61850-90-6
Version	2018
Revision	B
Full Namespace Name	(Tr)IEC61850-90-6:2018B
Namespace Type	transitional
Namespace dependencies	
extends	IEC 61850-7-4:2007B version :2007 revision :B
Namespace transitional status	
Future handling of namespace content	The name space (Tr)IEC61850-90-6:2018B is considered as "transitional" since the models are expected to be included in further editions IEC 61850-7-4xx. Potential extensions/modifications may happen if/when the models are moved to the International Standard status

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1.3 Code components

Replace the existing title and text of Subclause 1.3 with the following new title and text:

1.3 Namespace Code Component distribution

The Code Components are in light and full version:

- The full version is named : *IEC_TR_61850-90-6.NSD.2018B.Full*.It contains definition of the whole data model defined in this standard with the documentation associated and access is restricted to purchaser of this part

- The light version is named : *IEC_TR_61850-90-6.NSD.2018B.Light*. It doesn't contain any documentations but contains the whole data model as per full version, and this light version is freely accessible on the IEC website for download at : http://www.iec.ch/tc57/supportdocuments, but the usage remains under the licensing conditions.

The Code Components for IEC 61850 data models are formated in compliance with the NSD format defined by the standard IEC 61850-7-7. Each Code Component is a ZIP package containing :

- the electronic representation of the Code Component itself (possibly multiple files),

- the grammar files (XSD) enabling to check the consistency of the associated files against the defined version of NSD, but as well against the IEC 61850 flexibility rules in case of private extensions

- a file describing the content of the package (IECManifest.xml).

The IECManifest contains different sections giving information on:

- The copyright notice

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- The identification of the code component
- The publication related to the code component
- The list of the electronic files which compose the code component
- An optional list of history files to track changes during the evolution process of the code component

The life cycle of a code component is not restricted to the life cycle of the related publication. The publication life cycle goes through two stages, Version (corresponding to an edition) and Revision (corresponding to an amendment). A third publication stage (Release) allows publication of Code Component in case of urgent fixes of InterOp Tissues, thus without need to publish an amendment.
Consequently new release(s) of the Code Component may be released, which supersede(s) the previous release, and will be distributed through the IEC TC57 web site at: http://www.iec.ch/tc57/supportdocuments.
The latest version/release of the document will be found by selecting the file named *IEC_TR_61850-90-6.NSD.{VersionStateInfo}.Light* with the filed VersionStateInfo of the highest value.

6 Information models

6.1.5 Mapping of the requirements of VVC use case – Type 5

Replace the existing text of Subclause 6.1.5 with the following new text:

The whole section is changed to the following :

6.1.5.1 Mapping for tap changer control

As presented in Figure 74, no new LN is needed.

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