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BSI Standards Publication

Communication networks and systems for power utility automation

Part 90-10: Models for scheduling

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee PEL/57, Power systems management and associated information exchange.

A list of organizations represented on this committee can be obtained on request to its secretary.

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COMMUNICATION NETWORKS AND SYSTEMS FOR POWER UTILITY AUTOMATION –

Part 90-10: Models for scheduling

FOREWORD

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IEC TR 61850-90-10, which is a technical report, has been prepared by IEC technical committee 57: Power systems management and associated information exchange.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
57/1762/DTR	57/1902/RVDTR

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61850 series, published under the general title *Communication networks and systems for power utility automation*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

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COMMUNICATION NETWORKS AND SYSTEMS FOR POWER UTILITY AUTOMATION –

Part 90-10: Models for scheduling

1 Scope

This part of IEC 61850, which is a Technical Report, describes scheduling for devices using IEC 61850.

The parameters, which identify this new namespace, are:

- Namespace Version: 2017
- Namespace Revision: A
- UML model file which reflects this namespace edition: wg10uml02v17-wg18uml02v11b-wg17uml02v18-jwg25uml02v04c.eap, UML model version WG17UML02v18
- Namespace release date: 2017-06-12
- Namespace name: "(Tr)IEC61850-90-10:2017A"

The namespace "(Tr)IEC61850-90-10:2017A" is considered as "transitional" since the models are expected to be included in the next editions of IEC 61850-7-4xx and IEC 61850-7-3. Potential extensions/modifications may happen if/when the models are moved to International Standard status. Only the new data objects and CDCs that are not said inherited from existing LNs will be tagged with this namespace name. The others should still refer to the namespace where they are primarily defined.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

IEC TS 61850-2, *Communication networks and systems in substations – Part 2: Glossary*

IEC 61850-7-1:2011, *Communication networks and systems for power utility automation – Part 7-1: Basic communication structure – Principles and models*

IEC 61850-7-2:2010, *Communication networks and systems for power utility automation – Part 7-2: Basic information and communication structure – Abstract communication service interface (ACSI)*

IEC 61850-7-3:2010, *Communication networks and systems for power utility automation – Part 7-3: Basic communication structure – Common data classes*

IEC 61850-7-4:2010, *Communication networks and systems for power utility automation – Part 7-4: Basic communication structure – Compatible logical node classes and data object classes*