



EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE

TC-MTS #28

23 - 25 March 1999

MTS28-TD014

28th TC MTS

Sophia Antipolis, 23-25 March 1999

Title: MTS work programme

Source: ETSI Secretariat

Agenda item:

Date: 12 March 1999

Document for: Information

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00001

Deliverable ETR 184 **Edition:** 1 **Rapporteur:** Spichiger, Andreas
Creation date: 23/09/1993 **Lead Body:** ETSI **Tel:** +41 31 338 2651 **Fax:** +41 31 338 7800
Standstill: **Cover date:** 14/04/1995 **E-mail:** andreas.spichiger@swisstelecom.com
Technical body in charge: MTS **Technical editor:** Pritchard, Julian
PT: 65 **Database record last update:** 21/10/1998

Title: Methods for Testing and Specification (MTS);
 Overview of validation techniques for European Telecommunication Standards (ETSS) containing SDL

Scope and field of application:
 To study validation and verification techniques for SDL
 "functional" specifications. Review of the state of the art.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 23/09/1993 | |
| 1 | Start of work | | 15/03/1994 | 15/03/1994 | 15/03/1994 | 23/05/1994 | |
| 2 | Table of Contents and Scope | | 01/09/1994 | 01/09/1994 | 01/09/1994 | 27/05/1994 | |
| 6 | First complete draft | | 15/12/1994 | 15/12/1994 | 15/12/1994 | 15/12/1994 | |
| 8 | TB approval | | 15/06/1995 | 15/06/1995 | 15/06/1995 | 23/03/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | 15/07/1995 | 09/12/1994 | 23/04/1995 | 30/03/1995 | |
| 12 | Publication | PU | 12/08/1995 | 06/01/1995 | 27/04/1995 | 21/04/1995 | |

| | | |
|--------------------------------------|-----------------|-----------------|
| Keywords | Projects | Mandates |
| METHODOLOGY TESTING VALIDATION | | |

Remarks

This is a scoping project, which must propose specific techniques fitting ETSI needs (analyt./field trial). Experiments & short term procedures to be contained in associated perm doc MTS(94)...

Reference documents and work

TA 15 TD 29: Report on validation; TAWP; North Holland collection of IFIP proceedings on protocol validation and verification

Secretariat Comments

14/01/1994 PT id changed from AE to 65.
 18/03/1994 Title update (JP).
 01/12/1994 Due to change of scope, TC approval achieved (09/11/95) 7 months early. Title was: "Validation & verification techniques ... (ETSS)"; Scope was "... for formal & informal "functional" specifications and make a first set of recommendations." (JMM)
 09/12/1995 Ch Don: title change: "Observations of" -> "Overview of". (JMM)
 08/03/1995 SC received for PUB (cal).
 23/03/1995 (jp) Re-approved by TC as they had continued to work on the document and were not sure that they had really meant to approve it at the previous meeting. SC/HC already held by TE.
 18/04/1995 30/3/95: Auth received for PUB (cal).
 Clarification of confusion over TC approval: MTS mtg nov-94 approved it "conditionally upon some editorial changes" so previous approval achievement date of 09-nov-94 was wrong.

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|--------------------------------|-----------------------------|---------------|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00002 |
|--------------------------------|-----------------------------|---------------|

| | | |
|--------------------------------------|-------------------------------|--|
| Deliverable ETR 193 | Edition: 1 | Rapporteur: Maggiore, Giulio |
| Creation date: 23/09/1993 | Lead Body: ETSI | Tel: +39 011 228 69 10 Fax: +39 011 228 7003 |
| Standstill: | Cover date: 15/10/1995 | E-mail: Giulio.Maggiore@cselt.it |
| Technical body in charge: MTS | | Technical editor: Andrews, Paul |
| PT: | | Database record last update: 21/10/1998 |

Title: Methods for Testing and Specification (MTS);
Network Integration Testing (NIT);
Methodology aspects; Test Co-ordination Procedure (TCP) style guide

Scope and field of application:

To describes a methodology for end-to-end and node-to-node testing for ISDN basic and supplementary services or GSM, or DECT networks...
Emphasis on co-ordination messages between heterogenous and/or remote testers.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|--------------------------------------|--------|------------|------------|------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 23/09/1993 | |
| 1 | Start of work | | 23/09/1993 | 23/09/1993 | 23/09/1993 | | |
| 2 | Table of Contents and Scope | | 31/03/1994 | 31/03/1994 | 31/03/1994 | | |
| 6 | First complete draft | | 15/07/1994 | 15/07/1994 | 15/07/1994 | 09/11/1994 | |
| 8 | TB approval | | 15/12/1994 | 21/03/1995 | 21/03/1995 | 21/03/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/01/1995 | 21/04/1995 | 21/04/1995 | 09/05/1995 | |
| 11 WI | Waiting - see "secretariat comments" | | | | 06/06/1995 | 21/08/1995 | |
| 12 | Publication | PU | 28/02/1995 | 08/09/1995 | 08/09/1995 | 27/10/1995 | |

Keywords

TESTING
NETWORK
INTERACTION
METHODOLOGY
MANAGEMENT

Projects**Mandates****Remarks**

Related WI: DTR/MTS-00028

Secretariat Comments

| | |
|------------|---|
| 07/02/1994 | Rapporteur added. |
| 01/12/1994 | Scope was: "...end-to-end testing of ISDN bearer and...". TC approval: 12/94 -> 03/95. (JMM) |
| 09/05/1995 | Soft copy received by E-mail, Hard copy printed from E-mail, authorization received for publication (JP). |
| 21/08/1995 | Unable to published as Figure 1 is missing and Rapporteur is on holiday until end of August (JP/GE). |
| 27/10/1995 | Published (PA). |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00003

Deliverable ETR 142 **Edition:** 1 **Rapporteur:** Lang, Oscar
Creation date: 23/09/1993 **Lead Body:** ETSI **Tel:** +49 89 636 47 611 **Fax:** +49 89 636 40044
Standstill: **Cover date:** 30/10/1994 **E-mail:**
Technical body in charge: MTS **Technical editor:** Pope, Maurice
PT: **Database record last update:** 21/10/1998

Title: Methods for Testing and Specification (MTS);
 Guidance on the production and completion of System Conformance Statement (SCS) proforma

Scope and field of application:

Create for European testing services an SCS proforma, based on guidelines already provided by existing ISO/ITU-T standards.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|--------|------------|------------|---------|
| 1 | Start of work | | 04/10/1993 | | 04/10/1993 | 30/09/1993 | |
| 2 | Table of Contents and Scope | | 15/03/1994 | | 15/03/1994 | 30/11/1993 | |
| 6 | First complete draft | | 14/06/1994 | | 14/06/1994 | 26/04/1994 | |
| 8 | TB approval | | | | | 28/06/1994 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | | 03/08/1994 | |
| 12 | Publication | PU | | | 31/08/1994 | 30/10/1994 | |

Keywords

METHODOLOGY
 SCS
 TESTING

Projects

Mandates

Remarks

Joint work with EWOS EG CT where EWOS is the leading body.

Reference documents and work

ISO/IEC 9646-7

Secretariat Comments

01/04/1994 standstill added (AL)
 26/04/1994 Soft and hard copy received for edit prior to TC approval (CdE).
 17/06/1994 ETS -> ETR, because the deliverable should be published by ETSI and EWOS as similar types of documents.
 01/08/1994 TC approval achieved; STC approval line deleted.
 02/08/1994 TA msg says: Deliverable type ETS -> ETR because joint publication with EWOS.
 03/08/1994 New soft copy and authorisation received (CdE)
 11/08/1994 F van den Berg (EGCT) called asking for patience while changes are made to the doc, are sent to ETSI. On hold pending receipt of changes (MP)

| | | |
|---|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00004 |
| Deliverable ETR 212 | Edition: 1 | Rapporteur: Don, Christian |
| Creation date: 23/09/1993 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: 15/12/1995 | E-mail: don@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Andrews, Paul |
| PT: 38 | | Database record last update: 23/10/1998 |
| Title: Methods for Testing and Specification (MTS); Implementation Conformance Statement (ICS) proforma style guide | | |

Scope and field of application:

Definition of the basic framework for a common ETSI methodology encompassing specification related aspects of the Conformance Assessment process.

To be used to collect the static requirements of many standards produced by ETSI. Its intended use is not strictly limited to those standards related to protocols or service descriptions.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|--------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 23/09/1993 | |
| 1 | Start of work | | 15/01/1994 | 15/01/1994 | 15/01/1994 | 15/01/1994 | |
| 2 | Table of Contents and Scope | | 15/04/1994 | 15/04/1994 | 15/04/1994 | 15/03/1995 | |
| 6 | First complete draft | | 15/09/1994 | 28/01/1995 | 28/01/1995 | 21/03/1995 | |
| 8 | TB approval | | 15/12/1994 | 28/09/1995 | 28/09/1995 | 29/06/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/01/1995 | 30/10/1995 | 29/07/1995 | 18/07/1995 | |
| 11 WI | Waiting - see "secretariat comments" | | | 15/08/1995 | 15/08/1995 | | |
| 12 | Publication | PU | 28/02/1995 | 31/07/1995 | 31/07/1995 | 21/12/1995 | |

Keywords

PICS
ICS

Projects**Mandates****Reference documents and work**

Endorsed by TCRTR048

Secretariat Comments

| | |
|------------|---|
| 07/02/1994 | Title and scope modified. |
| 01/12/1994 | TC approval: 12/94 -> 09/95. (JMM) |
| 14/12/1994 | Minor modification to title (MP) |
| 03/04/1995 | Deliverable: ETR -> TCRTR (decision of MTS meeting, 21-mar-95). (JMM) |
| 04/07/1995 | TC approval of draft 0.2 dated 7-jun-95 for publication as ETR and as TCRTR to endorse it. Thus deliverable changed back to ETR, and new record (004a) created to handle the TCRTR. Handover form JMM->JP. (JMM) |
| 18/07/1995 | Softcopy received from CD via INBOX. |
| 18/09/1995 | Scope enhanced to indicate that method is usable for all types of standard. (JMM) |
| 20/11/1995 | Rapporteur reported technical problems with final draft, delivery back to secretariat delayed until 11/12/95. (PA) |

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|---|-------------------------------|--|-------------------------------|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00004a | |
| Deliverable TCRTR 048 | Edition: 1 | Rapporteur: Don, Christian | |
| Creation date: 29/06/1995 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 | Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: 15/06/1996 | E-mail: don@etsi.fr | |
| Technical body in charge: MTS | | Technical editor: Meredith, John | |
| PT: | | Database record last update: 21/10/1998 | |
| Title: Methods for Testing and Specification (MTS); Implementation Conformance Statement (ICS) proforma style guide [endorsement of ETR 212 (1995)] | | | |

Scope and field of application:

Endorsement of ETR 212 as a TCRTR to make its provisions binding on all ETSI TCs.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|---|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 23/09/1993 | |
| 1 | Start of work | | 15/01/1994 | 15/01/1994 | 15/01/1994 | 15/01/1994 | |
| 2 | Table of Contents and Scope | | 15/04/1994 | 15/04/1994 | 15/04/1994 | 15/03/1995 | |
| 6 | First complete draft | | 15/09/1994 | 28/01/1995 | 28/01/1995 | 21/03/1995 | |
| 8 | TB approval | | 15/12/1994 | 28/09/1995 | 28/09/1995 | 29/06/1995 | |
| 8 | WA Waiting - see "secretariat comments" | | | | | 18/07/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/01/1995 | 30/10/1995 | 15/11/1995 | 22/12/1995 | |
| 8 AC | Start of 2 month consultation period | | | | 15/01/1996 | 15/01/1996 | |
| 8 AD | End of 2 month consultation period | | | 15/03/1996 | 15/03/1996 | 28/05/1996 | |
| 8 AE | TB re-approval | | | 12/04/1996 | 25/06/1996 | 28/05/1996 | |
| 9 E | Draft receipt by ETSI Secretariat | | | 10/05/1996 | 25/06/1996 | 28/05/1996 | |
| 12 | Publication | PU | 28/02/1995 | 07/06/1996 | 13/06/1996 | 14/06/1996 | |

Keywords

ICS
METHODOLOGY
TESTING

Projects**Mandates****Reference documents and work**

DTR/MTS-00004

Secretariat Comments

| | |
|------------|--|
| 04/07/1995 | Spawned from the record for DTR/MTS-00004, qv. (JMM) |
| 18/04/1995 | Handover from received via JMM, document does not exist (it is to be an endorsement of ETR 212), Secretariat will create endorsement notice and consider it received, however, it must wait until ETR 212 is ready for publication (JP). |
| 05/01/1996 | new TCR-TR procedure attached (JP). |
| 06/05/1996 | Item is overdue off consultation period. Investigating... (JMM) |
| 20/05/1996 | Chairman reminded that consultation period is over and asked for go-ahead to publish. (JMM) |
| 28/05/1996 | Chairman's confirmation received. Also reminder to ensure that file of ICS proforma is included with the ETR when it is distributed. (JMM) |
| 13/06/1996 | Ready for publication. (JMM) |

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|---|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | MI/MTS-00005 |
| Deliverable MI | Edition: | Rapporteur: Don, Christian |
| Creation date: 23/09/1993 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: | E-mail: don@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: | | Database record last update: 21/10/1998 |
| Title: Telecommunications Management Network (TMN) testing | | |

Scope and field of application:

To elaborate guidelines on TMN testing methodologies including testing of managed objects. Monitoring of and contribution to the work of EWOS PT 28. Ongoing work.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|---------------|--------|------------|------------|-------------------|------------|---------|
| 1 | Start of work | | 23/09/1993 | | 23/09/1993 | 02/12/1993 | |
| 12 | Completion | | | 31/05/1996 | 31/05/1996 | 13/03/1997 | |

Keywords

TESTING
TMN

Projects

TMN

Mandates**Remarks**

Co-ordination with NA 4 (M Bart) is needed.

Reference documents and work

NA 4 work items; M.302x series; X.700 series of ITU-T

Secretariat Comments

| | |
|------------|---|
| 01/07/1994 | Rapporteur added (Ingrassia) |
| 02/12/1994 | Scope enhanced to include ref to EWOS PT28. |
| 18/05/1995 | TMN Project Code added (YJ) |
| 20/07/1995 | Tried to contact rapporteur (in vain) awaiting.(ge) |
| 27/10/1995 | Ch Don indicates that rapporteur has ceased activity, though WI continues to be viable. (JMM) |
| 21/09/1995 | Rapporteur: Ingrassia -> Don. Target date for completion proposed. (JMM) |
| 26/02/1996 | Completion date modified to 31/05/96 at MTS#20. (PA) |
| 03/02/1997 | The Chairman indicated that he would propose to have the WI deleted at the next MTS meeting |
| 13/03/1997 | MTS agreed to close this WI and regard it been achieved. |

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| ETSI WORK PROGRAM (EWP) | Work Item Reference: | MI/MTS-00006 |
| Deliverable MI | Edition: | Rapporteur: Don, Christian |
| Creation date: 23/09/1993 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: | E-mail: don@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: 69 | | Database record last update: 21/10/1998 |
| Title: Promotion of technical quality practices | | |

Scope and field of application:

Organize and perform the promotion of technical quality practices (TC MTS methodology for standards development, validation and testing).

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by (S)TC | | | | | 23/09/1993 | |
| 1 | Start of work | | 25/02/1994 | 01/09/1994 | 01/09/1994 | 10/10/1994 | |
| 2 | (unspecified) | | 15/12/1994 | 15/12/1994 | 15/12/1994 | | |
| 5 S | (unspecified) | | | | | | |
| 12 | Completion | | | 31/12/1996 | 31/12/1996 | 31/12/1996 | |

Keywords**Projects****Mandates****Secretariat Comments**

| | |
|------------|---|
| 17/06/1994 | Start date aligned with the PT start |
| 24/11/1994 | PT ABV -> PT 69V |
| 01/12/1994 | Rapporteur added. (JMM) |
| 18/04/1995 | Target date for completion added; inferred from dates of PT. (JMM) |
| 06/11/1995 | Title changed at MTS 10/95 to "Promotion of technical quality practices".(PA) |
| 26/02/1996 | Scope changed and completion date modified to 31/12/96 at MTS#20. (PA) |
| 02/03/1997 | Chairman accepted that the WI is finalized. (PRS) |

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|--|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00010 |
| Deliverable ETR 266 | Edition: 1 | Rapporteur: Don, Christian |
| Creation date: 18/03/1994 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: 15/08/1996 | E-mail: don@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Meredith, John |
| PT: 38 | | Database record last update: 21/10/1998 |
| Title: Methods for Testing and Specification (MTS); Test Purpose style guide | | |

Scope and field of application:

To describe how test purposes should be specified for conformance testing before an Abstract Test Suite (ATS) is written in TTCN. (E.g. vocabulary, structure, ...)

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 18/03/1994 | |
| 1 | Start of work | | 28/06/1994 | 28/06/1994 | 28/06/1994 | 28/06/1994 | |
| 2 | Table of Contents and Scope | | 31/12/1994 | 31/12/1994 | 31/12/1994 | | |
| 6 | First complete draft | | 31/03/1995 | 31/03/1995 | 31/03/1995 | | |
| 8 | TB approval | | | | | 01/12/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/01/1996 | 31/01/1996 | 31/01/1996 | 06/03/1996 | |
| 5 P | Suspend work | | | | | 14/05/1996 | |
| 5 O | Resume work | | | 21/05/1996 | 21/05/1996 | 31/05/1996 | |
| 12 | Publication | PU | 28/02/1996 | 17/08/1996 | 17/08/1996 | 06/08/1996 | |

Keywords

TESTING
METHODOLOGY

Projects**Mandates****Remarks**

In some cases, development of full ATS not justified, just "testpurposes". These should be clear, structured, testable, etc.

Reference documents and work

ISO/IEC 9646-2, prETS 300 406

Secretariat Comments

| | |
|------------|--|
| 22/03/1994 | Record created. |
| 18/09/1995 | TC Remarks added. (JMM) |
| 15/01/1996 | SC received on 10/01/96 (PA) |
| 26/02/1996 | MTS#20 requested insertion of TC approval date in schedule (PA) |
| 08/03/1996 | Rapporteur says:<<Please find enclosed the definitive handover form "Go ahead with publication!" related to the Test Purposes Style Guide DTR/MTS-00010. The document was delivered on 8 January, but was to be hung up until MTS had come up with no comments in February. This handover form supersedes the one of 08/01.>> Thus 8A date achieved date changed from 15-jan to 6-mar. (JMM) |
| 02/04/1996 | Editing started; lots required! (JMM) |
| 06/05/1996 | Editing delayed due to other urgent (but not necessarily more important!) commitments; publication target slipped 6 wks. (JMM) |
| 07/05/1996 | Title aligned with that on document. Editing continues, but further 5 wks slippage. (JMM) |
| 14/05/1996 | Queries referred to Rapporteur cc Chairman for resolution before publication can happen. (JMM) |
| 26/05/1996 | Partial reply to queries received. (JMM) |
| 03/06/1996 | All queries resolved. Sent for QAR. (JMM) |
| 01/08/1996 | Long since back from QAE, but held up due to other priorities. Final mods authorised to be done by doc processing team. (JMM) |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DE/MTS-00011

Deliverable ETS 300 414 **Edition:** 1 **Rapporteur:** Wiles, Anthony
Creation date: 30/06/1990 **Lead Body:** ETSI **Tel:** +33 4 92 94 43 87 **Fax:** +33 4 93 65 38 51
Standstill: 28/10/1990 **Cover date:** 15/12/1995 **E-mail:** anthony.wiles@etsi.fr
Technical body in charge: MTS **Technical editor:** Andrews, Paul
PT: 37 **Database record last update:** 04/03/1996

Title: Methods for Testing and Specification (MTS);
 Use of SDL in European Telecommunication Standards;
 Rules for testability and facilitating validation

Scope and field of application:

ETSI rules for using SDL in ETSI protocol specifications to facilitate testability in general, computer-aided test case generation, protocol validation.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 1 | Start of work | | | | | 24/05/1992 | |
| 7 | WG approval | | 30/09/1991 | | 20/09/1993 | 01/12/1993 | |
| 8 | TB approval | | 31/10/1991 | | 15/10/1993 | 01/12/1993 | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/11/1991 | | 15/11/1993 | 20/02/1994 | |
| 9 B | Start of Public Enquiry | PE 62 | 26/12/1991 | | 09/05/1994 | 09/05/1994 | |
| 9 C | End of Public Enquiry | | 23/04/1992 | | 02/09/1994 | 02/09/1994 | |
| 9 D | Start of TB review of PE comments | | 07/05/1992 | | 16/09/1994 | 05/09/1994 | |
| 9 Da | TB approval | | | 15/01/1995 | 30/06/1995 | 29/06/1995 | |
| 9 E | Draft receipt by ETSI Secretariat | | 02/07/1992 | 15/01/1995 | 29/06/1995 | 18/07/1995 | |
| 10 F | Start of Vote | V 86 | 16/07/1992 | 29/01/1995 | 21/08/1995 | 21/08/1995 | |
| 10 G | End of Vote | | 10/09/1992 | 27/10/1995 | 27/10/1995 | 27/10/1995 | |
| 11 | Vote result determination (adopted) | | 24/09/1992 | 10/11/1995 | 10/11/1995 | 10/11/1995 | |
| 12 | Publication | PU | 15/10/1992 | 01/12/1995 | 01/12/1995 | 19/12/1995 | |

Keywords

METHODOLOGY
 SDL
 TESTING

Projects**Mandates**

Remarks

Intended for exploitation of PT31 results; Several intermediate reports to be proposed as TC-TRs

Reference documents and work

CCITT Z100/X.292/ISO 9646-3, CCITT SGX/Q10, PT31 report

Secretariat Comments

27/08/1991 TC ap date 12/91 -> 12/92.
21/02/1992 TC ap date -> 6/93. Scope changed; PT31 -> PT37; references changed.
07/01/1993 Scope now "rules" rather than "guide", & includes "protocol validation".
07/10/1993 Soft copy received (PT 37 output - not TC approved)
19/11/1993 2nd soft copy received (CdE)
13/06/1994 Created in continuation of DE/MTS-01004 due to the closure of MTS 1.
14/02/1994 3rd soft copy received (CdE)
20/02/1994 4th soft copy and hard copy received (CdE)
01/12/1994 End of TC review 10/94 -> 01/95. (JMM)
18/04/1995 MTS meeting 21-mar-95: Problems with soft copy of files; rapporteur to get replacements from Tech Ed to incorporate post-PE changes. Will then pass to Chairman to approve by correspondence for Vote. Expected end of TC review thus 01/95 -> 05/95. (JMM)
31/05/1995 (jp) Soft copy received by E-mail from Jan Kroon (acting rapporteur/editor).
09/06/1995 TC approval at end of post-PE review (9Da) target 05/95 -> 06/95 to coincide with TC meeting, since approval by correspondence hasn't happened. (JMM)
04/07/1995 TC approved for vote, but note contents of e-mail Kroon to Brusasco cc Pritchard of 22-may-95 12:58 which indicates some editorial mods to be done before vote release. Handover from JMM->JP. (JMM)
19/12/1995 Strictly editorial comments implemented then published. (PA)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DE/MTS-00012

Deliverable ETS 300 406 **Edition:** 1 **Rapporteur:** Don, Christian
Creation date: 30/06/1990 **Lead Body:** ETSI **Tel:** +33 4 93 84 31 76 **Fax:** +33 4 93 84 31 76
Standstill: 28/10/1990 **Cover date:** 15/04/1995 **E-mail:** don@etsi.fr
Technical body in charge: MTS **Technical editor:** Pritchard, Julian
PT: 38 **Database record last update:** 21/10/1998

Title: Methods for Testing and Specification (MTS);
Protocol and profile conformance testing specifications;
Standardization methodology

Scope and field of application:

Definition of the basic framework for a common ETSI methodology
encompassing specification related aspects of the Conformance
Assessment process

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 1 | Start of work | | | | | 08/12/1992 | |
| 7 | WG approval | | 30/09/1991 | | 20/09/1993 | 15/01/1994 | |
| 8 | TB approval | | 31/10/1991 | | 20/12/1993 | 15/01/1994 | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/11/1991 | | 01/02/1994 | 26/01/1994 | |
| 9 B | Start of Public Enquiry | PE 58 | 26/12/1991 | | 07/03/1994 | 07/03/1994 | |
| 9 C | End of Public Enquiry | | 23/04/1992 | | 01/07/1994 | 01/07/1994 | |
| 9 D | Start of TB review of PE comments | | 07/05/1992 | | 04/07/1994 | 04/07/1994 | |
| 9 Da | TB approval | | | 29/08/1994 | 29/08/1994 | 10/11/1994 | |
| 9 E | Draft receipt by ETSI Secretariat | | 02/07/1992 | 29/08/1994 | 10/11/1994 | 07/12/1994 | |
| 10 F | Start of Vote | V 73 | 16/07/1992 | 12/09/1994 | 23/01/1995 | 23/01/1995 | |
| 10 G | End of Vote | | 10/09/1992 | 17/03/1995 | 17/03/1995 | 17/03/1995 | |
| 11 | Vote result determination (adopted) | | 24/09/1992 | 31/03/1995 | 31/03/1995 | 27/03/1995 | |
| 12 | Publication | PU | 15/10/1992 | 21/04/1995 | 17/04/1995 | 21/04/1995 | |

Keywords

TESTING
PROTOCOL
METHODOLOGY

Projects**Mandates****Remarks**

Close cooperation with EWOS EG-CT is envisagedSuccessor to DE/ATM-1007

Secretariat Comments

21/01/1993 Record created. Item is successor to DE/ATM-1007, whence
"original" target dates.
24/01/1994 Soft, hard and authorisation received (CdE)
13/06/1994 Created in continuation of DE/MTS-01007-1 due to the closure
of MTS 1.
15/11/1994 TC approval for final vote achieved (GO)
28/11/1994 SC and HC received (CdE)
07/12/1994 Authorisation received for Vote (cal)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00015

Deliverable ETR 267 **Edition:** 1 **Rapporteur:** Don, Christian
Creation date: 30/06/1990 **Lead Body:** ETSI **Tel:** +33 4 93 84 31 76 **Fax:** +33 4 93 84 31 76
Standstill: **Cover date:** 15/06/1996 **E-mail:** don@etsi.fr
Technical body in charge: MTS **Technical editor:** Meredith, John
PT: 38 **Database record last update:** 21/10/1998

Title: Methods for Testing and Specification (MTS);
 Conformance testing specifications;
 Quality review tables

Scope and field of application:

Quality review proforma to be used for the quality assessment of conformance testing specifications deliverables. This ETR is to be one component of the ETSI methodology for the development of conformance testing specifications.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 1 | Start of work | | | | | 08/12/1992 | |
| 2 | Table of Contents and Scope | | | 27/06/1994 | 27/06/1994 | 30/09/1993 | |
| 6 | First complete draft | | | 31/12/1994 | 31/12/1994 | 30/07/1995 | |
| 8 | TB approval | | 31/10/1991 | 30/10/1995 | 30/10/1995 | 19/10/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/11/1991 | 30/11/1995 | 13/12/1995 | 10/01/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 12/06/1996 | 16/01/1996 | |
| 5 P | Suspend work | | | | | 01/02/1996 | |
| 5 O | Resume work | | | | | 06/03/1996 | |
| 5 P | Suspend work | | | | | 14/05/1996 | |
| 5 O | Resume work | | | | | 31/05/1996 | |
| 12 | Publication | PU | 30/11/1995 | 13/02/1996 | 17/06/1996 | 11/06/1996 | |

Keywords

TESTING
 METHODOLOGY
 QUALITY

Projects**Mandates**

Remarks

Co-operation with EWOS EG-CT (where there is a work item studying ETSI& EWOS harmonisation). EG-C' could issue a 2nd edition of current ETGtaking into account this ETR.

Secretariat Comments

21/01/1993 Record created. Item is successor to DE/ATM-1007, whence "original" target dates.

07/02/1994 STC target 06/93 -> 06/94; BC deleted; ETR -> TCRTR

13/06/1994 Created in continuation of DTR/MTS-01007-2 due to the closure of MTS 1.

01/12/1994 WIs 14 & 15 restructured; thus scope loses: "This Generic Quality Plan is the basis for quality plans to be created for each specific PT. It contains a skeleton of a project plan, of a project review plan, and of a product review plan. It contains also a ..." & gains the final e.g.. TC remarks loses reference to EWOS PT30 & the possibility of joint ETSI/EWOS deliverable. But EWOS could still produce a 2nd ed of its ETG taking into account this ETR. Stable draft target: 11/94 -> 12/94, TC target 06/95 -> 09/95.

18/09/1995 Add one month to TC target (et seq). (JMM)

19/10/1995 TC approved at TURIN (06/11/95 no doc. yet). Deliverable type changed to TCR TR.(PA)

15/01/1996 New TCR-TR procedure added.

16/01/1996 SC received for publication (cal).

17/01/1996 After consulting TC chairman - TCR-TR goes back to ETR to be endorsed by a newly created TCR-TR (PA).

26/01/1996 Sent to C.Don for review. (PA)

08/03/1996 Fresh version received from Don with proposed minor mods. Queueing theory suggest target publication date: 13-feb-96 -> 13-apr-96. (JMM)

06/05/1996 Queueing theory is wrong. How about 13-jun? (JMM)

07/05/1996 Tech Editing complete, passed to CDE for checking. Note that doc contains a reference to ETR 266, so must publish these two together. (JMM)

03/06/1996 Tech ed continues after QAR; ready for publication (ETR 266 is close behind - note alignment of dates). (JMM)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00016

| | | |
|--|-------------------------------|---|
| Deliverable ETR 171 | Edition: 1 | Rapporteur: Don, Christian |
| Creation date: 30/06/1990 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: 15/02/1995 | E-mail: don@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Pope, Maurice |
| PT: 38 | | Database record last update: 21/10/1998 |
| Title: Methods for Testing and Specification (MTS); Proforma for scoping reports | | |

Scope and field of application:

This ETR is one component of the ETSI methodology for the development of conformance testing specifications. This Scoping Report Proforma defines the contents of a scoping report, and provides guidance on the different activities which have to be performed in order to produce a scoping report.

The coping report proforma is applicable to scoping activities, irrespective of whether they are carried out by

- specific scoping PTs,
- the development PT as a preliminary phase of its work,
- an ad-hoc WG, a STC or a TC.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 1 | Start of work | | | | | 08/12/1992 | |
| 2 | Table of Contents and Scope | | | | | 30/09/1993 | |
| 2 | Table of Contents and Scope | | | 27/06/1994 | 27/06/1994 | | |
| 6 | First complete draft | | | | 27/06/1994 | 10/08/1994 | |
| 8 | TB approval | | 31/10/1991 | 10/11/1994 | 10/11/1994 | 09/11/1994 | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/11/1991 | 10/12/1994 | 10/12/1994 | 05/01/1995 | |
| 12 | Publication | PU | 26/12/1991 | 10/01/1995 | 10/01/1995 | 16/02/1995 | |

Keywords

TESTING
METHODOLOGY

Projects

Mandates

Remarks

Co-operation with EWOS EG-CT is envisaged. Co-operation with PT 60 (DE/MTS-01009) is also required for common practices for project management.

Secretariat Comments

| | |
|------------|--|
| 21/01/1993 | Record created. Item is successor to DE/ATM-1007, whence "original" target dates. |
| 07/02/1994 | STC target 06/93 -> 06/94; BC deleted; ETR -> TCRTR |
| 13/06/1994 | Created in continuation of DTR/MTS-01007-2 due to the closure of MTS 1. |
| 29/08/1994 | Draft dated 10-aug-94 presented to TCC18 as doc 29. Assume therefore that draft is stable. Note that, despite comment of 7-feb-94, document claims to be an ETR. (JMM) |
| 02/12/1994 | Clarification of title & scope. (JMM) |
| 05/01/1995 | 7/12/94: Authorisation received (cal) HC and SC received (CdE) |

| | | |
|--|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00018 |
| Deliverable ETR 259 | Edition: 1 | Rapporteur: Don, Christian |
| Creation date: 30/06/1990 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: 30/11/1996 | E-mail: don@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Meredith, John |
| PT: 38 | | Database record last update: 21/10/1998 |
| Title: Methods for Testing and Specification (MTS); Bibliography of techniques, methodologies and practices used in Standards making | | |

Scope and field of application:

Definition of the basic framework for a common ETSI methodology encompassing specification related aspects of the Conformance Assessment process

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|---|--------|------------|------------|-------------------|------------|---------|
| 1 | Start of work | | | | | 08/12/1992 | |
| 8 | TB approval | | 31/10/1991 | 19/10/1995 | 19/10/1995 | 19/10/1995 | |
| 8 | WA Waiting - see "secretariat comments" | | | | | 26/02/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/11/1991 | 19/11/1995 | 19/11/1995 | 26/02/1996 | |
| 8 | WA Waiting - see "secretariat comments" | | | | | 22/05/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 01/09/1996 | 02/09/1996 | |
| 12 | Publication | PU | 26/12/1991 | 22/09/1996 | 30/11/1996 | 28/11/1996 | |

Keywords

METHODOLOGY

Projects**Mandates**

Secretariat Comments

21/01/1993 Record created. Item is successor to DE/ATM-1007, whence "original" target dates.

07/02/1994 Title and scope modified; STC target 06/93 -> 06/94; BC deleted.

13/06/1994 Created in continuation of DTR/MTS-01007-3 due to the closure of MTS 1.

01/12/1994 TC target: 06/94 -> 06/95.

02/06/1995 Noted in passing that this WI does not figure in PT38 s monthly report for jan-95. (JMM)

06/11/1995 Title changed to "Bibliography of methodologies and practices used in standards making" at MTS 10/95. (PA)

06/12/1995 Soft copy received via INBOX but unlikely to be able to work on it due to commitment to TC RES. (PA)

11/12/1995 SC received for Publication (cal).

18/01/1996 TC chairman asked to resolve differences between editor and rapporteur as to what may be included in the document. (PA)

26/02/1996 MTS#20 decided that ETR should be published according to ETSI rules (ie. with non-publicly available references deleted) and in parallel, the version created by the PT macro be put on the ETSI WWW server.

04/04/1996 Considering work load, unlikely that publication will be before late apr-96. (JMM)

06/05/1996 Or indeed, may-96. (JMM)

14/05/1996 Trimmed version sent to DMG for conversion to html; this (technically) unedited version will be put on the ETSI WWW server. It varies from the pukka ETR because it will include in its bibliography those documents which do not obey the ETSI rules of "public availability"; such references will perforce be expunged from the ETR. Meanwhile, the to-be-an-ETR version sent to CdE for preprocessing. (JMM)

21/05/1996 Back from preprocessing by SLV. This document would be far better placed on the ETSI server, on-line, and updated ad hoc without all the hassle of an ETR which is out of date as soon as published and, due to the rules, is horribly incomplete. Will investigate further. Control of the source database which is the origin of this text version has passed from Ribouchon to Mulligan. Watch this space... (JMM)

22/05/1996 Mulligan replies that database is tortuous to use, but further discussions are to be expected. Keep watching. (JMM)

02/08/1996 Keep watching. (JMM)

10/09/1996 Document to be processed at last!!

23/10/1996 Sent for QAR. (JMM)

22/11/1996 Came back from QAR some time in the last 2 wks. OK to publish. (JMM)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00020

Deliverable ETR 141 **Edition:** 1 **Rapporteur:** Gläser, Michael
Creation date: 07/01/1993 **Lead Body:** ETSI **Tel:** +49 61 51 25320 **Fax:** +49 61 51 28 050
Standstill: **Cover date:** 30/10/1994 **E-mail:** erich.weber@eurokom.ie
Technical body in charge: MTS **Technical editor:** Pope, Maurice
PT: 59 **Database record last update:** 21/10/1998

Title: Methods for Testing and Specification (MTS);
Protocol and profile conformance testing specifications The Tree and Tabular Combined Notation (TTCN) style guide

Scope and field of application:

Incorporate TC ATM comments into the EWOS TTCN guide (1st edition) - and enhance the level of the document.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|------------|------------|---------|
| 1 | Start of work | | 31/03/1993 | | 31/03/1993 | 31/03/1993 | |
| 6 | First complete draft | | | | | 30/09/1993 | |
| 8 | TB approval | | 31/03/1994 | | 30/06/1994 | 28/06/1994 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/05/1994 | | 30/07/1994 | 12/07/1994 | |
| 12 | Publication | PU | 28/06/1994 | 09/08/1994 | 09/08/1994 | 30/10/1994 | |

Keywords

TESTING
TTCN

Projects

Mandates

Remarks

>>>see secretariat comments field>>>

Secretariat Comments

1/01/93: Record created. TC remarks to read: "Current guide is fine, but too much based on FTAM examples, and not well structured. A second and better edition is worth the effort, to exploit the voluntary work which produced 1st edition." However, it is unclear (to the Secretariat) what ETSI deliverable (if any) edition 1 is. Perhaps it was a miscellaneous item which was never issued as an ETSI deliverable at all...? On the assumption that there is really an ETSI document which is edition 1, this new item is numbered if it were a "revision" item. Note however that it is possible that it too should have been an "MI".

5/03/93: TC provides an explanation: "2nd edition refers to EWOS/ETSI status of that project - from cooperation TC *** ATM - EGCT. From an ETSI viewpoint, it will be the first edition. Confusing situation to be sorted out with SMD when text is ready." On this basis, work item ref RTR -> DTR, since this will be first edition of an ETSI deliverable.

15/09/1993 Hard and soft copy received.

19/01/1994 Former PT59 leader provided info that the draft doc is on field trial validation for 6 months (within PTs only) Comments expected to be incorporated after receipt (March 1994) into later draft.(MP/RP)

07/02/1994 STC target 03/94 -> 06/94; Rapporteur added.

13/06/1994 Created in continuation of DTR/MTS-02007 due to the closure of MTS 2.

12/07/1994 Hard/soft copy and authorisation received for PUB (CdE)

01/08/1994 TC approval achieved; STC approval line deleted.

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00021

| | | |
|--------------------------------------|-------------------------------|--|
| Deliverable ETR 190 | Edition: 1 | Rapporteur: Gläser, Michael |
| Creation date: 07/01/1993 | Lead Body: ETSI | Tel: +49 61 51 25320 Fax: +49 61 51 28 050 |
| Standstill: | Cover date: 28/08/1995 | E-mail: erich.weber@eurokom.ie |
| Technical body in charge: MTS | | Technical editor: Pritchard, Julian |
| PT: 54 | | Database record last update: 21/10/1998 |

Title: Methods for Testing and Specification (MTS);
 Partial and multi-part Abstract Test Suites (ATS);
 Rules for the context-dependent re-use of ATSS

Scope and field of application:

Describe the methodology which adapts the correct monolithic structure of TTCN test suits (ISO/IEC 9646-3) to the various uses of partial suits foreseen in Europe.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|---|--------|------------|------------|-------------------|------------|---------|
| 1 | Start of work | | 31/03/1993 | | 31/05/1993 | 17/01/1994 | |
| 2 | Table of Contents and Scope | | | | | 30/06/1994 | |
| 6 | First complete draft | | 31/05/1994 | 31/05/1994 | 31/05/1994 | 10/11/1994 | |
| 8 | TB approval | | 30/11/1994 | 23/03/1995 | 23/03/1995 | 21/03/1995 | |
| 8 | WA Waiting - see "secretariat comments" | | | | | 31/03/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/12/1994 | 23/04/1995 | 31/07/1995 | 11/08/1995 | |
| 12 | Publication | PU | 28/01/1995 | 21/05/1995 | 08/09/1995 | 28/08/1995 | |

Keywords

TESTING
 TTCN

Projects

Mandates

IT-226

Secretariat Comments

| | |
|------------|---|
| 21/01/1993 | Record created. No rapporteur, no target completion dates. Uncertain deliverable. |
| 05/03/1993 | Target dates added (start of work target 03/93 -> 05/93). Rapporteur added. Ref to BC-225 in title - > BC-226 (typo). |
| 07/02/1994 | Rapporteur added; BC added; PT 54V added |
| 06/04/1994 | Soft copy of PT54V output received (CdE) |
| 13/06/1994 | Created in continuation of DTR/MTS-02008 due to the closure of MTS 2. |
| 01/08/1994 | STC approval line deleted. |
| 16/11/1994 | On receipt at Secretariat, deliverable seems to be two-part. Thus WI split into two. (JMM) |
| 10/11/1994 | HC & SC received. |
| 24/11/1994 | Title modified (GO). |
| 24/11/1994 | TC target 11/94 -> 03/95 (GO). |
| 01/12/1994 | Splitting into two was evidently not required; second part will be simply a perm doc of the TC. Therefore undone. (JMM) |
| 14/12/1994 | Received a draft of the deliverable ETR dated 2-dec-94, together with the permanent doc described above called "TTCN Modification Language" and a contribution to ISO: "Draft Technical Corrigendum on defect report 9649-1/002". (JMM) |
| 28/02/1995 | Draft SC received dated 2 December (cal). |
| 31/03/1995 | Hard copy & authorization received (jp). |
| 23/06/1995 | MTS approval was dependent upon no objections being received from EWOS (next EWOS meeting 26-30/06). Status 8A will be considered as achieved when the EWOS confirmation is received (jp). |
| 11/07/1995 | Jun-95 MTS mtg was joint with EWOS-EGCT, but the latter had forgotten they were to comment on this document. Result: EWOS has till end jul-95 to comment. If no comments, publish. (JMM) |
| 28/08/1995 | Title aligned with other NIT items (JP). |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00022

| | | |
|---|-------------------------------|---|
| Deliverable ETR 153 | Edition: 1 | Rapporteur: Hopkinson, Anthony |
| Creation date: 18/05/1993 | Lead Body: ETSI | Tel: +44 161 242 22 15 Fax: +44 161 236 98 77 |
| Standstill: | Cover date: 15/11/1994 | E-mail: tony.hopkinson@ncc.co.uk |
| Technical body in charge: MTS | | Technical editor: Pope, Maurice |
| PT: | | Database record last update: 21/10/1998 |
| Title: Methods for Testing and Specification (MTS); | | |
| Guidance on the production and completion of System Conformance Test Report (SCTR) and Protocol Conformance Test Report (PCTR) proforma | | |

Scope and field of application:

Update guide on Test Report proformas which are required to be attached to profile test specs. Reasons for change is the issuance of amendments in ISO/IEC ref standard, & decision of MTS & EGCT to break link between 2 very different parts of ETR40, which raised management & editing issues (eg 2 rapporteurs). (Ed was under DTR/ATM-2005.)

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-----------------------------------|---------------|-----------------|---------------|---------------|-----------------|----------------|
| 1 | Start of work | | | | | 19/02/1993 | |
| 6 | First complete draft | | 31/10/1993 | 31/10/1993 | 31/10/1993 | | |
| 8 | TB approval | | 31/12/1993 | 31/12/1993 | 31/12/1993 | 08/07/1994 | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/02/1994 | 28/02/1994 | 28/02/1994 | 24/10/1994 | |
| 12 | Publication | PU | 28/03/1994 | 21/11/1994 | 21/11/1994 | 15/11/1994 | |

Keywords

PROFILE
TESTING

Projects

Mandates

Secretariat Comments

| | |
|------------|---|
| 18/05/1993 | Record created. Target dates missing: ToC, STC approval. This may be a revision of ETR 040, or may be intended to supersede it. |
| 13/06/1994 | Created in continuation of DTR/MTS-02010 due to the closure of MTS 2. |
| 03/08/1994 | SC and HC received (CdE) |
| 24/10/1994 | Authorization logged in from letter from C Don (MP) |
| 13/03/1997 | MTS decided to withdraw this ETR as EWOS has published 2nd edition of ETG 043 (PRS) |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00028

Deliverable ETR 303 **Edition:** 1 **Rapporteur:** Maggiore, Giulio
Creation date: 10/11/1994 **Lead Body:** **Tel:** +39 011 228 69 10 **Fax:** +39 011 228 7003
Standstill: **Cover date:** 31/01/1997 **E-mail:** Giulio.Maggiore@cselt.it
Technical body in charge: MTS **Technical editor:** Meredith, John
PT: **Database record last update:** 25/02/1997

Title: Methods for Testing and Specification (MTS);
 Test Synchronization;
 Architectural reference; Test Synchronization Protocol 1 (TSP1) specification

Scope and field of application:

Architectural Reference to execute NIT type of testing. Test Synchronization Protocol 1 specification and example of realized architecture.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | | 10/11/1994 | 10/11/1994 | |
| 1 | Start of work | | 10/11/1994 | | 10/11/1994 | 10/11/1994 | |
| 2 | Table of Contents and Scope | | 31/03/1995 | | 31/03/1995 | 31/03/1995 | |
| 6 | First complete draft | | 30/06/1995 | | 30/06/1995 | 30/06/1995 | |
| 8 | TB approval | | 30/11/1995 | 23/06/1996 | 23/06/1996 | 27/06/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/12/1995 | 31/03/1996 | 31/07/1996 | 16/07/1996 | |
| 12 | Publication | PU | 28/01/1996 | 13/08/1996 | 30/12/1996 | 30/01/1997 | |

Keywords

NIT
 TSP1
 TESTING

Projects**Mandates**

Remarks

Protocol will enable equipts in distributed environnement to synchronise behaviours semiautomatically.
Contribution to Open TestingEnvironment.

Reference documents and work

DTR/MTS-00002

Secretariat Comments

02/12/1994 Ref doc added.

28/08/1995 title aligned with other NIT items, type changed from TCTR to ETR (as it seems to be suitable) (JP).

06/11/1995 Possible title change indicated at MTS 10/95. (PA)

06/12/1995 Indication from TC chairman that this WI is delayed and will be submitted for approval at next MTS plenary in Feb. 1996 - schedule updated accordingly. (PA)

26/02/1996 MTS#20 decided on title change and modifications to schedule (TC app. and publication dates fall back 4 months), schedule updated accordingly.(PA)

28/06/1996 MTS (jun-96) approved version 6.0 offered to mtg as TD37.
Rapporteur is to add an annex giving the semantics of the curious diagrams in §12, plus a warning about the bad ASN.1 which is there for compatibility with the equivalent OTE work. The .pr of the ASN.1 is to be included with the published document (diskette or whatever). (JMM)

23/07/1996 Received (16-jul) from rapporteur:
- etr_303p.doc TSP1 word document
- tsp1pr.z file of theTSP1 SDL pr format
- tsp1tar.z ps file of TSP1 SDL
all uu encoded. Passed to CdE for preprocessing. (JMM)

10/09/1996 Back from preprocessing. (JMM)

11/10/1996 Text of §14.2 is missing. Presumably what has to be incorporated here is the eps file of the SDL. Turns out that the sourc was compressed, and the output .ps files are unrecognisable to Word s converters. Ho hum. Consult rapporteur... (JMM)

18/10/1996 Uncompressed version of pr file supplied by rapporteur. File in "standin" as "tsp1 pr file.txt". Meanwhile P.p. is incorporating SD diags into main doc (no mean feat). (JMM)

23/10/1996 This accomplished. Editing of text begins. (JMM)

25/11/1996 Sent for QAR (sans SDL). (JMM)

16/12/1996 Doc processing team decline to perform QAR till SDL included . Have contacted Eurescom to ensure no copyright problems over use of their work. Meanwhile, am attempting to condense the SDL into one (or more) .eps file(s). (JMM)

17/12/1996 Eurescom confirms no copyright on its material. Still awaiti ng input from PEX on .eps file generation. (JMM)

19/12/1996 .pr file was produced using Geode not SDT, so no possibility of generating .eps files from source. No known way of generating .eps from .ps. So will have to make do with 103 zipped .pdf files. (JMM)

13/01/1997 Back from QAR for checking. (JMM)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00029

| | | |
|--------------------------------------|--------------------|---|
| Deliverable TR | Edition: | Rapporteur: Brusasco, Giulio |
| Creation date: 10/11/1994 | Lead Body: | Tel: +39 011 228 6945 Fax: +39 011 228 6909 |
| Standstill: | Cover date: | E-mail: giulio.brusasco@cselt.it |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: | | Database record last update: 03/04/1998 |

Title: Methods for Testing and Specification (MTS);
 Network Integration Testing (NIT);
 Interconnection; Reasons and goals for a global service testing approach

Scope and field of application:

Testing of the interconnection of heterogenous network elements providing global services; current approaches, goals and objectives; areas of applicability; concrete technique; standardization aspects for ETSI.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-----------------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | 10/11/1994 | 10/11/1994 | 10/11/1994 | |
| 1 | Start of work | | 10/11/1994 | 10/11/1994 | 10/11/1994 | 10/11/1994 | |
| 2 | Table of Contents and Scope | | 01/03/1995 | 01/03/1995 | 01/03/1995 | 01/03/1995 | 1.1.1 |
| 6 | First complete draft | | 01/07/1995 | 22/10/1998 | 22/10/1998 | | |
| 8 | TB approval | | 01/11/1995 | 28/03/1999 | 28/03/1999 | | |
| 8 A | Draft receipt by ETSI Secretariat | | 01/12/1995 | 30/04/1999 | 30/04/1999 | | |
| 12 | Publication | PU | 29/12/1995 | 30/05/1999 | 30/05/1999 | | |

Keywords

Projects

Mandates

Secretariat Comments

| | | |
|------------|-----------|--|
| 15/11/1994 | | Record created (GO) |
| 28/08/1995 | | Title aligned with other NIT ietms (JP). |
| 21/09/1995 | | Stable draft target 07/95 -> 03/96, TC target 11/95 -> 06/96. (JMM) |
| 26/02/1996 | | MTS#20 Changed rapporteur -> Brusasco. (PA) |
| 30/12/1996 | | Deliverable Type changed, ETR to TR (KF) |
| 03/02/1997 | | The Chairman changed the timing. Stable draft and onwards moved 1 year.(PRS) |
| 04/06/1997 | | The Chairman announced 6 months delay (PRS) |
| 28/10/1997 | rasmussen | MTS meeting 25 changed dates + 3 months |
| 03/04/1998 | reid | MTS meeting 26 extended dates further (approx 12 months). |

| | | |
|--|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00030-1 |
| Deliverable TCTR 004 | Edition: 1 | Rapporteur: Spichiger, Andreas |
| Creation date: 10/11/1994 | Lead Body: | Tel: +41 31 338 2651 Fax: +41 31 338 7800 |
| Standstill: | Cover date: 30/08/1996 | E-mail: andreas.spichiger@swisstelecom.com |
| Technical body in charge: MTS | | Technical editor: Meredith, John |
| PT: 65 | | Database record last update: 09/09/1996 |
| Title: Methods for Testing and Specification (MTS); Reports on experiments in validation methodology | | |

Scope and field of application:

Study the benefit of the application of different validation methods in experiments with cooperating STCs SMG 3, SPS 3 & BTC. Introduction of formal modelling and validation methods to new draft specifications.
The result will be used to propose a validation methodology for ETSI functional specifications based on SDL.
Part 1 - GSM-CCBS experiment

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | | 10/11/1994 | 10/11/1994 | |
| 1 | Start of work | | 01/02/1995 | | 01/02/1995 | 02/03/1995 | |
| 2 | Table of Contents and Scope | | 30/04/1995 | 22/09/1995 | 22/09/1995 | | |
| 6 | First complete draft | | 30/09/1995 | 28/02/1996 | 28/02/1996 | 21/02/1996 | |
| 8 | TB approval | | 31/03/1996 | 31/03/1996 | 30/04/1996 | 28/05/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/04/1996 | 30/04/1996 | 30/05/1996 | 28/05/1996 | |
| 12 | Publication | PU | 28/05/1996 | 28/05/1996 | 25/08/1996 | 28/08/1996 | |

Keywords

SDL
GSM
CCBS
VALIDATION
METHODOLOGY

Projects**Mandates****Reference documents and work**

DTR/MTS-00001, DTR/MTS-00031

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00030-2

Deliverable TR 101 034 **Edition:** **Rapporteur:** Spichiger, Andreas
Creation date: 23/02/1996 **Lead Body:** **Tel:** +41 31 338 2651 **Fax:** +41 31 338 7800
Standstill: **Cover date:** 30/05/1997 **E-mail:** andreas.spichiger@swisstelecom.com
Technical body in charge: MTS **Technical editor:** Rasmussen, Poul
PT: 65 **Database record last update:** 26/05/1997

Title: Methods for Testing and Specification (MTS);
 Reports on experiments in validation methodology;
 PISN Cordless Terminal Mobility Incoming Call Additional Network Feature (ANF-CTMI)

Scope and field of application:

Study the benefit of the application of different validation methods in experiments with cooperating STCs SMG 3, SPS 3 & BTC. Introduction of formal modelling and validation methods to new draft specifications.
 The result will be used to propose a validation methodology for ETSI functional specifications based on SDL.
 Part 2 - QSIG-CTM experiment

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | 23/02/1996 | 23/02/1996 | 23/02/1996 | |
| 1 | Start of work | | 01/02/1995 | 01/03/1996 | 01/03/1996 | | |
| 2 | Table of Contents and Scope | | 30/04/1995 | 01/01/1996 | 01/01/1996 | | |
| 6 | First complete draft | | 30/09/1995 | 28/06/1996 | 28/06/1996 | 25/10/1996 | |
| 8 | TB approval | | 31/03/1996 | 15/03/1997 | 15/03/1997 | 15/03/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/04/1996 | 15/04/1997 | 15/04/1997 | 15/03/1997 | |
| 12 | Publication | PU | 28/05/1996 | 15/05/1997 | 15/05/1997 | 22/05/1997 | 1.1.1 |

Keywords **Projects** **Mandates**
 VALIDATION
 METHODOLOGY

Reference documents and work

DTR/MTS-00001, DTR/MTS-00031

Secretariat Comments

26/02/1996 Formerly a single WI - DTR/MTS-00030, MTS#20 decided to make it a 3-part WI. This part concerned with on-going work in collaboration with TC SPS 3. Only TC app. date given by MTS#20, other dates are purely arbitrary. No information as to scope at this time. (PA)

21/05/1996 Randall clarifies the content of the three parts: <<Part 1 contains the results of the GSM-CCBS experiment // Part 2 will contain results of the QSIG-CTM experiment and is due for publication later in the summer // Part 3 will contain the results of the Core INAP CS2 experiment and should be available in early Autumn.>> (JMM)

18/11/1996 Completed text received from PT65 (Randall). (JMM)

30/12/1996 Deliverable Type changed, TCTR to TR (KF)

12/02/1997 The PT 65 output document should be prepared for TC approval by 13/03/97 PRS to talk with Steve Randall

21/03/1997 SC received (AL).

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00030-3

Deliverable TR 101 051 **Edition:** **Rapporteur:** Hogrefe, Dieter
Creation date: 23/02/1996 **Lead Body:** **Tel:** +49 45 15 00 37 20 **Fax:** +49 45 15 00 37 22
Standstill: **Cover date:** 22/02/1999 **E-mail:** hogrefe@itm.mu-luebeck.de
Technical body in charge: MTS **Technical editor:** Reid, Paul
PT: 99 **Database record last update:** 17/02/1999
Title: Methods for Testing and Specification (MTS);
Report of the CATG applications

Scope and field of application:

Study the benefit of the application of different validation methods in experiments with cooperating STCs SMG 3, SPS 3 & BTC. Introduction of formal modelling and validation methods to new draft specifications.
The result will be used to propose a validation methodology for ETSI functional specifications based on SDL.
Part 3 - Core INAP CS2 experiment

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | | 23/02/1996 | 23/02/1996 | 1.1.1 |
| 1 | Start of work | | 01/02/1995 | 01/03/1997 | 01/03/1997 | 01/03/1997 | |
| 2 | Table of Contents and Scope | | 30/04/1995 | 01/04/1997 | 01/04/1997 | 01/04/1997 | |
| 6 | First complete draft | | 30/09/1995 | 30/10/1997 | 30/10/1997 | 30/10/1997 | |
| 8 | TB approval | | 31/03/1996 | 30/03/1998 | 30/03/1998 | 21/10/1998 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/04/1996 | 30/10/1998 | 30/10/1998 | 19/11/1998 | |
| 12 | Publication | PU | 28/05/1996 | 27/11/1998 | 17/12/1998 | 22/02/1999 | 1.1.1 |

Keywords

SDL
TESTING
TTCN
VALIDATION
METHODOLOGY

Projects

Mandates

Reference documents and work

DTR/MTS-00001, DTR/MTS-00031

Secretariat Comments

26/02/1996 Part-3 of a 3-part WI created at the request of MTS#20 and derived from a single WI - DTR/MTS-00030. No information as to scope and title at this time. TC app. was the only date provided by MTS#20, the others are purely arbitrary.(PA)

21/05/1996 Randall clarifies the content of the three parts: <<Part 1 contains the results of the GSM-CCBS experiment // Part 2 will contain results of the QSIG-CTM experiment and is due for publication later in the summer // Part 3 will contain the results of the Core INAP CS2 experiment and should be available in early Autumn.>> (JMM)

21/11/1996 Work in SPS slower than expected, so no chance for PT65 to carry out this work. Allocated instead to provisional PT DN. Everything delayed a year. (JMM)

30/12/1996 Deliverable Type changed, TCTR to TR (KF)

19/11/1998 kooistra SC received for Publication

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DEG/MTS-00031

| | | |
|--------------------------------------|-------------------------------|---|
| Deliverable EG 201 015 | Edition: | Rapporteur: Spichiger, Andreas |
| Creation date: 10/11/1994 | Lead Body: | Tel: +41 31 338 2651 Fax: +41 31 338 7800 |
| Standstill: | Cover date: 15/05/1997 | E-mail: andreas.spichiger@swisstelecom.com |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: 65 | | Database record last update: 08/10/1997 |

Title: Methods for Testing and Specification (MTS);
 Specification of protocols and services;
 Validation methodology for standards using SDL; Handbook

Scope and field of application:

Develop a validation methodology for deliverables based on SDL for the use within ETSI taking into account the tools available at ETSI and ETSI procedures. The validation methodology has to introduce economic and easy-to-use techniques which go inline with the development methodology prepared in WI DTR/MTS-00033.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-------------------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | | 10/11/1994 | 10/11/1994 | |
| 1 | Start of work | | 01/06/1994 | | 01/06/1994 | 01/06/1994 | |
| 2 | Table of Contents and Scope | | 31/10/1994 | 19/05/1995 | 19/05/1995 | 25/06/1996 | |
| 6 | First complete draft | | 30/09/1995 | 30/05/1996 | 30/10/1996 | 29/08/1996 | |
| 8 | TB approval | | 31/03/1996 | 30/10/1996 | 30/10/1996 | 11/12/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/04/1996 | 30/11/1997 | 30/12/1996 | 27/12/1996 | |
| 8 AA | TCC approval | | 30/09/1996 | 30/09/1996 | 27/12/1996 | | |
| 8 AB | TA approval | | 28/10/1996 | 28/10/1996 | 24/01/1997 | | |
| 10 FM | Start of Membership Vote | MV 9716 | | | 18/02/1997 | 18/02/1997 | 1.1.1 |
| 10 GM | End of Vote | | | 18/04/1997 | 25/04/1997 | 25/04/1997 | |
| 11 | Vote result determination (adopted) | | | 02/05/1997 | 09/05/1997 | 25/04/1997 | |
| 12 | Publication | PU | 11/11/1996 | 16/05/1997 | 23/05/1997 | 13/05/1997 | 1.1.1 |

Keywords

VALIDATION
 ASN.1
 MSC
 METHODOLOGY
 SDL

Projects

Mandates

Reference documents and work

DTR/MTS-00001, DTR/MTS-00030, MTS(94)10

ETSI WORK PROGRAM (EWP) **Work Item Reference:** MI/MTS-00032

| | | |
|--|--------------------|---|
| Deliverable MI | Edition: | Rapporteur: Willcock, Colin |
| Creation date: 10/11/1994 | Lead Body: | Tel: +49 711 1398 22-0 Fax: +49 711 1398 22-999 |
| Standstill: | Cover date: | E-mail: c.willcock@expert-telecoms.com |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: | | Database record last update: 21/10/1998 |
| Title: Methods for Testing and Specification (MTS); TTCN Defect Reports raised by ETSI | | |

Scope and field of application:

To handle defects and proposals for extensions to TTCN as they arise through use of the notation by ETSI. This should include the collection of defect reports as well as solution proposals.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by (S)TC | | 10/11/1994 | 10/11/1994 | 10/11/1994 | 10/11/1994 | |
| 1 | Start of work | | 01/01/1995 | 01/01/1995 | 01/01/1995 | 10/11/1994 | |
| 12 | Completion | | 30/11/1996 | 30/12/1999 | 30/12/1999 | | |

Keywords

TTCN
ASN.1

Projects

Mandates

Remarks

The PEX support is necessary. The issue is related to DTS/MTS-00045

Reference documents and work

ISO/IEC 9646-3

Secretariat Comments

| | | |
|------------|-----------|---|
| 15/11/1994 | | Record created (GO) |
| 03/02/1997 | | Termination date changed to 30/03/97. To be discussed at next MTS meeting |
| 13/03/1997 | | MTS decided to keep this WI for one more year (PRS) |
| 28/10/1997 | rasmussen | MTS 25 decided to keep the WI open to the end of 1998 |
| 03/04/1998 | reid | MTS 26 decided to keep the WI open to the end of 1999 ! |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00033-1

Deliverable ETR 298 **Edition:** 1 **Rapporteur:** Wiles, Anthony
Creation date: 10/11/1994 **Lead Body:** **Tel:** +33 4 92 94 43 87 **Fax:** +33 4 93 65 38 51
Standstill: **Cover date:** 15/09/1996 **E-mail:** anthony.wiles@etsi.fr
Technical body in charge: MTS **Technical editor:** Meredith, John
PT: 60 **Database record last update:** 11/09/1996

Title: Methods for Testing and Specification (MTS);
Specification of protocols and services;
Handbook for SDL, ASN.1 and MSC development

Scope and field of application:

Tutorial material in the form of a handbook on the systematic creation of SDL, ASN.1 and MSC for the specification of ETSI services and protocols.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | | 10/11/1994 | 10/11/1994 | |
| 1 | Start of work | | 01/01/1995 | | 01/01/1995 | 20/03/1995 | |
| 2 | Table of Contents and Scope | | 01/02/1995 | | 01/02/1995 | 24/03/1995 | |
| 6 | First complete draft | | 01/06/1995 | 15/11/1995 | 15/11/1995 | 21/02/1996 | |
| 8 | TB approval | | 30/11/1995 | 31/03/1996 | 31/03/1996 | 31/03/1996 | |
| 5 P | Suspend work | | | | | 06/05/1996 | |
| 5 O | Resume work | | | | 13/05/1996 | 07/05/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/12/1995 | 28/04/1996 | 13/05/1996 | 12/05/1996 | |
| 8 AA | TCC approval | | 28/02/1995 | 19/06/1996 | 12/05/1996 | | |
| 8 AB | TA approval | | 31/03/1995 | 17/04/1996 | 09/06/1996 | | |
| 12 | Publication | PU | 14/04/1995 | 30/08/1996 | 30/08/1996 | 11/09/1996 | |

Keywords

METHODODOLOGY
ASN.1
SDL
MSC

Projects**Mandates**

Reference documents and work

ETS 300 414, ITU-T X.680, Z.100, Z.120, MTS(94)10

Secretariat Comments

15/11/1994 Record created (GO)

02/06/1995 Start of work & toc milestones achievement noted from apr-94 PT60 report. (JMM)

24/08/1995 PT report: Stable draft 06/95 -> 10/95, TC approval 11/95 -> 03/96. Therefore, TCC approval 02/96 -> 06/96, TA approval 03/96 -> 04/96. Net result is only 1 month delay. (JMM)

26/02/1996 Minor change to scope, stable draft achieved. (PA)

02/04/1996 Msg from TC Chairman: <<The TCR-TR on the SDL handbook (DTR/MTS-00033) prepared by PT60 can start now the two months consultation period, as long as no comments preventing publication have been received by me by the deadline, that was march 31. The soft copy should be available in the Server. For any problem you should contact the PT leader, S. Randall.>> Revised procedure attached, which causes overall five month delay in target publication date. (JMM)

06/05/1996 TC Chairman informs Secretariat of potential error relating to formal SDL. Suspend while this is sorted out. (JMM)

07/05/1996 S Randall states that all is now well, text is OK, and he also provides files <<and these should form the basis of the electronic example that can be made available to readers of the Handbook. The files are as follows:
.../PRINT/PUMI.EPS - The postscript print file of the SDL example
.../PR/PUMI.SDL - The generic form of the SDL model (the PR file) for non SDT users
.../SDT/*.* - The SDT specific form of the model>>
These files are apparently to be included on diskette with the paper version, and as associated files with the electronic version. (JMM)

10/05/1996 Files clocked in and ETSI number awarded. (JMM)

12/05/1996 TC Chairman confirms resumption order. Also that item is to be published as an ETR with an endorsing TCRTR. So work item duplicated; -1 will be ETR, -2 TCRTR. (JMM)

15/05/1996 Files passed to CdE for preprocessing. (JMM)

23/05/1996 Back from preprocessing. Unlikely to meet publication target, so 05/96->06/96.. (JMM)

11/06/1996 Tech Editing complete, sent for QAR. (JMM)

01/08/1996 Long since back from QAR, but holidays, other pressing business, etc intervened. So, QAR proposals endorsed, returned to CD (now also on holiday) for final editing before publication. (JMM)

05/09/1996 Ready for publication. (JMM)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00033-2

| | | |
|--------------------------------------|-------------------------------|---|
| Deliverable TCRTR 050 | Edition: 1 | Rapporteur: Wiles, Anthony |
| Creation date: 13/05/1996 | Lead Body: | Tel: +33 4 92 94 43 87 Fax: +33 4 93 65 38 51 |
| Standstill: | Cover date: 29/01/1997 | E-mail: anthony.wiles@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Meredith, John |
| PT: 60 | | Database record last update: 25/02/1997 |

Title: Methods for Testing and Specification (MTS);
Specification of protocols and services;
Handbook for SDL, ASN.1 and MSC development [ETR 298 (1996)]

Scope and field of application:

Tutorial material in the form of a handbook on the systematic creation of SDL, ASN.1 and MSC for the specification of ETSI services and protocols.
Endorsement of ETR 298.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|--------------------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | 10/11/1994 | | 10/11/1994 | 10/11/1994 | |
| 1 | Start of work | | 01/01/1995 | | 01/01/1995 | 20/03/1995 | |
| 2 | Table of Contents and Scope | | 01/02/1995 | | 01/02/1995 | 24/03/1995 | |
| 6 | First complete draft | | 01/06/1995 | 15/11/1995 | 15/11/1995 | 21/02/1996 | |
| 8 | TB approval | | 30/11/1995 | 31/03/1996 | 31/03/1996 | 31/03/1996 | |
| 5 P | Suspend work | | | | | 06/05/1996 | |
| 5 O | Resume work | | | | 13/05/1996 | 07/05/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/12/1995 | 28/04/1996 | 13/05/1996 | 07/05/1996 | |
| 8 AC | Start of 2 month consultation period | | | 16/09/1996 | 16/09/1996 | 16/09/1996 | |
| 8 AD | End of 2 month consultation period | | | 15/11/1996 | 15/11/1996 | 15/11/1996 | |
| 8 AE | TB re-approval | | | 13/12/1996 | 13/12/1996 | 09/01/1997 | |
| 9 E | Draft receipt by ETSI Secretariat | | | 10/01/1997 | 06/02/1997 | 09/01/1997 | |
| 12 | Publication | PU | 14/04/1995 | 07/02/1997 | 06/02/1997 | 24/01/1997 | |

Keywords

ASN.1
METHODOLOGY
MSC
SDL

Projects**Mandates**

Reference documents and work

ETS 300 414, ITU-T X.680, Z.100, Z.120, MTS(94)10

Secretariat Comments

15/11/1994 Record created (GO)

02/06/1995 Start of work & toc milestones achievement noted from apr-94 PT60 report. (JMM)

24/08/1995 PT report: Stable draft 06/95 -> 10/95, TC approval 11/95 -> 03/96. Therefore, TCC approval 02/96 -> 06/96, TA approval 03/96 -> 04/96. Net result is only 1 month delay. (JMM)

26/02/1996 Minor change to scope, stable draft achieved. (PA)

02/04/1996 Msg from TC Chairman: <<The TCR-TR on the SDL handbook (DTR/MTS-00033) prepared by PT60 can start now the two months consultation period, as long as no comments preventing publication have been received by me by the deadline, that was march 31. The soft copy should be available in the Server. For any problem you should contact the PT leader, S. Randall.>> Revised procedure attached, which causes overall five month delay in target publication date. (JMM)

06/05/1996 TC Chairman informs Secretariat of potential error relating to formal SDL. Suspend while this is sorted out. (JMM)

07/05/1996 S Randall states that all is now well, text is OK, and he also provides files <<and these should form the basis of the electronic example that can be made available to readers of the Handbook. The files are as follows:
.../PRINT/PUMI.EPS - The postscript print file of the SDL example
.../PR/PUMI.SDL - The generic form of the SDL model (the PR file) for non SDT users
.../SDT/*.* - The SDT specific form of the model>>
These files are apparently to be included on diskette with the paper version, and as associated files with the electronic version. (JMM)

10/05/1996 Files clocked in and ETSI number awarded. (JMM)

12/05/1996 TC Chairman confirms resumption order. Also that item is to be published as an ETR with an endorsing TCRTR. So work item duplicated; -1 will be ETR, -2 TCRTR. (JMM)

14/06/1996 Start of consultation target aligned with latest publication date of ETR (-1). (JMM)

06/09/1996 Underlying ETR now ready for publication, so dates revised accordingly. (JMM)

10/09/1996 Signed off for consultation period. (JMM)

22/01/1997 Chairman confirmed OK to publish on 9-jan. (JMM)

23/01/1997 Signed off for publication, after minor tweek. (JMM)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** RTR/MTS-00034

Deliverable TCRTR 006 **Edition:** 2 **Rapporteur:** Brusasco, Giulio
Creation date: 23/03/1995 **Lead Body:** ETSI **Tel:** +39 011 228 6945 **Fax:** +39 011 228 6909
Standstill: **Cover date:** 15/06/1996 **E-mail:** giulio.brusasco@cselt.it
Technical body in charge: MTS **Technical editor:** Meredith, John
PT: **Database record last update:** 09/09/1996

Title: Methods for Testing and Specification (MTS);
 ETSI and certification in telecommunications;
 Overview of outstanding issues and some recommendations

Scope and field of application:

Revise procedures in order to update the current ETSI policy of testing methods according to new market needs and investigate possible ways of reducing the cost and / or improve the effectiveness of testing deliverables to be produced by ETSI.

Revision requested by TCC19 and TA20.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|--------------------------------------|--------|----------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 23/03/1995 | |
| 0 a | TB adoption of WI | | | | | 23/03/1995 | |
| 0 b | TA adoption of WI | | | | | 29/03/1995 | |
| 1 | Start of work | | | | | 22/03/1995 | |
| 2 | Table of Contents and Scope | | | | 31/05/1995 | 25/09/1995 | |
| 6 | First complete draft | | | | 12/06/1995 | 25/09/1995 | |
| 8 | TB approval | | | 30/09/1995 | 19/10/1995 | 31/10/1995 | |
| 8 A | Draft receipt by ETSI Secretariat | | | 30/08/1995 | 19/10/1995 | 09/01/1996 | |
| 8 AC | Start of 2 month consultation period | | | | 31/01/1996 | 15/01/1996 | |
| 8 AD | End of 2 month consultation period | | | 15/03/1996 | 15/03/1996 | 15/03/1996 | |
| 8 AE | TB re-approval | | | 12/04/1996 | 12/04/1996 | 03/05/1996 | |
| 9 E | Draft receipt by ETSI Secretariat | | | 10/05/1996 | 31/05/1996 | 03/05/1996 | |
| 12 | Publication | PU | | 07/06/1996 | 31/05/1996 | 14/06/1996 | |

Keywords

TESTING
 QUALITY
 ICS
 VALIDATION

Projects**Mandates**

Reference documents and work

TCRTR 006 ed 1

Secretariat Comments

15/05/1995 Record created. New WI already agreed by TA20, so no need to present as new to next TA.(JMM)

09/06/1995 TC approval target 06/95 -> 09/95. This means it will miss TCC approval 08/95 -> 03/96, with TA approval delayed accordingly. (JMM)

26/09/1995 Ad hoc meeting 14-15 Sept 95; chairman wishes to bring final draft for approval at TCC Sept 95, TA Nov 95 and publish asap. Extent of changes so radical that decided to make a brand new TCRTR rather than 2nd ed of TCRTR006 (so WI ref modified accordingly). TCRTR006 to be withdrawn on publication of this one. (JMM)

19/10/1995 TC approved at TURIN meeting, now to be submitted to TA23 (bypassing TCC approval due to its urgency). (PA)

07/12/1995 NOT approved at TA23 - will be submitted to next TA. Schedule updated accordingly. (PA)

09/01/1996 here will NOT now be a brand new TCRTR006, the existing version will go to edition 2 and be published a.s. WI details (DTR->RTR, Ed1->Ed2)) changed accordingly. (PA)

09/01/1996 SC received for TC/STC perusal, new TCRTR procedure added (cal).

11/01/1996 Draft for TC/STC review delivered to JP. (PA)

26/02/1996 Scope change from MTS#20. (PA)

06/05/1996 TC Chairman confirms no adverse comments received during consultation period, so can be processed for publication. Version sent out on consultation passed to CdE for processing towards publication. (JMM)

17/05/1996 Returned from processing. Ready for publication. (JMM)

| | | |
|---|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00035 |
| Deliverable TR 101 028 | Edition: | Rapporteur: Brusasco, Giulio |
| Creation date: 28/06/1995 | Lead Body: ETSI | Tel: +39 011 228 6945 Fax: +39 011 228 6909 |
| Standstill: | Cover date: 14/08/1997 | E-mail: giulio.brusasco@cselet.it |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: 77 | | Database record last update: 14/08/1997 |
| Title: Survey on the Use of Test Specifications produced by ETSI | | |

Scope and field of application:

To assess the use in Europe of ETSI testing methodologies and test specifications in relation to testing practices as seen by:

- test laboratories;
- test tool developers;
- network operators;
- manufacturers;
- service providers.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|--------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 28/06/1995 | |
| 0 a | TB adoption of WI | | | | | 28/06/1995 | |
| 0 b | TA adoption of WI | | 30/10/1995 | | 30/10/1995 | 20/06/1995 | |
| 1 | Start of work | | 15/09/1995 | 15/09/1995 | 15/09/1995 | 28/09/1995 | |
| 2 | Table of Contents and Scope | | 31/12/1995 | 31/12/1995 | 31/12/1995 | 15/06/1996 | |
| 6 | First complete draft | | 31/03/1996 | 30/10/1996 | 30/10/1996 | 30/10/1996 | |
| 8 | TB approval | | 31/05/1996 | 15/03/1997 | 15/03/1997 | 13/03/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/06/1996 | 30/06/1997 | 30/06/1997 | 13/03/1997 | |
| 8 WA | Waiting - see "secretariat comments" | | | | 10/04/1997 | 10/04/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 28/07/1997 | 24/07/1997 | |
| 12 | Publication | PU | 28/07/1996 | 28/07/1997 | 21/08/1997 | 14/08/1997 | 1.1.1 |

Keywords

TESTING
 METHODOLOGY
 TTCN

Projects

Mandates

Secretariat Comments

| | |
|------------|---|
| 04/07/1995 | Record created. (JMM) |
| 10/07/1995 | Sponsoring members identified, though MTS chairman says that they all say they have an interest in the work "provided that no money or no relevant work effort is asked to them". (JMM) |
| 26/02/1996 | MTS#20 modified title and schedule (TC app. date falls back 7 months, 8A date falls back by 1 year) |
| 30/12/1996 | Deliverable Type changed, ETR to TR (KF) |
| 13/03/1997 | Title of the TC approved document: "Survey on the use of Test Specifications produced by ETSI" |
| 20/03/1997 | SC received (AL). |
| 06/05/1997 | Various pieces of text to be clarified by "Rapporteur" before processing (PRS) |
| 24/07/1997 | Received "clarified" draft from Christian Don. |

| | | |
|---|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DEG/MTS-00036 |
| Deliverable EG 201 148 | Edition: | Rapporteur: Brusasco, Giulio |
| Creation date: 28/06/1995 | Lead Body: | Tel: +39 011 228 6945 Fax: +39 011 228 6909 |
| Standstill: | Cover date: 15/03/1998 | E-mail: giulio.brusasco@cse.lt.it |
| Technical body in charge: MTS | | Technical editor: Reid, Paul |
| PT: 88 | | Database record last update: 13/03/1998 |
| Title: Methods for Testing and Specification (MTS); Guide for the use of the second edition of TTCN | | |

Scope and field of application:

To cover the correct usage of the second edition of ISO 9646-3 (ie. TTCN), some relevant new aspects of the TTCN notation, such as live concurrency, modularity, encoding rules, taking into account that the current ongoing evolution of the standards require some guidance to be provided.

Supporting members: France Télécom, CSELT, PQM, Expert Telecoms.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|---------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 28/06/1995 | |
| 0 a | TB adoption of WI | | | | | 28/06/1995 | |
| 0 b | TA adoption of WI | | 25/10/1995 | | 25/10/1995 | 09/11/1995 | |
| 1 | Start of work | | 30/11/1995 | 18/10/1995 | 18/10/1995 | 10/04/1996 | |
| 2 | Table of Contents and Scope | | 30/03/1996 | 30/03/1996 | 30/03/1996 | 30/06/1996 | 1.1.1 |
| 6 | First complete draft | | 30/09/1996 | 30/10/1997 | 30/10/1997 | 30/06/1997 | |
| 8 | TB approval | | 31/12/1996 | 30/03/1998 | 30/03/1998 | 23/10/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/01/1997 | 30/04/1998 | 30/04/1998 | 12/12/1997 | |
| 10 FM | Start of Membership Vote | MV 9808 | | 28/05/1998 | 23/12/1997 | 23/12/1997 | 1.1.1 |
| 10 GM | End of Vote | | | 30/07/1998 | 20/02/1998 | 20/02/1998 | |
| 11 | Vote result determination (adopted) | | | 13/08/1998 | 06/03/1998 | 20/02/1998 | |
| 12 | Publication | PU | 28/02/1997 | 27/08/1998 | 06/03/1998 | 13/03/1998 | 1.1.2 |

Keywords

TESTING
TTCN

Projects**Mandates****Remarks**

PT will be proposed, EC funded to the extent possible. Cooperation with PEX.

Secretariat Comments

| | | |
|------------|-----------|--|
| 10/07/1995 | | Record created. TC chairman confirmed Guy Martin as rapporteur, not Maggiore as originally proposed. Rayner, Vecchiato, Maggiore, Bogotyrow & Randall (& Wiles) also mentioned as being willing to contribute to the work. If no PT, then extend the drafting period to two years. (JMM) |
| 06/11/1995 | | Title changed to "Guide for the use of the 2nd. edition of TTCN". (PA) |
| 26/02/1996 | | MTS#20 modified scope and schedule (start of work 30/11/95 -> 18/10/95).(PA) |
| 11/04/1996 | | Stable draft target 03/96->02/97. Other dates adjusted to suit. (JMM) |
| 28/06/1996 | | Presented to jun-96 (Brussels) TC mtg as TD50 (see also TDs 45-59, 51, 52), but seems to be far from complete. Gregorio (not Guy!) Martin to contribute by 15-jul. (JMM) |
| 30/12/1996 | | Change of Deliverable Type from ETR (KF) |
| 28/10/1997 | rasmussen | Rapporteur changed from Guy Martin to Giulio Brusasco |
| 12/12/1997 | lancry | SC received for preprocessing for MAP |
| 12/12/1997 | rasmussen | The draft has been updated by Anthony Wiles i.e. STF 88 |
| 19/12/1997 | pope | Title modified to match the received version title |

| | | |
|---|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00037-1 |
| Deliverable TR 101 023-1 | Edition: | Rapporteur: Zoric, Milan |
| Creation date: 28/06/1995 | Lead Body: ETSI | Tel: +33 4 92 94 43 80 Fax: +33 4 93 65 47 16 |
| Standstill: | Cover date: 30/04/1997 | E-mail: milan.zoric@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: 86 | | Database record last update: 08/10/1997 |
| Title: Methods for Testing and Specification (MTS); Portability of SDL specifications | | |

Scope and field of application:

To investigate how SDL can be formally used in TCs/STCs.

Supporting members: CSELT, ProTelecom, Expert Telecom, France Télécom.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 28/06/1995 | |
| 0 a | TB adoption of WI | | | | | 28/06/1995 | |
| 0 b | TA adoption of WI | | 25/10/1995 | 25/10/1995 | 25/10/1995 | 09/11/1995 | |
| 1 | Start of work | | 01/01/1996 | 01/04/1996 | 01/04/1996 | | |
| 2 | Change from MI to ETR | | | | | 10/04/1996 | |
| 6 | First complete draft | | | | | 17/10/1996 | |
| 8 | TB approval | | | 30/03/1997 | 30/03/1997 | 30/03/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | | 30/04/1997 | 30/04/1997 | 02/04/1997 | |
| 12 | Publication | PU | 31/12/1997 | 30/04/1997 | 30/04/1997 | 28/04/1997 | 1.1.1 |

Keywords

SDL
METHODOLOGY

Projects**Mandates**

Remarks

PT required. Collaboration with PEX required.

Reference documents and work

MTS 06/95 temp doc 22 and MTS 02/96 TD.71

Secretariat Comments

10/07/1995

Record created.

26/02/1996

From MTS#20:

Rapporteur Brusasco -> Zoric,

PT field modified;

Reference documents and work field modified;

Remarks field modified;

Schedule (start of work) modified.

11/04/1996

MTS decided that a deliverable will be created, so type changed from MI to ETR. Set TC approval target to former target for completion of MI, but earlier targets lacking. (JMM)

12/12/1996

Oct 96 MTS mtg decided that two documents (TDs 71 & 72) should be published as evidence that PT had done something. Therefore this WI split into two, and title changed from "Deployment of SDL in ETSI TCs" to what you see now. (JMM)

31/12/1996

Rapporteur & Chairman asked to furnish files of this deliverable. Deliverable changed to TR from TCTR. (JMM)

06/01/1997

E-mail from Ellsberger indicates that file is available but is not yet ready for publication. Quo vadis? (JMM)

17/02/1997

According to Jan Ellsberger, the draft is expected approved at the MTS March 1997 meeting. (PRS)

13/03/1997

The draft was approved in principle by MTS, but some editorial issues are still to be worked out e.g. the annex of the TR. Milan Zoric to provide. (PRS)

02/04/1997

Draft received by e-mail from Jan Ellsberger. figs 5 & 6 are corrupted, but according to Jan, this is the way it should be.

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00037-2

Deliverable TR 101 023-2 **Edition:** **Rapporteur:** Zoric, Milan
Creation date: 12/10/1996 **Lead Body:** ETSI **Tel:** +33 4 92 94 43 80 **Fax:** +33 4 93 65 47 16
Standstill: **Cover date:** 30/04/1997 **E-mail:** milan.zoric@etsi.fr
Technical body in charge: MTS **Technical editor:** Rasmussen, Poul
PT: 86 **Database record last update:** 08/10/1997
Title: Methods for Testing and Specification (MTS);
Application of object-oriented SDL features in B-ISDN specifications

Scope and field of application:

To investigate how SDL can be formally used in TCs/STCs.
Supporting members: CSELT, ProTelecom, Expert Telecom, France Télécom.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|--------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 28/06/1995 | |
| 0 a | TB adoption of WI | | | | | 28/06/1995 | |
| 0 b | TA adoption of WI | | 25/10/1995 | | 25/10/1995 | 09/11/1995 | |
| 1 | Start of work | | 01/01/1996 | 01/04/1996 | 01/04/1996 | | |
| 8 | TB approval | | | 31/12/1997 | 31/12/1997 | 17/10/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | | 31/01/1998 | 30/12/1996 | 03/02/1997 | |
| 8 WA | Waiting - see "secretariat comments" | | | | 03/03/1997 | 26/02/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 07/04/1997 | 14/04/1997 | |
| 12 | Publication | PU | | 03/03/1997 | 12/05/1997 | 23/04/1997 | 1.1.1 |

Keywords

METHODOLOGY
SDL
ISDN
B-ISDN
BROADBAND

Projects

Mandates

Remarks

PT required. Collaboration with PEX required.

Reference documents and work

MTS 06/95 temp doc 22 and MTS 02/96 TD.71

Secretariat Comments

10/07/1995 Record created.
26/02/1996 From MTS#20: Rapporteur Brusasco -> Zoric, PT field modified; Reference documents and work field modif
Remarks field modified; Schedule (start of work) modified.
11/04/1996 MTS decided that a deliverable will be created, so type changed from MI to ETR. Set TC approval target to
former target for completion of MI, but earlier targets lacking. (JMM)
12/12/1996 Oct 96 MTS mtg decided that two documents (TDs 71 & 72) shou
ld be published as evidence that PT had done something. Therefore this
WI split into two, and title changed from "Deployment of SDL in ETSI
TCs" to what you see now. Exec summary of mtg says <<approved pending
some amendments that resulted from the discussions>>. (JMM)
31/12/1996 Rapporteur & Chairman asked to furnish files of this deliverable. Deliverable changed to TR from ETR. (JMN
06/01/1997 E-mail from Ellsberger indicates that file is available on ftp server as mts_p/meetings/td3_rd/td72a396.doc.
(JMM)
03/02/1997 Formal handover by the Chairman. (PRS)
17/02/1997 Start of preprocessing
26/02/1997 Requesting scope clause from the rapporteur. On hold. (PRS)
13/03/1997 Several requests to the rapporteur for updated document e.g. during the MTS meeting. (PRS)
14/04/1997 Received updated text by e-mail (PRS)

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DEG/MTS-00039-01

| | | |
|--------------------------------------|-------------------------------|---|
| Deliverable EG 201 014 | Edition: | Rapporteur: Don, Christian |
| Creation date: 03/11/1995 | Lead Body: ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | Cover date: 15/05/1997 | E-mail: don@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: 76 | | Database record last update: 16/05/1997 |

Title: Methods for Testing and Specification (MTS);
ETSI Standards-making;
Technical quality criteria for telecommunications standards

Scope and field of application:

According to the ToR of PT76V and PT76V initial report MTS 10/95 TD.79.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-------------------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | 19/10/1995 | | 19/10/1995 | 19/10/1995 | |
| 0 a | TB adoption of WI | | 19/10/1995 | | 19/10/1995 | 19/10/1995 | |
| 0 b | TA adoption of WI | | 31/03/1996 | 31/03/1996 | 31/03/1996 | 16/04/1996 | |
| 1 | Start of work | | 11/09/1995 | | 11/09/1995 | 11/09/1995 | |
| 2 | Table of Contents and Scope | | 30/03/1996 | 30/03/1996 | 30/03/1996 | 04/03/1996 | |
| 6 | First complete draft | | 30/06/1996 | 30/06/1996 | 30/06/1996 | 29/08/1996 | |
| 8 | TB approval | | 30/10/1996 | 30/10/1996 | 30/10/1996 | 27/12/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/11/1996 | 30/11/1996 | 30/11/1996 | 27/12/1996 | |
| 10 FM | Start of Membership Vote | MV 9717 | | 25/02/1997 | 25/02/1997 | 25/02/1997 | 1.1.1 |
| 10 GM | End of Vote | | | 25/04/1997 | 25/04/1997 | 25/04/1997 | |
| 11 | Vote result determination (adopted) | | | 09/05/1997 | 09/05/1997 | 25/04/1997 | |
| 12 | Publication | PU | 28/12/1996 | 23/05/1997 | 23/05/1997 | 13/05/1997 | 1.1.1 |

Keywords

QUALITY

Projects**Mandates**

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DEG/MTS-00039-02

| | | |
|--|------------------------|---|
| Deliverable EG | Edition: | Rapporteur: Meredith, John |
| Creation date: 06/11/1995 | Lead Body: ETSI | Tel: +33 4 92 94 42 37 Fax: +33 4 92 94 43 42 |
| Standstill: | Cover date: | E-mail: john.meredith@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 98 | | Database record last update: 07/08/1998 |
| Title: Technical quality of telecommunications standards; Complementary methods and technical quality manual | | |

Scope and field of application:

According to ToR of PT76V and PT76V initial report (MTS 10/95 TD79).
Recommendation on standards development and quality processes to facilitate the satisfaction of high quality criteria for standards.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 19/10/1995 | 19/10/1995 | 19/10/1995 | 19/10/1995 | |
| 0 a | TB adoption of WI | | 19/10/1995 | 19/10/1995 | 19/10/1995 | 19/10/1995 | |
| 1 | Start of work | | 11/09/1995 | 11/09/1995 | 11/09/1995 | 11/09/1995 | 0.0.0 |
| 2 | Table of Contents and Scope | | 30/06/1996 | 28/02/1998 | 30/10/1997 | 28/02/1998 | |
| 6 | First complete draft | | 31/10/1996 | 05/03/1998 | 31/12/1997 | 05/03/1998 | 0.1.1 |
| 8 | TB approval | | 31/03/1997 | 22/10/1998 | 22/10/1998 | | 0.1.2 |
| 8 A | Draft receipt by ETSI Secretariat | | 30/04/1997 | 22/10/1998 | 22/10/1998 | | |
| 10 FM | Start of Membership Vote | MV | | 19/11/1998 | 19/11/1998 | | |
| 10 GM | End of Vote | | | 18/01/1999 | 18/01/1999 | | |
| 11 | Vote result determination (adopted) | | | 01/02/1999 | 01/02/1999 | | |
| 12 | Publication | PU | 31/05/1997 | 15/02/1999 | 15/02/1999 | | |

Keywords

QUALITY
METHODOLOGY

Projects

Mandates

Remarks

The aim is to contribute to the standards making and improvements of the drafting rules.

Reference documents and work

EG 201 014Board document, B3(96)24: Course of action concerning the introduction of revised PNE rules.

Secretariat Comments

| | | |
|------------|----------|---|
| 06/11/1995 | | WI created (PA) |
| 26/02/1996 | | From MTS#20 schedule changed (ToC & S falls back 3 months, STC app. by 4 months, TC app by 5 months). (PA) |
| 30/12/1996 | | Change of Deliverable Type (KF) |
| 03/02/1997 | | Chairman: Has been rescheduled as a consequence of the process for introducing a revision to the standards drafting rules as endorsed by the Board decision B3/1. From "Stable draft" and onwards the schedule has been delayed one year . PT 76V has been replaced by PT 98 (prev DM).(PRS) |
| 07/05/1997 | | Whatever contents will be - and I favour a general guide to how to write deliverables -, it can't be ready till long after present schedule indicates. I have delayed early phases by a year. Rapporteur : Don->Meredith. (JMM) |
| 09/03/1998 | craik | This item falls under 2 Order Vouchers - etsi/95/bc-p02 (for PT 76V) and etsi/dir/97/p-20 (STF 98 - a continuation of 76V). |
| 03/04/1998 | reid | MTS 26 agreed to allow two weeks for comment following the meeting (i.e until 10 April) and then consider approved (assuming no comment of substantive nature) |
| 13/05/1998 | meredith | Draft was presented to MTS, March 98. But work still needs doing on macros, esp to convert to Visual Basic Need to get them adopted by SMS dept of Secretariat. Work on drafting guide has to be scrapped, since superseded by TR 101 262. |
| 13/07/1998 | meredith | V1.1.2 handed over as JMM final output from the STF. |
| 27/07/1998 | craik | Also part of OV etsi/dir/97/p-20. |

| | | |
|--|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | MI/MTS-00039-03 |
| Deliverable MI | Edition: | Rapporteur: Meredith, John |
| Creation date: 06/11/1995 | Lead Body: | Tel: +33 4 92 94 42 37 Fax: +33 4 92 94 43 42 |
| Standstill: | Cover date: | E-mail: john.meredith@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 98 | | Database record last update: 05/10/1998 |
| Title: Implementation and follow-on of technical quality recommendations for standards (output of PT76V). | | |

Scope and field of application:

According to MTS 10/95 TD65
 To provide practical help to rapporteurs who are drafting deliverables , in the form of WinWord macros and useful guidelines (guide to be published under WI DEG/MTS-00030-2). Also to create and disseminate on-line checklists as quality control aid for rapporteurs.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by (S)TC | | 19/10/1995 | 19/10/1995 | 19/10/1995 | 19/10/1995 | |
| 0 a | TC adoption of WI | | 19/10/1995 | 19/10/1995 | 19/10/1995 | 19/10/1995 | |
| 0 b | TA adoption of WI | | | 16/04/1996 | | 16/04/1996 | |
| 1 | Start of work | | 11/01/1997 | 11/01/1997 | 11/01/1997 | 11/01/1997 | |
| 2 | Definitive project plan available | | | 07/05/1997 | 09/05/1997 | 07/05/1997 | |
| 5 S | First release to rapporteurs | | | 15/05/1997 | 15/05/1997 | 15/05/1997 | |
| 5 S | Progress report to MTS | | | 18/06/1997 | 18/06/1997 | 18/06/1997 | |
| 5 S | Second release to rapporteurs | | | 04/10/1997 | 30/09/1997 | 04/10/1997 | |
| 5 S | Progress report to MTS | | | 22/10/1997 | 22/10/1997 | 22/10/1997 | |
| 5 S | Progress report to MTS | | | 12/01/1998 | 31/12/1997 | 12/01/1998 | |
| 5 S | Release of macros to Secretariat | | | 23/02/1998 | 15/02/1998 | 23/02/1998 | |
| 5 S | Progress report to MTS | | | 12/03/1998 | | 12/03/1998 | |
| 5 S | Revision of macros | | | 31/05/1998 | 01/09/1998 | 31/05/1998 | |
| 5 S | Progress report to MTS | | | 13/07/1998 | 01/09/1998 | 13/07/1998 | |
| 5 S | Final delivery to MTS | | | 20/10/1998 | 20/10/1998 | | |
| 12 | Completion | | 30/12/1997 | 22/10/1998 | 22/10/1998 | | |

Keywords

Projects

Mandates

Reference documents and work

EG 201 014Board document, B3(96)24: Course of action concerning the introductionof revised PNE rules.

Secretariat Comments

| | | |
|------------|----------|--|
| 06/11/1995 | | WI created from input of MTS 10/95 (PA). |
| 26/02/1996 | | From MTS#20, schedule changed (start of work falls back 3 months). (PA) |
| 03/02/1997 | | Completion date changed, delayed one year (PRS). PT 98 established. |
| 07/05/1997 | | Scope clarified. Milestones defined. Rapporteur: Don->Meredith. (JMM) |
| 12/03/1998 | meredith | Work now intended to to finish end April 98 rather than end December 98. |
| 13/05/1998 | meredith | Completion postponed till Sept 98 (was Apr 98) to allow revision of macros. |
| 13/07/1998 | meredith | Final progress report from JMM plus v1.1.2 of DEG/MTS-00039-2 provided to MTS & Secretariat. |
| 05/10/1998 | meredith | Deliverable and report supplied to MTS mtg as TDs 31, 32, 33. |

| ETSI WORK PROGRAM (EWP) | | Work Item Reference: | DTR/MTS-00040 | |
|----------------------------------|---|-----------------------------|-------------------------------------|--------------------------|
| Deliverable | ETR 304 | Edition: | 1 | |
| Creation date: | 06/11/1995 | Lead Body: | | |
| Standstill: | | Cover date: | 30/12/1996 | |
| Technical body in charge: | MTS | | Rapporteur: | Brusasco, Giulio |
| PT: | | | Tel: | +39 011 228 6945 |
| Title: | Methods for Testing and Specification (MTS); | | Fax: | +39 011 228 6909 |
| | The future in ETSI of quality of standards-making, validation and testing | | E-mail: | giulio.brusasco@cselt.it |
| | | | Technical editor: | Meredith, John |
| | | | Database record last update: | 25/02/1997 |

Scope and field of application:

Stimulated by HLTF recommendation 31, this ETR sets out an analysis by objective, of the different validation and testing activities possible for ETSI and suggests recommendations for the implementation of the different activities.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|--------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 19/10/1995 | | 19/10/1995 | 19/10/1995 | |
| 0 a | TB adoption of WI | | 19/10/1995 | | 19/10/1995 | 19/10/1995 | |
| 0 b | TA adoption of WI | | | | | 16/04/1996 | |
| 1 | Start of work | | 10/08/1995 | | 10/08/1995 | 10/08/1995 | |
| 2 | Table of Contents and Scope | | 10/08/1995 | | 10/08/1995 | 10/08/1995 | |
| 6 | First complete draft | | 10/08/1995 | | 10/08/1995 | 10/08/1995 | |
| 8 | TB approval | | 30/06/1996 | 30/06/1996 | 30/06/1996 | 27/06/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/07/1996 | 30/07/1996 | 30/07/1996 | 26/08/1996 | |
| 8 WA | Waiting - see "secretariat comments" | | | | | 10/09/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 10/10/1996 | 23/09/1996 | |
| 12 | Publication | PU | 27/08/1996 | 23/09/1996 | 10/12/1996 | 23/12/1996 | |

Keywords

QUALITY
METHODOLOGY
TESTING
VALIDATION

Projects**Mandates****Secretariat Comments**

| | |
|------------|---|
| 26/02/1996 | WI created from MTS#19. (PA) |
| 26/02/1996 | From MTS#20 schedule changed (STC app. falls back 3 months), following dates change accordingly. (PA) |
| 28/06/1996 | TC approved at jun-96 (Brussels) mtg. |
| 26/08/1996 | SC received from Rapporteur (C. Don) not in ETSI style sheet. |
| 10/09/1996 | Document is so non-standard (style sheet not used, style names wrong, layout bizarre) that ECS cannot accept it. Rejected for rework by TC. (JMM) |
| 23/09/1996 | New "clean" version received, document to be processed (CdE) |
| 02/12/1996 | Ready for tech editing. (JMM) |
| 03/12/1996 | Send for QAE. (JMM) |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00042

Deliverable TCRTR 052 **Edition:** 1 **Rapporteur:** Brusasco, Giulio
Creation date: 17/01/1996 **Lead Body:** **Tel:** +39 011 228 6945 **Fax:** +39 011 228 6909
Standstill: **Cover date:** 31/01/1997 **E-mail:** giulio.brusasco@cselt.it
Technical body in charge: MTS **Technical editor:** Meredith, John
PT: **Database record last update:** 25/02/1997

Title: Methods for Testing and Specification (MTS);
 Conformance testing specification;
 Quality review tables [ETR 267 (1996)]

Scope and field of application:

Endorsement of ETR 267

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|--------------------------------------|--------|----------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 17/01/1996 | |
| 0 a | TB adoption of WI | | | 21/02/1996 | 21/02/1996 | 21/02/1996 | |
| 1 | Start of work | | | | | 17/01/1996 | |
| 2 | Table of Contents and Scope | | | | | 17/01/1996 | |
| 6 | First complete draft | | | | | 17/01/1996 | |
| 8 | TB approval | | | | 21/02/1996 | 21/02/1996 | |
| 8 A | Draft receipt by ETSI Secretariat | | | 21/03/1996 | 21/07/1996 | 05/09/1996 | |
| 8 AC | Start of 2 month consultation period | | | 16/09/1996 | 16/09/1996 | 16/09/1996 | |
| 8 AD | End of 2 month consultation period | | | 15/11/1996 | 15/11/1996 | 15/11/1996 | |
| 8 AE | TB re-approval | | | 13/12/1996 | 13/12/1996 | 09/01/1997 | |
| 9 E | Draft receipt by ETSI Secretariat | | | 10/01/1997 | 06/02/1997 | 09/01/1997 | |
| 12 | Publication | PU | | 07/02/1997 | 06/02/1997 | 24/01/1997 | |

Keywords

METHODOLOGY
 QUALITY
 TESTING

Projects**Mandates****Secretariat Comments**

17/01/1996 WI created at request of MTS chairman to be endorsement of ETR 267. (PA)
 26/02/1996 WI approved at MTS#20. (PA)
 14/06/1996 No record of this thing having been received yet. Thys 8A target 03/96->07/96. (JMM)
 22/08/1996 In fact, Secretariat can do all that s required. ETSI no. awarded. Asked CdE to prepare standard endorsement document. (JMM)
 06/09/1996 Schedule advanced a little because underlying ETR is already published. (JMM)
 10/09/1996 Signed off for consultation period. (JMM)
 12/12/1996 E-mail to TC Chair to see if any comments received - if none , OK to publish? (JMM)
 22/01/1997 Chairman confirmed OK to publish on 9-jan. (JMM)
 23/01/1997 Signed off for publication, after minor tweek. (JMM)

| | | |
|--|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00045 |
| Deliverable TR 101 101 | Edition: | Rapporteur: Rayner, Dave |
| Creation date: 17/10/1996 | Lead Body: | Tel: +44 1819 437 040 Fax: +44 1819 777 091 |
| Standstill: | Cover date: 30/08/1997 | E-mail: dave.rayner@npl.co.uk |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: | | Database record last update: 28/08/1997 |
| Title: Methods for Testing and Specification (MTS); | | |
| TTCN interim version including ASN.1 1994 support [ISO/IEC 9646-3] (Second Edition Mock-up for JTC1/SC21 Review) | | |

Scope and field of application:

To give the enhancements to TTCN over and above ISO 9646, edition 1, to support the 1994 version of ASN.1, concurrency etc.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|----------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | 17/10/1996 | |
| 0 a | TB adoption of WI | | | | | 17/10/1996 | |
| 1 | Start of work | | | | | 17/10/1996 | |
| 2 | Table of Contents and Scope | | | 30/11/1996 | 30/11/1996 | | |
| 6 | First complete draft | | | 30/12/1996 | 30/12/1996 | 15/03/1997 | |
| 8 | TB approval | | | 31/03/1997 | 31/03/1997 | 13/03/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | | 28/04/1997 | 10/04/1997 | 29/07/1997 | |
| 12 | Publication | PU | | 26/05/1997 | 26/08/1997 | 28/08/1997 | 1.1.1 |

Keywords

TTCN
ASN.1

Projects**Mandates****Reference documents and work**

ISO 9646

Secretariat Comments

| | |
|------------|---|
| 17/10/1996 | Record created following discussions at MTS meeting. Recognised that this version is urgently needed, since various other TCs are making use of it. |
| 30/12/1996 | Change of Deliverable Type, from ETR. (KF) |
| 13/03/1997 | Draft in principle approved by MTS. The version is to be updated to version 9.5 with comments from the MTS meeting. Draft expected by end March 1997. |
| 02/04/1997 | Chairman decided to change back to TR status. Contact to ISO/EIC seems necessary. Draft not yet received for DR. |
| 02/06/1997 | Draft version 9.6 dated 28 April 1997 available. No response from ISO/EIC CS. KSB asked first time 28 April.(PRS) |
| 29/07/1997 | Green light from ISO after several attempts. |
| 14/08/1997 | (LBF) sc received for processing |

| | | |
|---|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | REG/MTS-00046 |
| Deliverable EG 201 058 | Edition: | Rapporteur: Meredith, John |
| Creation date: 12/12/1996 | Lead Body: ETSI | Tel: +33 4 92 94 42 37 Fax: +33 4 92 94 43 42 |
| Standstill: | Cover date: 30/04/1998 | E-mail: john.meredith@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: | | Database record last update: 24/04/1998 |
| Title: Methods for Testing and Specification (MTS); Implementation Conformance Statement (ICS) proforma style guide | | |

Scope and field of application:

Revision of ETR 212 ed 1. Inclusion of forgotten "i" (irrelevant status) and revision of copyright notice to be associated with ICS proforma template.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|---------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | 12/12/1996 | | 12/12/1996 | |
| 0 a | TB adoption of WI | | 31/03/1997 | 31/03/1997 | 31/03/1997 | 31/03/1997 | |
| 0 b | TA adoption of WI | | 31/03/1997 | 18/04/1997 | 31/03/1997 | 18/04/1997 | |
| 1 | Start of work | | | 01/12/1996 | | 01/12/1996 | |
| 2 | Table of Contents and Scope | | | 01/12/1996 | | 01/12/1996 | |
| 6 | First complete draft | | | 01/12/1996 | | 01/12/1996 | |
| 8 | TB approval | | 29/03/1997 | 13/03/1997 | 29/03/1997 | 13/03/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | 26/04/1997 | 05/05/1997 | 10/04/1997 | 05/05/1997 | |
| 10 FM | Start of Membership Vote | MV 9815 | 24/05/1997 | 10/02/1998 | 10/02/1998 | 10/02/1998 | 1.2.2 |
| 10 GM | End of Vote | | 26/07/1997 | 10/04/1998 | 10/04/1998 | 10/04/1998 | |
| 11 | Vote result determination (adopted) | | 09/08/1997 | 09/01/1998 | 09/01/1998 | 10/04/1998 | |
| 12 | Publication | PU | 23/08/1997 | 09/02/1998 | 09/02/1998 | 24/04/1998 | 1.2.3 |

Keywords

ICS
PICS
METHODOLOGY

Projects**Mandates****Reference documents and work**

ETR 212 ed 1

Secretariat Comments

| | |
|------------|--|
| 12/12/1996 | Record created in response to proposal to revise ETR 212 (on which this new thing is to be based). Starting p is version recei |
| 13/03/1997 | Revised ETR 212 approved. To be published as en EG. JMM in charge (PRS) |
| 05/05/1997 | Rapporteur: Don->Meredith. Now (at last) ready to start converting style of this document from ETR to EG. S for ETSI number allocation and registration. (JMM) |
| 05/05/1997 | C received (AL). |
| 13/05/1997 | First wave of editing done. Decided to eliminate embedded document as too confusing and not useful for rapporteurs of ICS items. Returned to KCn for checking. (JMM) |
| 26/05/1997 | Doc has gone to CdE then to MW instead. Original MV postponed since it s running a little late! (JMM) |
| 02/06/1997 | MW top make the final verison. Planned for MV 9735. (PRS) |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00047

| | | |
|--|-------------------------------|---|
| Deliverable TR 101 114 | Edition: | Rapporteur: Brusasco, Giulio |
| Creation date: 13/02/1997 | Lead Body: ETSI | Tel: +39 011 228 6945 Fax: +39 011 228 6909 |
| Standstill: | Cover date: 30/11/1997 | E-mail: giulio.brusasco@cselt.it |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: 96 | | Database record last update: 07/08/1998 |
| Title: Methods for Testing and Specification (MTS); | | |
| Analysis of the use of ASN.1 94 with TTCN and SDL in ETSI deliverables | | |

Scope and field of application:

Influence and co-operate with EWOS (who opened recently a WI on the subject) in studying whether and how the features of ASN.1 '94 apply to the specification of future telecommunications standards. This applies to both the base and the testing specifications.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-----------------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | | | | | |
| 0 a | TB adoption of WI | | 30/03/1997 | 30/03/1997 | 30/03/1997 | 30/03/1997 | |
| 0 b | TA adoption of WI | | | | | 18/04/1997 | 1.1.1 |
| 1 | Start of work | | 30/03/1997 | 30/03/1997 | 30/03/1997 | | |
| 6 | First complete draft | | | | 30/10/1997 | | |
| 7 | WG approval | | | | | | |
| 8 | TB approval | | 29/01/1998 | 29/01/1998 | 22/10/1997 | 22/10/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | 26/02/1998 | 26/02/1998 | 22/10/1997 | 22/10/1997 | |
| 12 | Publication | | | | | | |
| | | PU | 26/03/1998 | 26/03/1998 | 22/11/1997 | 26/11/1997 | 1.1.1 |

Keywords

ASN.1
SDL
TTCN

Projects

Mandates

Remarks

The work should be split into two phases. This is phase 1. For phase 2 see DEG/MTS-00048

Secretariat Comments

| | | |
|------------|-----------|--|
| 13/03/1997 | | Support expressed from Telefonica, Ericsson, Nokia, France Telecom, Nortel, Verilog and Italtel. |
| 19/11/1997 | rasmussen | WI title adjusted to be in line with the deliverable itself. |

| | | |
|---|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00048 |
| Deliverable TR 101 295 | Edition: | Rapporteur: Wiles, Anthony |
| Creation date: 14/02/1997 | Lead Body: ETSI | Tel: +33 4 92 94 43 87 Fax: +33 4 93 65 38 51 |
| Standstill: | Cover date: 15/09/1998 | E-mail: anthony.wiles@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 96 | | Database record last update: 09/09/1998 |
| Title: Methods for Testing and Specification (MTS) | | |
| Rules for the transportation of ASN.1 definitions using X.681, X.682 and X.683 to equivalent X.680 constructs | | |

Scope and field of application:

The work should be split into two phases. This is phase 2 for document ing the impact and propose technical solutions on the use of ASN.1 '94

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | | |
| 0 a | TB adoption of WI | | 30/03/1997 | 30/03/1997 | 30/03/1997 | 30/03/1997 | |
| 0 b | TA adoption of WI | | | 18/04/1997 | | 18/04/1997 | 1.1.1 |
| 1 | Start of work | | 30/03/1997 | 30/03/1997 | 30/03/1997 | | |
| 2 | Table of Contents and Scope | | 30/06/1997 | 30/06/1997 | 30/06/1997 | | |
| 7 | WG approval | | | | | | |
| 8 | TB approval | | 30/03/1998 | 26/03/1998 | 30/03/1998 | 26/03/1998 | |
| 8 A | Draft receipt by ETSI Secretariat | | 27/04/1998 | 01/06/1998 | 23/04/1998 | 01/06/1998 | |
| 12 | Publication | PU | 24/08/1998 | 29/06/1998 | 29/06/1998 | 09/09/1998 | 1.1.1 |

Keywords

ASN.1
SDL
TTCN

Projects**Mandates****Secretariat Comments**

| | | |
|------------|-------|--|
| 13/03/1997 | | Support expressed from Telefonica, Ericsson, Nokia, France Telecom, Nortel, Veriloga and Italtel.(PRS) |
| 13/03/1997 | | Although the output was changed from TR to EG, a "TR-version" must be sent to the Commission as a result of the mandated work. |
| 26/03/1998 | craik | DEG for the EC will suffice. |
| 03/07/1998 | vreck | WI type changed from EG to TR following discussion with Dieter Hogrefe (Chairman) and Antony Willes (Pl |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00049

| | | |
|--------------------------------------|-------------------------------|---|
| Deliverable TR 101 081 | Edition: | Rapporteur: Randall, Steve |
| Creation date: 14/02/1997 | Lead Body: | Tel: +44 1291 626 180 Fax: +44 1291 626 190 |
| Standstill: | Cover date: 30/06/1997 | E-mail: steve@pqm-cons.demon.co.uk |
| Technical body in charge: MTS | | Technical editor: Rasmussen, Poul |
| PT: 97 | | Database record last update: 07/08/1998 |

Title: Methods for Testing and Specification (MTS);
 Strategy for the use of formal SDL for descriptive purposes in ETSI products

Scope and field of application:

provide a simple illustration of the process-related aspects of a standardised system.
 Describe a consistent approach to be taken by all rapporteurs.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | | |
| 0 a | TB adoption of WI | | 30/03/1997 | 30/03/1997 | 30/03/1997 | 30/03/1997 | |
| 0 b | TA adoption of WI | | | | | 18/04/1997 | |
| 1 | Start of work | | 30/03/1997 | 30/03/1997 | 30/03/1997 | 30/03/1997 | |
| 2 | Table of Contents and Scope | | 30/06/1997 | 30/06/1997 | 30/06/1997 | 30/03/1997 | |
| 6 | First complete draft | | 30/03/1998 | 30/03/1998 | 30/03/1998 | 30/04/1997 | |
| 7 | WG approval | | | | | 18/06/1997 | |
| 8 | TB approval | | 30/10/1998 | 30/10/1998 | 30/10/1998 | 18/06/1997 | |
| 8 A | Draft receipt by ETSI Secretariat | | 27/11/1998 | 27/11/1998 | 27/11/1998 | 19/06/1997 | |
| 12 | Publication | PU | | | 17/07/1997 | 24/06/1997 | 1.1.1 |

Keywords

METHODOLOGY
 SDL
 PROTOCOL

Projects

Mandates

Reference documents and work

EG 201 015

Secretariat Comments

| | |
|------------|--|
| 13/03/1997 | Support expressed from Telefonica, Ericsson, Nokia, France Telecom, Nortel, Veriloga and Italtel.(PRS) |
| 13/03/1997 | Although the output was changed from TR to EG, a "TR-version" must be sent to the Commission as a result of the mandated work. |
| 11/04/1997 | Delivery type changed back to TR (PRS) |
| 19/06/1997 | SC received (LBF) |

| | | |
|--|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DEG/MTS-00050 |
| Deliverable EG | Edition: | Rapporteur: Randall, Steve |
| Creation date: 14/02/1997 | Lead Body: | Tel: +44 1291 626 180 Fax: +44 1291 626 190 |
| Standstill: | Cover date: | E-mail: steve@pqm-cons.demon.co.uk |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 132 | | Database record last update: 06/10/1998 |
| Title: Guidelines for the use of formal SDL as a descriptive tool | | |

Scope and field of application:

Provide a short handbook based on an agreed strategy and identifying the options available to the Technical Body with their respective advantages.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | | |
| 0 a | TB adoption of WI | | 30/03/1997 | 17/07/1998 | 17/07/1998 | 17/07/1998 | |
| 0 b | TA adoption of WI | | | 18/04/1997 | | 18/04/1997 | 1.1.1 |
| 1 | Start of work | | 30/03/1997 | 17/07/1998 | 17/07/1998 | 30/03/1997 | |
| 2 | Table of Contents and Scope | | 30/06/1997 | 30/10/1998 | 30/10/1998 | 30/06/1997 | |
| 6 | First complete draft | | 30/03/1998 | 15/03/1999 | 15/03/1999 | 30/03/1998 | |
| 8 | TB approval | | 30/10/1998 | 09/07/1999 | 09/07/1999 | | |
| 8 A | Draft receipt by ETSI Secretariat | | 27/11/1998 | 06/08/1999 | 06/08/1999 | | |
| 10 FM | Start of Membership Vote | MV | 25/12/1998 | 03/09/1999 | 03/09/1999 | | |
| 10 GM | End of Vote | | 26/02/1999 | 02/11/1999 | 02/11/1999 | | |
| 11 | Vote result determination (adopted) | | 12/03/1999 | 16/11/1999 | 16/11/1999 | | |
| 12 | Publication | PU | 26/03/1999 | 30/11/1999 | 30/11/1999 | | |

Keywords**Projects****Mandates****Secretariat Comments**

| | | |
|------------|-----------|--|
| 13/03/1997 | | Support expressed from Telefonica, Ericsson, Nokia, France Telecom, Nortel, Verilog and Italtel.(PRS) |
| 13/03/1997 | | Although the output was changed from TR to EG, a "TR-version" must be sent to the Commission as a result of the mandated work. |
| 04/08/1997 | | The MTS June meeting 1997 adjusted the timing in relation to establishment of an STF to follow up on the STF 97 work. It might be a continuation of STF97. |
| 30/10/1997 | craik | Work to be performed by STF FE under the 1998 FWP. Direct contract etsi/97/p-28 to be co-funded by EC out of 4th quarter EC allocation. |
| 18/11/1997 | rasmussen | Title changed from "informal SDL" to "formal SDL". S. Randall informs that this was agreed already in October 1996. |
| 03/04/1998 | reid | MTS 26 agreed to change date for status 6 +3 months and status 8 + 7 months |
| 01/07/1998 | schmidth | STF 97 -> STF FE. |

| | | |
|--|-----------------------------|--|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DES/MTS-00051 |
| Deliverable ES | Edition: | Rapporteur: Maggiore, Giulio |
| Creation date: 20/03/1997 | Lead Body: | Tel: +39 011 228 69 10 Fax: +39 011 228 7003 |
| Standstill: | Cover date: | E-mail: Giulio.Maggiore@cselt.it |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: | | Database record last update: 03/04/1998 |
| Title: Methods for Testing and Specification (MTS); Test synchronization architectural reference Test synchronization protocol 1plus (TSP1+) specification | | |

Scope and field of application:

To create a standard interface between pilot and testers in an open testing environment. A field of application could be the class of offering a standard interface to test instruments during interconnection test for Open Network Provisioning (end-to-end and node-to-node tests).

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|----------|--------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | 13/03/1997 | 13/03/1997 | |
| 0 a | TB adoption of WI | | | | 13/03/1997 | 13/03/1997 | |
| 1 | Start of work | | | | 15/04/1997 | | |
| 6 | First complete draft | | | | 15/03/1998 | 26/03/1998 | |
| 8 | TB approval | | | | 22/10/1998 | | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 19/11/1998 | | |
| 9 B | Start of Public Enquiry and Vote | OP | | | 17/12/1998 | | |
| 10 G | End of Public Enquiry and Vote | | | | 16/04/1999 | | |
| 11 | Vote result determination (adopted) | | | | 30/04/1999 | | |
| 12 | Publication | PU | | | 21/05/1999 | | |

Keywords

TSP1
NIT
ONP

Projects**Mandates****Reference documents and work**

ETR 303

Secretariat Comments

03/04/1998 reid MTS 26 agreed to move status 8 date to that of MTS 27 (Oct 1998). Error in title corrected (TSP1+ --> TSP1).

| | | |
|---|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | MI/MTS-00052 |
| Deliverable MI | Edition: | Rapporteur: Randall, Steve |
| Creation date: 26/06/1997 | Lead Body: | Tel: +44 1291 626 180 Fax: +44 1291 626 190 |
| Standstill: | Cover date: | E-mail: steve@pqm-cons.demon.co.uk |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 132 | | Database record last update: 06/10/1998 |
| Title: Validation and promotion of the guidelines resulting from DEG/MTS-00050 | | |

Scope and field of application:

Validation and promotion of the guidelines resulting from DEG/MTS-00050 by initiating and monitoring a small number of experiments with rapporteurs actively writing protocol standards and using SDL.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------|--------|----------|------------|-------------------|------------|---------|
| 0 | Creation of WI by (S)TC | | | 18/06/1997 | 18/06/1997 | 18/06/1997 | |
| 0 a | TC adoption of WI | | | 18/06/1997 | 18/06/1997 | 18/06/1997 | |
| 0 b | TA adoption of WI | | | 31/07/1997 | 31/07/1997 | 31/07/1997 | |
| 1 | Start of work | | | 30/11/1997 | 02/07/1998 | 01/09/1998 | |
| 2 | Milestone 1 | | | | | | |
| 5 S | Milestone 2 | | | | | | |
| 12 | Completion | | | 31/12/1998 | 09/04/1999 | | |

Keywords**Projects****Mandates****Secretariat Comments**

| Date | Name | Comments |
|------------|-----------|---|
| 29/10/1997 | rasmussen | WI agreed by MTS june 1997. (PRS) |
| 30/10/1997 | craik | At MTS 25 rapporteur changed from Brusasco to Randall |
| 03/04/1998 | reid | To be performed by STF FE under 1998 FWP. Direct contract to be etsi/97/p-28. |
| 01/07/1998 | schmidh | MTS 26 agreed to defer start of work - consequent change to completion date. STF 97 -> STF FE. |

| | | |
|--------------------------------|-----------------------------|---------------|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DEG/MTS-00053 |
|--------------------------------|-----------------------------|---------------|

| | | |
|--------------------------------------|-------------------------------|---|
| Deliverable EG 201 383 | Edition: | Rapporteur: Randall, Steve |
| Creation date: 26/06/1997 | Lead Body: | Tel: +44 1291 626 180 Fax: +44 1291 626 190 |
| Standstill: | Cover date: 17/02/1999 | E-mail: steve@pqm-cons.demon.co.uk |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 110 | | Database record last update: 12/10/1998 |

Title: Methods for Testing and Specification (MTS);
Use of SDL in ETSI deliverables;
Guidelines for facilitating validation and the development of conformance tests

Scope and field of application:

To upgrade the contents of ETS 300 414 and to provide an EG to replace the ETS 300 414.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|---------|----------|--------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | 18/06/1997 | 18/06/1997 | |
| 0 a | TB adoption of WI | | | | 18/06/1997 | 18/06/1997 | |
| 1 | Start of work | | | | 08/09/1997 | 08/09/1997 | |
| 2 | Table of Contents and Scope | | | | 12/09/1997 | 12/09/1997 | |
| 6 | First complete draft | | | | 01/06/1998 | 10/07/1998 | |
| 7 A | Start of TB approval process | | | | 10/07/1998 | 10/07/1998 | |
| 7 B | End of TB approval process | | | | 07/08/1998 | 31/08/1998 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 07/09/1998 | 28/09/1998 | 0.2.1 |
| 10 FM | Start of Membership Vote | MV 9850 | | | 13/10/1998 | 13/10/1998 | 1.1.1 |
| 10 GM | End of Vote | | | | 11/12/1998 | 11/12/1998 | |
| 11 | Vote result determination (adopted) | | | | 25/12/1998 | 11/12/1998 | |
| 12 | Publication | PU | | | 25/12/1998 | 17/02/1999 | 1.1.1 |

Keywords

METHODOLOGY
SDL
TESTING

Projects**Mandates****Reference documents and work**

ETR 184, ETS 300 414, Z.100, Z.105 and Z.120

Secretariat Comments

Since publication of ETS 300 414, the SDL and MSC languages have been substantially upgraded by ITU-T.

27/08/1997 STF 110 established. Schedule adjusted (PRS)

28/10/1997 rasmussen MTS 25 changed title from maintenance of ETS 300 414. New rapporteur after GB is Steve Randall

03/04/1998 reid MTS 26 agreed to extend status 6 date by 3 months - other dates unchanged.

29/09/1998 kooistra SC received for MV

| | | |
|---|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00054 |
| Deliverable TR | Edition: | Rapporteur: Wiles, Anthony |
| Creation date: 05/08/1997 | Lead Body: | Tel: +33 4 92 94 43 87 Fax: +33 4 93 65 38 51 |
| Standstill: | Cover date: | E-mail: anthony.wiles@etsi.fr |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 121 | | Database record last update: 05/11/1998 |
| Title: A harmonized integration of ASN.1, TTCN and SDL | | |

Scope and field of application:

To provide a TR offering technical solutions for fully integrating ASN.1, TTCN and SDL in a format that should be readily acceptable by ITU-T and ISO as updates to Z.105, ISO/IEC 9646-3 (version 2) and the X.680 series of recommendations.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|----------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | | | 1.1.1 |
| 0 a | TB adoption of WI | | | | | | |
| 0 b | TA adoption of WI | | | 31/07/1997 | 31/07/1997 | 31/07/1997 | |
| 1 | Start of work | | | 31/01/1998 | 31/01/1998 | 31/01/1998 | |
| 2 | Table of Contents and Scope | | | 30/04/1998 | 30/04/1998 | 30/05/1998 | |
| 6 | First complete draft | | | 30/07/1998 | 30/07/1998 | 20/12/1998 | |
| 8 | TB approval | | | 31/10/1998 | 15/03/1999 | | |
| 8 A | Draft receipt by ETSI Secretariat | | | 28/11/1998 | 12/04/1999 | | |
| 12 | Publication | PU | | 26/12/1998 | 10/05/1999 | | |

Keywords

ASN.1
SDL
TTCN

Projects**Mandates****Reference documents and work**

Z.105 and ISO/IEC 9646-3

Secretariat Comments

| | | |
|------------|-------|---|
| 05/08/1997 | | It has been proposed that STF 96 continues with this WI. (PR |
| 30/10/1997 | craik | This to be performed by STF FD under 1998 FWP. Diercet Contract to be handled in 1997 (GC). |
| 04/02/1998 | reid | STF FD identified as STF concerned |
| 05/02/1998 | reid | WI scope corrected (missing text replaced) |
| 03/04/1998 | reid | "STF FD" changed to definitive STF 121. |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DEG/MTS-00055

| | | |
|---|-------------------------------|---|
| Deliverable EG 202 107 | Edition: | Rapporteur: Randall, Steve |
| Creation date: 11/09/1997 | Lead Body: | Tel: +44 1291 626 180 Fax: +44 1291 626 190 |
| Standstill: | Cover date: 02/03/1999 | E-mail: steve@pqm-cons.demon.co.uk |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 120 | | Database record last update: 26/02/1999 |
| Title: Methods for Testing and Specification (MTS); Planning for validation and testing in the standards-making process | | |

Scope and field of application:

The purpose of this ETSI Guide (EG), is to provide sufficient information and guidelines to enable the following when planning the development of an ETSI Standard (ES), Technical Specification (TS) or European Standard (EN):

- the identification of an appropriate method of validation of the standard;
- the identification of an appropriate type of test specification for products based on the standard.

In both cases, various criteria such as time-to-market and the level of confidence in the technology, are considered when determining what is appropriate for the standard in question. In addition, this EG gives guidance on the cost, effort and schedule requirements to implement the selected approach. This EG does not elaborate any methods for validation and testing. It provides references to other documents and information sources. ETR 184, ETR 304 and TCR-TR 006 (Edition 2) contain useful additional background material.

The guidelines set out in this EG are, necessarily, based on the prevailing policies, methods and techniques for validating standards and specifying test suites.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-------------------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | | 11/09/1997 | | 11/09/1997 | |
| 0 a | TB adoption of WI | | | 11/09/1997 | 18/06/1997 | 11/09/1997 | |
| 0 b | TA adoption of WI | | | 31/07/1997 | 31/07/1997 | 31/07/1997 | |
| 1 | Start of work | | | 09/03/1998 | 09/03/1998 | 09/03/1998 | |
| 2 | Table of Contents and Scope | | | 30/06/1998 | 30/06/1998 | 30/06/1998 | |
| 6 | First complete draft | | | 01/10/1998 | 01/10/1998 | 01/10/1998 | |
| 7 A | Start of TB approval process | | | | 01/10/1998 | 26/11/1998 | 1.0.0 |
| 7 B | End of TB approval process | | | | 18/12/1998 | 18/12/1998 | |
| 8 | TB approval | | | | 25/12/1998 | 18/12/1998 | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 25/12/1998 | 22/12/1998 | |
| 10 FM | Start of Membership Vote | MV 9918 | | | 02/03/1999 | 02/03/1999 | 1.1.1 |
| 10 GM | End of Membership Vote | | | | 30/04/1999 | | |
| 11 | Vote result determination (adopted) | | | | 30/04/1999 | | |
| 12 | Publication | PU | | | 07/05/1999 | | |

Keywords

METHODOLOGY
TESTING
VALIDATION
SDL
TTCN

Projects

Mandates

Reference documents and work

ETR 304TCR-TR 0006 Edition 2

Secretariat Comments

| | | |
|------------|----------|---|
| 11/09/1997 | | WI created after OCG3 (PRS) |
| 27/04/1998 | schmidh | MTS meeting#26 it was decided to change DTR/MTS-00055 into a DEG. |
| 25/08/1998 | schmidh | According instructions from Alberto Berrini DEG/MTS-00055 is under the responsibility of STF 118. |
| 24/02/1999 | kooistra | SC received for MV |

| | | |
|---|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | REG/MTS-00056 |
| Deliverable EG 202 103 | Edition: | Rapporteur: Hogrefe, Dieter |
| Creation date: 27/01/1998 | Lead Body: | Tel: +49 45 15 00 37 20 Fax: +49 45 15 00 37 22 |
| Standstill: | Cover date: 23/02/1999 | E-mail: hogrefe@itm.mu-luebeck.de |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 118 | | Database record last update: 12/02/1999 |
| Title: Methods for Testing and Specification (MTS); Guide for the use of the second edition of TTCN | | |

Scope and field of application:

To produce a guide which presents the options available for the use of TTCN. This will identify the advantages and disadvantages of particular approaches so that an informed decision can be made by any TB/WG embarking on the development of a new testing standard.

The guide will also give advice on the use of TTCN for performance and real-time testing.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|---------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 07/10/1997 | 07/10/1997 | | 07/10/1997 | |
| 0 a | TB adoption of WI | | 23/10/1997 | 23/10/1997 | | 23/10/1997 | |
| 1 | Start of work | | 22/01/1998 | 22/01/1998 | | 22/01/1998 | |
| 2 | Table of Contents and Scope | | | | | 30/03/1998 | |
| 6 | First complete draft | | | | 30/06/1998 | 30/04/1998 | |
| 8 | TB approval | | 20/10/1998 | 20/10/1998 | 20/10/1998 | 20/10/1998 | |
| 8 A | Draft receipt by ETSI Secretariat | | 17/11/1998 | 17/11/1998 | 17/11/1998 | 12/02/1999 | |
| 10 FM | Start of Membership Vote | MV 9917 | 15/12/1998 | 15/12/1998 | 23/02/1999 | 23/02/1999 | 1.1.1 |
| 10 GM | End of Vote | | 13/02/1999 | 13/02/1999 | 23/04/1999 | | |
| 11 | Vote result determination (adopted) | | 27/02/1999 | 27/02/1999 | 07/05/1999 | | |
| 12 | Publication | PU | 13/03/1999 | 13/03/1999 | 21/05/1999 | | |

Keywords

TTCN
TESTING
PERFORMANCE

Projects**Mandates****Secretariat Comments**

| | | |
|------------|----------|---|
| 27/01/1998 | reid | Record created. |
| 03/04/1998 | reid | Dates for status 2 and status 6 added at MTS26. |
| 12/02/1999 | kooistra | SC received for MV |

| | | |
|--|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DES/MTS-00058 |
| Deliverable ES | Edition: | Rapporteur: Michailat, François |
| Creation date: 06/04/1998 | Lead Body: | Tel: +33 2 96 04 72 54 Fax: +33 2 96 04 82 85 |
| Standstill: | Cover date: | E-mail: |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: | | Database record last update: 06/04/1998 |
| Title: Methods for Testing and Specification (MTS); Conformance requirements for SDL tools used by ETSI; | | |

Scope and field of application:

Provide a conformance test specification to determine conformance of SDL tools in terms of semantic and syntactic compliance with ITU-T Z.100 and Z.105. The test suite will within ETSI tools be used as a basis for recommendation of tools for the processing of ETSI deliverables. The test suite may also be used by ETSI members when procuring SDL tools for internal use, thus assuring that SDL models produced by ETSI can be used internally. The test suite will be developed in close cooperation with the major SDL tool providers.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 25/03/1998 | 25/03/1998 | 25/03/1998 | 25/03/1998 | |
| 0 a | TB adoption of WI | | 25/03/1998 | 25/03/1998 | 25/03/1998 | 25/03/1998 | |
| 1 | Start of work | | 25/03/1998 | 25/03/1998 | 25/03/1998 | | |
| 2 | Table of Contents and Scope | | 30/06/1998 | 30/06/1998 | 30/06/1998 | | |
| 6 | First complete draft | | | | | | |
| 8 | TB approval | | | | | | |
| 8 A | Draft receipt by ETSI Secretariat | | | | | | |
| 10 FM | Start of Membership Vote | MV | | | | | |
| 10 GM | End of Membership Vote | | | | | | |
| 11 | Vote result determination (adopted) | | | | | | |
| 12 | Publication | PU | | | | | |

Keywords**Projects****Mandates****Secretariat Comments**

06/04/1998 schmidh The present WI was created at MTS#26.

ETSI WORK PROGRAM (EWP) **Work Item Reference:** MI/MTS-00059

| | | |
|--|--------------------|---|
| Deliverable MI | Edition: | Rapporteur: Randall, Steve |
| Creation date: 06/04/1998 | Lead Body: | Tel: +44 1291 626 180 Fax: +44 1291 626 190 |
| Standstill: | Cover date: | E-mail: steve@pqm-cons.demon.co.uk |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: | | Database record last update: 06/04/1998 |
| Title: Methods for Testing and Specification (MTS); A guide to development and use of SDL in telecommunication standards | | |

Scope and field of application:

The purpose of this book is to provide rapporteurs with a single, easy-to-read point of reference for the use of SDL within ETSI deliverables. It is derived from EGs, ETSs and TRs that already exist and cover:

- development of complete SDL models;
- development of descriptive SDL;
- validation of SDL

This book is neither an SDL tutorial nor a language primer and is intended for use primarily within the communications standards environment.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | 25/03/1998 | 25/03/1998 | 25/03/1998 | 25/03/1998 | |
| 1 | Start of work | | 25/03/1998 | 25/03/1998 | 25/03/1998 | | |
| 5 S | <to be defined> | | | | | | |
| 5 S | <to be defined> | | | | | | |
| 12 | Completion | | | | | | |

Keywords

Projects

Mandates

Secretariat Comments

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|--------------------------|--|
| 06/04/1998 schmidth | The deliverable from this work item is intended to be a bound book rather than a formal deliverable. It should complement the MTS book, "Making Better Standards". |
|--------------------------|--|

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|--|-----------------------------|--|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DES/MTS-00060 |
| Deliverable ES | Edition: | Rapporteur: Maggiore, Giulio |
| Creation date: 06/04/1998 | Lead Body: | Tel: +39 011 228 69 10 Fax: +39 011 228 7003 |
| Standstill: | Cover date: | E-mail: Giulio.Maggiore@cselt.it |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: | | Database record last update: 07/04/1998 |
| Title: Interchange format for ICS | | |

Scope and field of application:

To produce a reference specification that will enable the interchange of Implementation Conformance Statement (ICS) written according to ETR 212 among different tools managing ICS.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | | | 25/03/1998 | 25/03/1998 | |
| 0 a | TB adoption of WI | | | | 25/03/1998 | 25/03/1998 | |
| 1 | Start of work | | 25/03/1998 | 25/03/1998 | 25/03/1998 | | |
| 2 | Table of Contents and Scope | | | | | | |
| 6 | First complete draft | | 15/06/1998 | 15/06/1998 | 15/06/1998 | | |
| 8 | TB approval | | 20/10/1998 | 20/10/1998 | 20/10/1998 | | |
| 8 A | Draft receipt by ETSI Secretariat | | 17/11/1998 | 17/11/1998 | 17/11/1998 | | |
| 10 FM | Start of Membership Vote | MV | 15/12/1998 | 15/12/1998 | 15/12/1998 | | |
| 10 GM | End of Membership Vote | | 13/02/1999 | 13/02/1999 | 13/02/1999 | | |
| 11 | Vote result determination (adopted) | | 13/02/1999 | 13/02/1999 | 13/02/1999 | | |
| 12 | Publication | PU | 27/02/1999 | 27/02/1999 | 27/02/1999 | | |

Keywords**Projects****Mandates**

| | | |
|---|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-00061 |
| Deliverable TR | Edition: | Rapporteur: Hogrefe, Dieter |
| Creation date: 24/03/1998 | Lead Body: | Tel: +49 45 15 00 37 20 Fax: +49 45 15 00 37 22 |
| Standstill: | Cover date: | E-mail: hogrefe@itm.mu-luebeck.de |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 133 | | Database record last update: 07/10/1998 |
| Title: Edition of TTCN Edition 2++ | | |

Scope and field of application:

Maintenance, resolution and implementation of known TTCN defects. Identification and implementation of additional features in TTCN as requested by ETSI members. Extension of TTCN to cover other applications as identified in by STF118.

Supporting members Nokia, IITB, Ericsson, Telelogic, Nortel.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 24/03/1998 | 24/03/1998 | 23/03/1998 | 24/03/1998 | |
| 0 a | TB adoption of WI | | 24/03/1998 | 24/03/1998 | 24/03/1998 | 24/03/1998 | |
| 1 | Start of work | | 24/03/1998 | 24/03/1998 | 24/03/1998 | 16/10/1998 | |
| 2 | Table of Contents and Scope | | 30/09/1998 | 30/09/1998 | 30/09/1998 | | |
| 6 | First complete draft | | 31/12/1998 | 31/12/1998 | 31/12/1998 | | |
| 7 | WG approval | | 31/03/1999 | 31/03/1999 | 31/03/1999 | | |
| 8 | TB approval | | 31/03/1999 | 31/03/1999 | 31/03/1999 | | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/04/1999 | 28/04/1999 | 28/04/1999 | | |
| 12 | Publication | PU | 26/05/1999 | 26/05/1999 | 26/05/1999 | | |

Keywords

TTCN
MTS
TESTING

Projects**Mandates****Secretariat Comments**

| | | |
|------------|----------|--|
| 02/06/1998 | vreck | Supporting members Nokia, IITB, Ericsson, Telelogic, Nortel. |
| 25/08/1998 | schmidth | According to instructions from Alberto Berrini DTR/MTS-00061 moved from STF118 -> STF FR (due to sta: October 1998). |

| | | |
|--|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DEG/MTS-00062 |
| Deliverable EG | Edition: | Rapporteur: Ahtiainen, Ari |
| Creation date: 20/05/1998 | Lead Body: | Tel: +358 9 43766426 Fax: +358 9 43766858 |
| Standstill: | Cover date: | E-mail: ari.ahtiainen@research.nokia.com |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 141 | | Database record last update: 18/01/1999 |
| Title: Methods for Testing and Specification (MTS) | | |
| Methodological approach to the use of object-oriented design in the standards making process | | |

Scope and field of application:

Supporting Companies: PQM Consultants, GB - Nokia Corporation, FI - Telelogic AB, SE - Verilog, FR

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 02/06/1998 | 02/06/1998 | 20/05/1998 | 02/06/1998 | |
| 0 a | TB adoption of WI | | 02/06/1998 | 02/06/1998 | 02/06/1998 | 21/10/1998 | |
| 1 | Start of work | | 02/06/1998 | 02/06/1998 | 04/01/1999 | | |
| 2 | Table of Contents and Scope | | | | 01/02/1999 | | |
| 6 | First complete draft | | | | 30/03/1999 | | |
| 8 | TB approval | | | | 30/03/1999 | | |
| 8 A | Draft receipt by ETSI Secretariat | | | | 27/04/1999 | | |
| 10 FM | Start of Membership Vote | MV | | | 25/05/1999 | | |
| 10 GM | End of Membership Vote | | | | 24/07/1999 | | |
| 11 | Vote result determination (adopted) | | | | 24/07/1999 | | |
| 12 | Publication | PU | | | 07/08/1999 | | |

KeywordsMSC
SDL
METHODOLOGY**Projects****Mandates****Secretariat Comments**

02/06/1998 schmidth Supporting Companies: PQM Consultants, GB - Nokia Corporation, FI - Telelogic AB, SE - Verilog, FR

| | | |
|--------------------------------------|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DES/MTS-00063 |
| Deliverable ES | Edition: | Rapporteur: Hogrefe, Dieter |
| Creation date: 05/06/1998 | Lead Body: | Tel: +49 45 15 00 37 20 Fax: +49 45 15 00 37 22 |
| Standstill: | Cover date: | E-mail: hogrefe@itm.mu-luebeck.de |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 133 | | Database record last update: 07/10/1998 |
| Title: TTCN Edition 3 | | |

Scope and field of application:

To produce version 3 of TTCN language, based on the result of the Phase 1 (DTR/MTS-00061).

Extension of TTCN to cover other applications as identified in by STF118.

This will require close cooperation with ITU-T SG10, and by the end, the intention is to submit the output to ITU to become a recommendation.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 05/06/1998 | 05/06/1998 | 05/06/1998 | 05/06/1998 | |
| 0 a | TB adoption of WI | | 05/06/1998 | 05/06/1998 | 05/06/1998 | 05/06/1998 | |
| 1 | Start of work | | 05/06/1998 | 05/06/1998 | 05/06/1998 | | |
| 2 | Table of Contents and Scope | | 15/02/1999 | 15/02/1999 | 15/02/1999 | | |
| 6 | First complete draft | | 30/09/1999 | 30/09/1999 | 30/09/1999 | | |
| 7 | WG approval | | 31/10/1999 | 31/10/1999 | 31/10/1999 | | |
| 8 | TB approval | | 31/10/1999 | 31/10/1999 | 31/10/1999 | | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/11/1999 | 28/11/1999 | 28/11/1999 | | |
| 10 FM | Start of Membership Vote | MV | 26/12/1999 | 26/12/1999 | 26/12/1999 | | |
| 10 GM | End of Membership Vote | | 24/02/2000 | 24/02/2000 | 24/02/2000 | | |
| 11 | Vote result determination (adopted) | | 24/02/2000 | 24/02/2000 | 24/02/2000 | | |
| 12 | Publication | PU | 09/03/2000 | 09/03/2000 | 09/03/2000 | | |

Keywords

MTS
TTCN
TESTING

Projects**Mandates****Secretariat Comments**

| | | |
|------------|----------|---|
| 05/06/1998 | vreck | Supporting members Nokia, IITB, Ericsson, Telelogic, Nortel. |
| 25/08/1998 | schmidth | Instructions according to Alberto Berrini DES/MTS-00063 is now under the responsibility of STF FR |

| | | |
|---|-----------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | MI/MTS-00064 |
| Deliverable MI | Edition: | Rapporteur: Randall, Steve |
| Creation date: 23/07/1998 | Lead Body: | Tel: +44 1291 626 180 Fax: +44 1291 626 190 |
| Standstill: | Cover date: | E-mail: steve@pqm-cons.demon.co.uk |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 120 | | Database record last update: 10/12/1998 |
| Title: Slide Presentation on Validation and Test Development Activities into the Standards-Writing Process | | |

Scope and field of application:

The purpose of this slide presentation is to provide information to TBs on the options available for validating their standards and developing test specifications for them. It also addresses the costs involved and the benefits that can be derived. The presentation will be given by members of the PEX group to any TB expressing an interest in it.

Supporting members: PQM Consultants

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|------------------------------|--------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 20/10/1997 | 20/10/1997 | | 20/10/1997 | |
| 1 | Start of work | | 20/07/1998 | 20/07/1998 | 20/07/1998 | 20/07/1998 | |
| 7 A | Start of TB approval process | | | | 01/10/1998 | 26/11/1998 | |
| 7 B | End of TB approval process | | | | 18/12/1998 | 18/12/1998 | |
| 12 | Completion | | 02/10/1998 | 02/10/1998 | 02/10/1998 | 18/12/1998 | |

Keywords**Projects****Mandates****Secretariat Comments**

| | | |
|------------|----------|--|
| 23/07/1998 | schmidth | Supporting members: PQM Consultants |
| 24/07/1998 | schmidth | Supporting members: Same as for DEG/MTS-00055. |

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00065

| | | |
|--------------------------------------|--------------------|---|
| Deliverable TR | Edition: | Rapporteur: Ahtiainen, Ari |
| Creation date: 05/11/1998 | Lead Body: | Tel: +358 9 43766426 Fax: +358 9 43766858 |
| Standstill: | Cover date: | E-mail: ari.ahtiainen@research.nokia.com |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 141 | | Database record last update: 18/01/1999 |

Title: Methods for Testing and Specification (MTS);
Methodological approach to the use of object-oriented design within standards making process;
Initial Study

Scope and field of application:

An assessment of the feasibility of using object-oriented design methodologies in association with MSC and SDL in the development of standards for services and protocols.

ETSI supporting members: PQM Consultants GB, Nokia Corporation, FI, Telelogic AB, SE and Verilog, FR.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-----------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | 20/05/1998 | 20/05/1998 | 20/05/1998 | 20/05/1998 | |
| 0 a | TB adoption of WI | | 10/06/1998 | 10/06/1998 | 10/06/1998 | 10/06/1998 | |
| 1 | Start of work | | 04/01/1999 | 04/01/1999 | 04/01/1999 | | |
| 2 | Table of Contents and Scope | | 01/02/1999 | 01/02/1999 | 01/02/1999 | | |
| 6 | First complete draft | | 30/03/1999 | 30/03/1999 | 30/03/1999 | | |
| 8 | TB approval | | 01/05/1999 | 01/05/1999 | 01/05/1999 | | |
| 12 | Publication | PU | 09/11/1999 | 15/05/1999 | 15/05/1999 | | |

Keywords**Projects****Mandates****Secretariat Comments**

05/11/1998 schmidth ETSI supporting members: PQM Consultants GB, Nokia Corporation, FI, Telelogic AB, SE and Verilog, FI

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-00066

| | | |
|--------------------------------------|--------------------|---|
| Deliverable TR | Edition: | Rapporteur: Ahtiainen, Ari |
| Creation date: 05/11/1998 | Lead Body: | Tel: +358 9 43766426 Fax: +358 9 43766858 |
| Standstill: | Cover date: | E-mail: ari.ahtiainen@research.nokia.com |
| Technical body in charge: MTS | | Technical editor: Vreck, Laurent |
| PT: 141 | | Database record last update: 18/01/1999 |

Title: Methods for Testing and Specification (MTS);

Methodological approach to the use of object-oriented design within standards making process;

Report on experimentation projects

Scope and field of application:

A review of the results of the experimentation projects carried out to validate the guidelines developed for the use of OO methods and UML in the standardisation process.

Supporting ETSI members: PQM Consultants GB, Nokia Corporation, FI, Telelogic AB, SE and Verilog, FR.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|---------------|-----------------------------------|---------------|-----------------|---------------|-------------------|-----------------|----------------|
| 0 | Creation of WI by WG/TB | | 20/05/1998 | 20/05/1998 | 20/05/1998 | 20/05/1998 | |
| 0 a | TB adoption of WI | | 10/06/1998 | 10/06/1998 | 10/06/1998 | 10/06/1998 | |
| 1 | Start of work | | 01/10/1999 | 01/10/1999 | 01/10/1999 | | |
| 2 | Table of Contents and Scope | | 01/11/1999 | 01/11/1999 | 01/11/1999 | | |
| 6 | First complete draft | | 01/08/2000 | 01/08/2000 | 01/08/2000 | | |
| 8 | TB approval | | 25/10/2000 | 25/10/2000 | 25/10/2000 | | |
| 8 A | Draft receipt by ETSI Secretariat | | 08/11/2000 | 08/11/2000 | 08/11/2000 | | |
| 12 | Publication | PU | 05/04/2001 | 05/04/2001 | 22/11/2000 | | |

Keywords**Projects****Mandates****Secretariat Comments**

05/11/1998

schmidth

Supporting ETSI members: PQM Consultants GB, Nokia Corporation, FI, Telelogic AB, SE and Verilog, F

ETSI WORK PROGRAM (EWP) **Work Item Reference:** REG/MTS-00067

Deliverable EG 202 108 **Edition:** **Rapporteur:** Randall, Steve
Creation date: 19/11/1998 **Lead Body:** **Tel:** +44 1291 626 180 **Fax:** +44 1291 626 190
Standstill: **Cover date:** **E-mail:** steve@pqm-cons.demon.co.uk
Technical body in charge: MTS **Technical editor:** Vreck, Laurent
PT: **Database record last update:** 04/03/1999

Title: Methods for Testing and Specification (MTS);
 Specification of protocols and services;
 Validation methodology for standards using Specification and Description Language (SDL); Handbook

Scope and field of application:

Since the Validation Handbook was originally published in 1997, further studies into the use of Computer Aided test Generation (CATG) have been completed and there is a consequent need to revise Annex A which deals with this subject.
 Supporting ETSI Members: PQM Consultants, IITB, Nokia Research and Ericsson.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------------------------------|---------|------------|------------|-------------------|------------|---------|
| 0 | Creation of WI by WG/TB | | 04/11/1998 | 04/11/1998 | 04/11/1998 | 04/11/1998 | |
| 0 a | TB adoption of WI | | 21/10/1998 | 21/10/1998 | 21/10/1998 | 21/10/1998 | |
| 1 | Start of work | | 02/11/1998 | 02/11/1998 | 02/11/1998 | | |
| 2 | Table of Contents and Scope | | 02/11/1998 | 02/11/1998 | 02/11/1998 | | |
| 6 | First complete draft | | 26/11/1998 | 26/11/1998 | 26/11/1998 | | |
| 8 | TB approval | | 18/12/1998 | 18/12/1998 | 18/12/1998 | 18/12/1998 | |
| 8 A | Draft receipt by ETSI Secretariat | | 08/01/1999 | 08/01/1999 | 08/01/1999 | 01/03/1999 | |
| 10 FM | Start of Membership Vote | MV 9920 | 26/01/1999 | 26/01/1999 | 16/03/1999 | | 1.2.1 |
| 10 GM | End of Membership Vote | | 23/03/1999 | 23/03/1999 | 14/05/1999 | | |
| 11 | Vote result determination (adopted) | | 23/03/1999 | 23/03/1999 | 14/05/1999 | | |
| 12 | Publication | PU | 30/03/1999 | 30/03/1999 | 21/05/1999 | | |

Keywords**Projects****Mandates****Secretariat Comments**

19/11/1998 schmidth Supporting ETSI Members: PQM Consultants, IITB, Nokia Research and Ericsson.
 19/11/1998 schmidth This work item is a revision of EG 201 015 version 1.1.1.
 01/03/1999 kooistra Sc received for MV

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-01005

Deliverable ETR 071 **Edition:** 1 **Rapporteur:** Walter, Thomas
Creation date: 27/04/1991 **Lead Body:** ETSI **Tel:** +41 1 632 7007 **Fax:** +41 1 632 1035
Standstill: **Cover date:** 04/06/1993 **E-mail:**
Technical body in charge: MTS 1 **Technical editor:** Craik, Gavin
PT: 31 **Database record last update:** 25/02/1997

Title: Methods for Testing and Specification (MTS);
 Semantic relationship between SDL and TTCN;
 A common semantics representation

Scope and field of application:
 Ensuring correct mapping between the TTCN and SDL notations. Secifying
 a CSR for SDL:1992 & TTCN (ISO/IEC 9646-3).

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|--------|-------------------|------------|---------|
| 1 | Start of work | | | | | 27/04/1991 | |
| 2 | Table of Contents and Scope | | | | | 27/04/1991 | |
| 6 | First complete draft | | | | | 31/12/1991 | |
| 7 | WG approval | | 30/09/1991 | | 30/09/1991 | 08/12/1992 | |
| 8 | TB approval | | 31/10/1991 | | 30/06/1992 | 11/12/1992 | |
| 8 A | Draft receipt by ETSI Secretariat | | 28/11/1991 | | 12/01/1993 | 05/02/1993 | |
| 12 | Publication | PU | 26/12/1991 | | 11/06/1993 | 10/06/1993 | |

Keywords **Projects** **Mandates**
 SDL
 TESTING
 TTCN

Remarks
 1: Includes evaluation of possible approaches (i.e. common semanticsvs. direct mapping)

Reference documents and work
 CCITT Z100, ISO 9646 part 3

Secretariat Comments
 27/08/1991 TC ap date -> 6/92.
 05/01/1993 Hard copy received, numbered ATM1-22. Text indicates
 it is an ETR instead of ETS. Approved at ATM1 & ATM in Dec 92.
 SMD provided extensive support to PT31 to edit the DTR, all along
 the duration of the project (many maths symbols). [Text of this
 comment provided by TC chairman.]
 08/02/1993 Tech Ed reports that he has all required to process
 for publication.
 29/03/1993 Technical Editor expects publication May-93.
 04/06/1993 Ready for publication. Old standstill date (15-Nov-90)
 removed (hangover from when this item was an ETS).

| ETSI WORK PROGRAM (EWP) | | Work Item Reference: | DTR/MTS-01007-4 | |
|----------------------------------|--|----------------------|-----------------|---|
| Deliverable | TCRTR 017 | Edition: | 1 | Rapporteur: Don, Christian |
| Creation date: | 07/01/1993 | Lead Body: | ETSI | Tel: +33 4 93 84 31 76 Fax: +33 4 93 84 31 76 |
| Standstill: | | Cover date: | 23/11/1993 | E-mail: don@etsi.fr |
| Technical body in charge: | MTS 1 | | | Technical editor: Pope, Maurice |
| PT: | 38 | | | Database record last update: 02/05/1994 |
| Title: | Methods for Testing and Specification (MTS); Technical Basis for Regulation (TBR) specification methodology | | | |

Scope and field of application:

Definition of common ETSI methodology encapsulating the development of TBRs, coordination with CEC Directive... and methodology for test specifications in ETSI.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|--------|-------------------|------------|---------|
| 1 | Start of work | | | | | 30/06/1992 | |
| 6 | First complete draft | | 09/02/1993 | | 09/02/1993 | 30/03/1993 | |
| 7 | WG approval | | 31/03/1993 | | 31/03/1993 | 01/07/1993 | |
| 8 | TB approval | | 31/03/1993 | | 30/06/1993 | 02/07/1993 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/04/1993 | | 31/07/1993 | 17/08/1993 | |
| 8 AA | TCC approval | | 30/04/1993 | | 31/07/1993 | 03/09/1993 | |
| 12 | Publication | PU | 28/05/1993 | | 31/10/1993 | 30/11/1993 | |

Keywords

METHODOLOGY
TESTING

Projects**Mandates****Remarks**

Document separated from DTR/ATM-1007.

Secretariat Comments

21/01/1993

Record created. Since item is presented as entirely new, it does not inherit original target dates from original 1007.

05/03/1993

TC target 03/93 -> 06/93.

19/04/1993

Deliverable: TCTR -> TCRTR, according to TC Chairman.

17/08/1993

Soft and hard copy received + Chairman s authorisation.

22/11/1993

MP): Update of history - this TCRTR was Approved by TA 18 and subsequently updated by MTS chairman (mainly editorially) and passed back to MP for publication.

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-01008

Deliverable ETR 092 **Edition:** 1 **Rapporteur:** Trigila, Sebastiano
Creation date: 30/06/1990 **Lead Body:** ETSI **Tel:** +39 06 54 80 33 40 **Fax:** +39 06 54 80 44 05
Standstill: **Cover date:** 22/07/1993 **E-mail:**
Technical body in charge: MTS 1 **Technical editor:** Rose, Graham
PT: **Database record last update:** 25/08/1993
Title: Broadband Integrated Services Digital Network (B-ISDN);
 Framework for conformance testing of lower layers in B-ISDN

Scope and field of application:

To focus on specific extensions to protocol testing methodology posed by application environments of high speed digital transmission, such as IBC, MAN s, ATM, Multimedia terminals

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|--------|-------------------|------------|---------|
| 1 | Start of work | | | | | 14/09/1990 | |
| 6 | First complete draft | | | | | 30/09/1992 | |
| 7 | WG approval | | 31/03/1992 | | 30/06/1992 | 31/12/1992 | |
| 8 | TB approval | | 30/04/1992 | | 31/01/1993 | 12/03/1993 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/05/1992 | | 31/03/1993 | 30/04/1993 | |
| 12 | Publication | PU | 28/06/1992 | | 28/05/1993 | 20/07/1993 | |

Keywords

B-ISDN
 BROADBAND
 ISDN
 LOWER LAYER
 TESTING

Projects

Mandates

Reference documents and work

Deliverables from RACE projects

Secretariat Comments

21/02/1992 STC ap put back 3 months, TC ap 2 months, so now are both 06/92.

07/01/1993 Title changed from "requirements on methodology from conformance testing of lower layers in advance digital networks". STC approval reported (6 months behind schedule), TC target 07/92 -> 01/93, allowing 1 month for circulation within TC following last TC meeting (Dec-92).

30/04/1993 Hard & soft copies received, but no indication of TC approval; however, covering letter from rapporteur seems to indicate that TC approval has been granted.

| | | | | |
|----------------------------------|---|-------------------------------------|-------------------|-------------------------------|
| ETSI WORK PROGRAM (EWP) | | Work Item Reference: | DTR/MTS-002002-C1 | |
| Deliverable | ETR 094/C1 | Edition: | 1 | |
| Creation date: | 09/02/1996 | Lead Body: | ETSI | |
| Standstill: | | Cover date: | 15/03/1994 | |
| Technical body in charge: | MTS 2 | Rapporteur: | Pope, Maurice | |
| PT: | 24 | Tel: | +33 4 92 94 42 59 | Fax: +33 4 92 94 43 42 |
| Title: | Methods for Testing and Specification (MTS); Guide for the implementation of ISO/IEC 9646 Conformance Assessment Process (CAP) | | E-mail: | maurice.pope@etsi.fr |
| | | Technical editor: | Pope, Maurice | |
| | | Database record last update: | 04/03/1996 | |

Scope and field of application:

Corrigendum to correct "Bon de Commande" in Foreword.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-------------|--------|----------|--------|--------|------------|---------|
| 12 | Publication | PU | | | | 15/03/1994 | |

Keywords

CAP
METHODOLOGY
TESTING

Projects

Mandates

T-019-SI

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-02002

Deliverable ETR 094 **Edition:** 1 **Rapporteur:** Simonet, Serge
Creation date: 30/06/1990 **Lead Body:** ETSI **Tel:** +32 2 645 7991 **Fax:** +32 2 646 0879
Standstill: **Cover date:** 29/11/1993 **E-mail:**
Technical body in charge: MTS 2 **Technical editor:** Pope, Maurice
PT: 24 **Database record last update:** 15/04/1994

Title: Methods for Testing and Specification (MTS);
Guide for the implementation of ISO/IEC 9646 Conformance Assessment Process (CAP)

Scope and field of application:

To investigate the feasibility of establishing European Standards for an open implementation of ISO 9646 in test tools & test environment.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|--------|-------------------|------------|---------|
| 1 | Start of work | | | | | 30/06/1992 | |
| 6 | First complete draft | | | | | 29/03/1993 | |
| 7 | WG approval | | 30/09/1991 | | 30/06/1993 | 01/07/1993 | |
| 8 | TB approval | | 30/10/1991 | | 31/10/1993 | 09/11/1993 | |
| 8 A | Draft receipt by ETSI Secretariat | | 27/11/1991 | | 31/12/1993 | 22/11/1993 | |
| 12 | Publication | PU | 25/12/1991 | | 20/12/1993 | 06/12/1993 | |

Keywords

CAP
METHODODOLOGY
TESTING

Projects

Mandates
T-019-SI

Remarks

PT 017 on the EWOS side.Joint EWOS/ETSI deliverable.EWOS version (ETG) created in March 1994.

Reference documents and work

International work (e.g. COS/ SPAG/ POSI Forum progress on OPEN-ITS)EWOS/ETSI PT005 Report

Secretariat Comments

10/09/1991 Target date depends on establishment of mandated PT for EWOS/ETSI.
21/02/1991 Scope statement changed. STC target date 09/91 -> 03/93, TC date 01/92 -> 04/93.
7/01/93: PT ref added. STC target 03/93 -> 06/93; TC target 04/93 -> 10/93; Receipt by Sec t target 05/93 -> 12/93.
27/07/1993 Hard and soft copy + Chairman s authorisation received.
18/10/1993 Errors have been identified in the SDL diagrams. TC chairman has requested item to be held (i.e. TC approval withdrawn) pending solution.
22/11/1993 Final changes received form Rapporteur.
29/03/1994 C1, corrigendum published, dated March 1994.

| ETSI WORK PROGRAM (EWP) | | Work Item Reference: | DTR/MTS-02003-1 | |
|----------------------------------|--|-------------------------------------|--|-----------------------------|
| Deliverable | ETR 130 | Edition: | 1 | |
| Creation date: | 30/06/1990 | Lead Body: | ETSI | |
| Standstill: | | Cover date: | 15/04/1994 | |
| Technical body in charge: | MTS 2 | Rapporteur: | van den Berghe, Françoise | |
| PT: | | Tel: | +32 3 887 28 91 | Fax: +32 3 887 28 91 |
| Title: | Methods for Testing and Specification (MTS); Interoperability and conformance testing A classification scheme | E-mail: | c=be;a=rtt;o=eva;s=vandenberghes;g=francoise | |
| | | Technical editor: | Pope, Maurice | |
| | | Database record last update: | 02/05/1994 | |

Scope and field of application:

Provide a description of the terms used in the field of interoperability between open systems, and fit them into an overall model; describe different classifications and qualifications for interoperability.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|--------|-------------------|------------|---------|
| 7 | WG approval | | 31/03/1992 | | 31/03/1992 | 31/12/1992 | |
| 8 | TB approval | | 30/04/1992 | | 02/07/1992 | 31/12/1992 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/05/1992 | | 31/01/1993 | 10/03/1994 | |
| 12 | Publication | PU | 28/06/1992 | | 07/04/1994 | 29/04/1994 | |

Keywords

INTERWORKING
TAXONOMY
TESTING

Projects**Mandates****Remarks**

Joint with EWOS EGTC; editor S Dooley. EWOS version is published as ETG 028.

Reference documents and work

RACE R1087 (PROVE) Contributions and Deliverables

Secretariat Comments

21/01/1993 Record created. Derived from DTR/ATM-2003, whence original target dates.

05/03/1993 Scope added.

22/07/1993 Authorisation received

10/03/1994 Soft copy of ETG 028 received (CdE)

| | | |
|--|-------------------------------|---|
| ETSI WORK PROGRAM (EWP) | Work Item Reference: | DTR/MTS-02003-2 |
| Deliverable TCTR 001 | Edition: 1 | Rapporteur: van den Berghe, Françoise |
| Creation date: 30/06/1990 | Lead Body: ETSI | Tel: +32 3 887 28 91 Fax: +32 3 887 28 91 |
| Standstill: | Cover date: 15/07/1993 | E-mail: c=be;a=rtt;o=eva;s=vandenberghes;g=francoise |
| Technical body in charge: MTS 2 | | Technical editor: Rose, Graham |
| PT: | | Database record last update: 02/05/1994 |
| Title: Methods for Testing and Specification (MTS); A staged approach to Interoperability Goals and Criteria | | |

Scope and field of application:

Provide a first insight in the problem of creating a well defined relation between the conformance testing process and the final objective of any testing, i.e. interoperability

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|--------|-------------------|------------|---------|
| 1 | Start of work | | | | | 04/09/1990 | |
| 6 | First complete draft | | | | | 29/03/1992 | |
| 7 | WG approval | | 31/03/1992 | | 31/03/1992 | 10/12/1992 | |
| 8 | TB approval | | 30/04/1992 | | 10/03/1993 | 10/03/1993 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/05/1992 | | 10/04/1993 | 24/05/1993 | |
| 1 | Start of work | | | | | 04/09/1990 | |
| 6 | First complete draft | | | | | 29/03/1992 | |
| 7 | WG approval | | 31/03/1992 | | 31/03/1992 | 10/12/1992 | |
| 8 | TB approval | | 30/04/1992 | | 10/03/1993 | 10/03/1993 | |
| 8 A | Draft receipt by ETSI Secretariat | | 31/05/1992 | | 10/04/1993 | 24/05/1993 | |
| 12 | Publication | PU | 28/06/1992 | | 21/06/1993 | 21/07/1993 | |

Keywords

TESTING

Projects**Mandates****Remarks**

editor Roger Delit

Reference documents and work

RACE R1087 (PROVE) Contributions and Deliverables

Secretariat Comments

21/01/1993

Record created. Derived from DTR/ATM-2003, whence original target dates.

05/03/1993

Title: "foals & critics" -> "goals & criteria".

ETSI WORK PROGRAM (EWP) **Work Item Reference:** DTR/MTS-02004

Deliverable TCTR 002 **Edition:** 1 **Rapporteur:** van den Berghe, Françoise
Creation date: 20/08/1991 **Lead Body:** ETSI **Tel:** +32 3 887 28 91 **Fax:** +32 3 887 28 91
Standstill: **Cover date:** 22/12/1993 **E-mail:** c=be;a=rtt;o=eva;s=vandenberghes;g=françoise
Technical body in charge: MTS 2 **Technical editor:** Pope, Maurice
PT: **Database record last update:** 02/05/1994

Title: Methods for Testing and Specification (MTS);
 Conformance classification scheme (A guide to semantics and recommended syntax for Protocol Implementation Conformance Statements (PICS))

Scope and field of application:

Guide to semantics & recommended syntax for PICS proforma, IPRL & other ICS proformas for end-systems protocols & protocol profiles.

| Status | Phase | Action | Original | Review | Target | Achieved | Version |
|--------|-----------------------------------|--------|------------|------------|-------------------|------------|---------|
| 7 | WG approval | | | 31/12/1991 | 31/12/1991 | | |
| 8 | TB approval | | 31/10/1991 | | 31/12/1991 | 29/06/1992 | |
| 8 A | Draft receipt by ETSI Secretariat | | 30/11/1991 | | 31/01/1992 | 09/11/1993 | |
| 12 | Publication | PU | 28/12/1991 | | 07/12/1993 | 22/12/1993 | |

| | | |
|-----------------|-----------------|-----------------|
| Keywords | Projects | Mandates |
| TAXONOMY | | IT-01-SI |
| TESTING | | |

Remarks

Joint EWOS/ETSI deliverable

Reference documents and work

EWOS/ETSI PT 005 report=> ATM(91)69

Secretariat Comments

27/08/1991 Item notified (number, title, TC date only) in letter from Corsi to Chauvel 20/08/91.

21/02/1992 Scope statement added, rapporteur named; STC & TC targets put back to end 91 (already missed!).

29/06/1992 ATM chairman states: approved jointly by EWOS EG CT & ETSI ATM. Publication to be agreed by EWOS & ETSI Secretariat.

07/01/1993 Item published by EWOS Dec-91, and will not be published by ETSI; remains as permanent doc ATM(91)69. Therefore, work item stopped.
 5/03/93: Item restarted, idea being to publish it as a TCTR (rather than original ETR). But no new target dates offered.

30/11/1993 MTS chairman has stated that no softcopy is available and that the document should go ahead using the hard copy only. This is in fact allowable under the rules for TC-TRs. Hard copy received go-ahead received on 09/11/93.