



# STF 522: TD-LTE Phase 4

## Status Report

# Document History

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- 2017-01-25: Document submitted for MTS#70

From the Terms of Reference...

# TDL Phase 4: Objectives

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- New Part 6 for mapping TDL to TTCN-3
- Adaptation and extension of MM addressing CRs
  - new test configuration features (clarifications needed)
  - related to the mapping to TTCN-3
- Adaptation and extension of GR, XF, TO
- New Part 5 to relocate the UML profile (currently annex to MM)
- Requirements for security and performance testing with TDL (TR)

# TDL Phase 4: Deliverables

<b>Deliv.</b>	<b>Work Item code Standard number</b>	<b>Working title Scope</b>
D1	RES/ES 203 119-1 V1.4.1	Test Description Language; Meta-Model and Semantics Scope: common concepts, meta-model, semantics
D2	RES/ES 203 119-2 V1.3.1	Test Description Language; Graphical Syntax Scope: TDL graphical concrete syntax for end users
D3	RES/ES 203 119-3 V1.3.1	Test Description Language; Exchange Format Scope: TDL exchange format for tool interoperability
D4	RES/ES 203 119-4 V1.3.1	Test Description Language; Structured Test Objective Specification Scope: TDL extension for structured test objectives
D5	DES/ES 203 119-5 V1.1.1	Test Description Language; UML profile for TDL Scope: TDL to UML meta-model mapping
D6	DES/ES 203 119-6 V1.1.1	Test Description Language; Mapping of TDL to TTCN-3 Scope: Mapping rules to automatically generate TTCN-3 test case skeletons from TDL test descriptions
D7	DTR/ MTS-1029504TDLSecPerfReq	TDL and its usage for security and performance testing; consolidated requirements (technical report)

Planning  
~~Status Update~~

# Task 0: Work Plan

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- Timescale: Jan, 2017 (+4 months) - Jan, 2017 (+1 month)
  - delays due to administrative overhead at respective organisations
  - final confirmation received on Dec 15, 2016
- Kick-off conference call on Jan 16, 2017
- 1 working session planned so far, further sessions as needed
  - WK7: Feb 14-17 Session 1 @ UG (4 days)
  - Work remotely, meet in person only if necessary
  - Coordinated remote sessions scheduled as needed, based on availability

**Wishful Thinking...**

# Task 0: Milestones (CfE)

<b>N</b>	<b>Task / Milestone / Deliverable</b>	<b>Target date</b>
M0	Start of work	01-Sep-2016
T0	Project management	01-Sept-2016–27-Sep-2017
T1	TDL-to-TTCN-3 mapping	01-Sept-2016–01-Sep-2017
T2	Advanced test configuration features	01-Sept-2016–28-Apr-2017
T3	Language maintenance	01-Sept-2016–28-Apr-2017
T4	Requirements for security and performance testing	01-Mar-2017–01-Sep-2017
M1	1 <sup>st</sup> drafts	16-Dec-2016
M2	2 <sup>nd</sup> drafts	28-Apr-2017
M3	3 <sup>rd</sup> drafts	28-Jul-2017
M4	4 <sup>th</sup> drafts	01-Sep-2017
M5	End of work	27-Sep-2017
M6	TB Approval	27-Sep-2017
M7	Publication	01-Dec-2017



**Wishful Thinking...**

# Task 0: Milestones (Prep Meeting)

<b>Mil</b>	<b>Description</b>	<b>Target achievement date</b>
M0	Start of work (target start date)	14/11/2016
M1	Informal reporting to MTS#70 of preliminary technical information for review	end Jan 2016
M2	Progress Report approved by MTS#71 (mid-May) and 1st draft of ES's for review. The draft documents must be uploaded on the MTS contributions area at least one week before the start of the meeting.	mid May /2017
M3	Progress Report approved by MTS#72 and 2nd draft of ES's for review. The draft documents must be uploaded on the MTS contributions area at least one week before the start of the meeting.	Sep-Oct/2017
M4	Final draft of ES's for MTS review.	Dec 2017
M5	Final Report and all deliverables required in the ToR approved by MTS#73 (Jan 2018). The draft documents must be uploaded on the MTS contributions area at least one week before the start of the meeting.	Jan 2018
M6	All deliverables required in the ToR accepted by the ETSI Secretariat for Membership Vote.	mid Feb 2018
M7	All deliverables required in the ToR accepted by the ETSI Secretariat for Publication	31/03/2018

# Task 0: Milestones (Current Planning)

<b>N</b>	<b>Task / Milestone / Deliverable</b>	<b>ToR Targets</b>	<b>Current Targets</b>
M0	Start of work	Sep-2016	Jan-2017
T0	Project management	Sep-2016–Sep-2017	Jan-2017–Jan-2018
T1	TDL-to-TTCN-3 mapping	Sep-2016–Sep-2017	Jan-2017–Jan-2018
T2	Advanced test configuration features	Sep-2016–Apr-2017	Jan-2017–Aug-2017
T3	Language maintenance	Sep-2016–Apr-2017	Jan-2017–Aug-2017
T4	Requirements for security and performance testing	Mar-2017–Sep-2017	Jun-2017–Dec-2017
M1	Informal report on planning	16-Dec-2016	Jan-2017
M2	1 <sup>st</sup> drafts	28-Apr-2017	May-2017
M3	2 <sup>nd</sup> drafts	28-Jul-2017	Sep-2017
M4	Final drafts for MTS review	01-Sep-2017	Dec-2017
M5	Final report, end of work, TB approval	27-Sep-2017	Jan-2018
M6	Membership vote	27-Sep-2017	Feb-2018
M7	Publication	01-Dec-2017	Apr-2018

# Task 0: Overall Timeline (CfE)

Task Milest.	Description	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
T0	Project management																
T1	TDL-to-TTCN-3 mapping																
T2	Advanced test configuration																
T3	Language maintenance																
T4	Requirements solicitation																
M0	Start of work																
M1	1 <sup>st</sup> drafts																
M2	2 <sup>nd</sup> drafts																
M3	3 <sup>rd</sup> drafts																
M4	4 <sup>th</sup> drafts																
M5	End of work																
M6	TB approval																
M7	Publication																

# Task 0: Overall Timeline (Current)

Task Milest.	Description	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A
T0	Project management																
T1	TDL-to-TTCN-3 mapping																
T2	Advanced test configuration																
T3	Language maintenance																
T4	Requirements solicitation																
M0	Start of work																
M1	Informal report on planning																
M2	1st drafts																
M3	2nd drafts																
M4	Final drafts for MTS review																
M5	Final report, TB approval																
M6	Membership vote																
M7	Publication																

# Task 1: Timeline

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- Timespan: Jan-Dec
  - Jan-Feb: discuss state of affairs, select mapping approach
  - Mar-Apr: identify CRs for TDL/TTCN-3, initial mapping proposals
  - May-Jun: ToC, stable mapping for directly mappable elements
  - Jun-Jul: identify semantic gaps
  - Jul-Sep: rules for semantic gaps, working draft ready
  - Sep-Dec: revision and refinement

# Task 2: Timeline

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- Timespan: Jan-Aug
  - Jan-Feb: clarification of requirements, conceptual solution
  - Mar-Apr: implementation and validation
  - May-Jun: revision and refinement

# Task 3: Timeline

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- Timespan: Jan-Aug
  - Jan-Feb: review of existing CRs, solicitation of new CRs
  - Mar-Apr: propose and discuss solutions
  - May-Jun: implementation and validation, deadline for new CRs
  - Jul-Aug: process urgent CRs, revision and refinement

# Task 4: Timeline

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- Timespan: Jun-Dec
  - Jun-Oct: collect requirements
  - Oct-Dec: prepare and discuss TR



# Any other business?

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