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| **Title\*:** | MTS#80 Draft Meeting Report |
|  | 12 May 2020 |
| from **Source**\*: | ETSI |
| Contact: | Emmanuelle Chaulot-Talmon  |
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| input for **Committee**\***:** | MTS |
|  |  |
| Contribution **For\*:** | Decision | **X** |  |
|  | Discussion |  |  |
|  | Information |  |  |
|  |  |
| Submission date**\***: | 2020-05-26 |
|  |  |
| Meeting & Allocation: | **MTS#81** |
|  |

# Opening

## Introduction & welcome, Local arrangements, IPR call

## Dirk Tepelmann welcome participants

IPR Call, Antitrust Statement was read as well as the Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in Standardization Activities.

**Call for IPRs** (clause 4.1 of the ETSI IPR Policy, Annex 6 of the Rules of Procedure):

“The attention of the members of this Technical Body is drawn to the fact that ETSI Members shall use reasonable endeavours to inform ETSI of Essential IPRs in a timely fashion. This covers the obligation to notify its own IPRs but also other companies’ IPRs.

The members take note that they are hereby invited:

-to investigate in their company whether their company does own IPRs which are, or are likely to become essential in respect of the work of the Technical Body,

-to notify to the Chairman or to the ETSI Director-General all potential IPRs that their company may own, by means of
 the [IPR Information Statement and the Licensing Declaration forms](http://www.etsi.org/legal/IPR-Forms) that they can obtain from the secretariat”

Members are encouraged to make general IPR undertakings/declarations that they will make licenses available for all their IPRs under FRAND terms and conditions related to a specific standardization area and then, as soon as feasible, provide (or refine) detailed disclosures.

***ANTITRUST:***

***"The attention of all participants to the meeting was drawn to the fact that ETSI activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen."***

***No IPR declare.***

**Statement Regarding Engagement with Companies Added to the U.S. Export Administration Regulations (EAR) Entity List in Standardization Activities**

**1. Published Information is Not Subject to EAR**

ETSI believes that non-controlled technology and software disclosed pursuant to its activities are generally not subject to the EAR, as such technology and software is “published” and made available to the public without restrictions on its further dissemination through distribution at ETSI meetings generally accessible to the interested public and through public dissemination on ETSI online platforms (i.e. unlimited distribution).

Under EAR section 734.7, unclassified “technology” or “software” is “published,” and is thus not subject to the EAR, when it has been made available to the public without restrictions upon its further dissemination, such as through unlimited distribution at a meeting generally accessible to the public or through public dissemination (i.e. unlimited distribution) in any form.

ETSI’s activity is the production of open standards, including European harmonised standards as one of the standards bodies recognized by the European Commission. Any legal entity having interest in ICT standardisation work can be member of ETSI

Contributions (including technology protected or not by patent) made by ETSI Members are accessible on a member server and are effectively considered as disseminated to the interested public without restriction through ETSI membership.

Information contained in ETSI contributions, documents, meeting minutes, and emails distributed at ETSI meetings, by ETSI email distribution lists, or on the ETSI online platform is made available to the interested public through ETSI membership without restrictions upon its further dissemination.

All work done by Members in the different working groups of ETSI and resulting in technical specifications and/or standards that are published, is publicly available and accessible for free without any kind of restrictions.

**2. Non-Public Information**

Non-public information refers to i) the information not contained or ii) not intended to be contained in ETSI contributions, documents, meeting minutes, or emails. Non-public information may be subject to US export controls.

**3. Other Information**

Certain controlled encryption “technology” or “software” may still be subject to US export controls, even if publicly available.

**4. Conduct of Meetings**

Until further notice, the situation should be considered as "business as usual" during all the meetings called by ETSI.

**5. Responsibility of Individual Members**

Contributions, meetings, exchanges, discussions, or any form of other communication in or outside the ETSI meetings are of the accountability, integrity, and the responsibility of each Member. In addition, Members remain responsible for ensuring that none of their technical contributions include controlled software or technology or other information that is subject to US and/or non-US export control regulations.

Individual Members with questions regarding the impact of laws and regulations on their participation in ETSI should contact their companies’ legal counsels.

***No IPR Declared.***

## Approval of agenda, allocation of contributions to Agenda Items [Tepelmann]

[**MTS(20)080003**](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2020/MTS%2820%29080003_MTS_80_Draft_Agenda.docx) Agenda is presented and approved.

## Review of Action point [Chaulot-Talmon]

Dirk Tepelmann reviewed the Action list.

|  |  |  |
| --- | --- | --- |
| **Action Number** | **Action**  | **Status** |
| **AP(79)001** | ECT and Axel Rennoch to prepare and send LS to ISG SAI | **Completed** |
| **AP(79)002** | ECT to send an email to MTS mailing list to call for new rapporteur. for 2 MTS TST WIs | **Completed** |
| **AP(79)003** | ECT to check if an agreement is established already with ISO JTC1 SC41 and communicate to MTS TST | **On going** |
| **AP(79)004** | Dirk Tepelmann organize a call with interested MTS delegates on TC INT AI in Test Systems and testing A models 10 or 11 February 2020 | **Completed** |
| **AP(79)005** | Jens Grabowski: Prepare the TTF ToR on TTCN-3 for 2021 for next MTS meetingAndreas and Philip to prepare the TTF ToR on TDL for 2021 for next MTS meeting | **On going** |
| **AP(79)006** | Ultan Mulligan to launch ASAP the MTS TTF 2020 | **Completed** |
| **AP (79)007** | Dirk Tepelmann to have a call with the ETSI event director with regards to UCAAT and provide feedback to TC MTS | **On going** |
| **AP (79)008** | Philip Makedonski to check if UCAAT could be organized in University of Goettingen Premises | **Completed** |
| **AP (79)009** | Andreas Ulrich to check if UCAAT could be organized in Siemens Premises | **Completed** |
| **AP (79)010** | STF 576 to propose a structure for rest.etsi.org at MTS#80 |  |
| **AP (79)011** | Philip Makedonski and ECT to prepare and distribute LS to several groups to inform them about REST | **Competed** |
| **AP (79)012** | Axel Rennoch and Dirk Tepelmann to check which material can be used to consolidate a presentation on TTCN-3 introduction, and estimate the resource needed to consolidate the presentation. This to be used for a webinar. | **On going** |
| **AP (79)013** | Following some feedback on the OO webinar, Axel Rennoch to discuss with the STF and come up with a revision taking into account comments made during the meeting | **Completed** |

## Presentation of incoming Liaisons & follow-up decisions

Topics: discussion of incoming liaisons (if any) and decision on potential responses & follow-up actions.

**No LS**

#  MTS TST WG

Axel Rennoch reported on the progress of the TST Working group.
Related Contribution: [MTS(20)080010](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2020/MTS%2820%29080010_MTS_TST_10_meeting_report.docx)

2 work items are candidate for stopping as no Rapporteurs could be found to continue the work.

DECISION:

MTS approved to stop the following WIs:

[DTS/MTS-TSTLoRaWAN (TS 103 598)](https://portal.etsi.org/webapp/WorkProgram/Report_WorkItem.asp?WKI_ID=54402)

[DTR/MTS-TSTSecTM (TR 103 599)](https://portal.etsi.org/webapp/WorkProgram/Report_WorkItem.asp?WKI_ID=54403)

TC MTS approved the change of Rapporteur and new schedule proposal
**AP MTS80\_01**: ECT to close the 2 WI, ECT to update ETSI Work Program for change of Rapporteur and schedule update.

# TTCN-3 deliverables transposed to ITU

Arnaud Taddei Chairman of ITU WG SG17 and ETSI member participated to the meeting representing ITU.

TTCN-3 originated in ISO (ITU T x series 292), then, the evolution of of the language was performed in ETSI.

At the beginning TTCN-3 series were published as full text by ETSI and ITU. Dieter Hogrefe was acting between the two editing team. In 2011 it was agreed to publish an ITU recommendation which refer to TTCN-3 on the A5 method.

Recently one ITU member state requested to go back to the ITU A.25 method (full text).

The second issue the TTCN-3 standard does not come as contribution to ITU, the formal perspective is that there is no formal document. This is a working method ITU issue, Arnaud Taddei will take care of it.

Arnaud Taddei will prepare a contribution to the next ITU meeting referring to the MoU between ETSI and ITU and proposing to continue with the A5 method, no reason for a change.

LS with TTCN 3 deliverables should be sent as always.

**AP 80\_02**: ECT to send all TTTCN-3 deliverables published in 2020 as LS.

# TC INT AI in Test Systems and testing A models

Related contribution: [MTS(20)079033r1](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2020/MTS%2820%29079033r1_Collaboration_with_TC_INT_on_Artificial_Intelligence_and_Tes.pptx)

# UPDATE on TTF

Ultan Mulligan provided an update on the TTF process.

The overall TTF budget will be presented to the ETSI Board in September. MTS should provide a confirmed overall budget for 2021 by early September.

Detailed ToR will be needed in2021 prior to launch each STFs.

**AP 80\_03:**  Andreas Ulrich and Philip Makedonski Prepare the ToR on TDL for 2021, Jens Grabowski: Prepare the ToR on TTCN-3 for 2021

# UCAAT

The organization of UCAAT 2020 could not start, due to several circumstances.
The call with the ETSI Eve director could not took place, she s now back and a call with Dirk will be soon organize.

Andreas Ulrich received positive answer from Siemens to host it in their premises in Munich. This could be requested for 2021.

Several MTS members would like to see a solution found with ETSI Eve and to close the issue of organization recurring every year.

Em CT explain that ETSI Eve could provide the same service that for other ETSI event such as workshop. But it will require a model change, as ETSI Event do not organize paying event. The details would need to be explain by the ETSI EVE director.

Ultan Mulligan mentioned that several ETSI event was turn into virtual event this year due to the Covid 19.

Dirk Tepelmann indicate he would like to discuss with the UCAAT SC prior to have a call with the ETSI eve director.

**AP 80\_04:** Dirk Tepelmann to have a call with the ETSI event director with regards to UCAAT and provide feedback to TC MTS

# Methodology for RESTful APIS specs and Testing

Related contributions:

Michele Carignani presented a report on the work progress of the STF 576.

MTS(20)080008: STF 576 - Status update and next steps

Background, milestone achievements, next steps

Proposed shift to publication milestone deadline to September (was July) due to requirement for review period of 60 days for EGs, this will also provide further opportunities for dissemination at ETSI

**AGREED**

The current situation limits dissemination possibilities beyond ETSI, still being evaluated

[rest.etsi.org](http://rest.etsi.org) portal for decision, way to access guide content in a web portal

PM: keeping the portal up to date beyond the EG? extensions possible but main content? (separate section)

* MC: different way of presenting same content, extension but no updates to main content, to be updated only with EG

DT: final draft before or after dissemination events?

* MC: final draft available at the end of June (Milestone C), postprocessing in parallel

DT: dissemination within the STF timeframe?

* MC: the selected events within extended STF timeframe, no impact on travel budget, only resources for execution

**DT: extension also recommended in order to capture feedback from dissemination as potential ideas for future activities**

DT: clarification regarding tooling - can existing MTS-related tools (TTCN-3, TDL) be used for REST APIs

* MC: can be used, recommendation to do so by the STF, also other established technologies for comparison (Robot, etc.), showcase how TDL can abstract away some details and allow different choices at the lower levels
* MK: issue raised also with TTCN-3 group to have progress with standardisation of REST-related features

DT: is the group following what is going on in the broader landscape of REST APIs?

* + - * MC: focusing on standardisation - ETSI, TM forum, others, reviewing other surveys

DT: outcome and feedback from LSs?

* + - * MC: feedback from NFV provided concrete improvement and clarification proposals, OSG OSM shared intention to provide further feedback
			* ECT: response from QKD this morning
			* AU: is test coverage a topic as well?
			* PM: different levels of coverage discussed based on OpenAPI provisions
			* AU: measuring coverage in terms of the OpenAPI specification, endpoints, paths, operations,

**AP80\_05: Andreas Ulrich will check if internal work at Siemens can be shared**

* + - * PM: much appreciated
			* **AP80\_06:** Michele Carignani: reactions to the draft, to be shared with Siemens after next week
			* GR: reminder that MTS is the place to discuss feedback and not offline
			* **GR: handling erroneous situations not covered sufficiently, shall be covered in a dedicated clause, would impact also testing in particular for positive and negative test case (emphasis on wrong content vs wrong sequence)**
			* PM: agreed, current content based largely on existing guidelines and many of them do not discuss that at length, the importance of this aspect should be emphasised and become part of the standard procedures for specification and testing
			* DECISION: TC MTS Approved MTS(20)080006: STF 576 - Progress Report - Milestone B
			* MTS(20)080007: Draft - DEG/MTS-203647 v0.0.2 (EG 203 647) (stable draft)
			* **minor updates to the draft to be finalised by May 15**

# TTCN-3 Maintenance and evolution

[MTS(20)000032](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2020/MTS%2820%29000032_Final_Report_STF_573.pdf) STF 573 final Report

Jens Grabowski presented the STF 573 STF final report.

The STF has delivered the following final drafts for TB approval of the revised ETSI standards in time:

Progress have been made on 53 CRS, the TTCN-3 Leaflet and TTCN-3 webpages have been updated.

Educational material for a webinar describing the effective usage of the TTCN-3 OO features, identified and implemented additional OO features have been developed, as well of the first version of a standard library for OO features.

The resolution of the following 6 CRs has been left open for the next TTCN-3 maintenance STF.

The STF573 webpage can be found on: <https://portal.etsi.org/STF/STFs/STFHomePages/STF573>.

DECISION: TC MTS Approved: STF 573 progress Final Report

Webinar: The material has been updated following the comments made during MTS#79, next step is to organize it with ETSI Com.

Invitation should be sent to: TC INT, STF160, ITS, 3GPP RAN5, ISG MEC, ONEM2M TST, SmartM2M MTS

Axel would like some comment on some slides such as OO.

Szilard suggested to have an online tool available to plug an play following the webinar.

**AP 80\_07:** Dirk Tepelmann and Philip Makedonski to review the webinar material and provide feedback by end of May

9 TDL and TOP Enhancement
Andreas Ulrich/Philip Makedonski TDL WG report, related contribution:  [MTS(20)079036](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2020/MTS%2820%29079036_MTS-TDL_3_Summary.pptx)

Road map has been the main topic of the TDL WG meeting, which will be the basis for and STF 2021 request.
AI possible impact on TDL was discussed and it seems too early to evaluate all impact and changes. Some delay with the ETSI platform. If it takes more time, the old platform will be used to make the result of the STF available until the new platform is available.

STF 577 Status Update  [MTS(20)080009](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2020/MTS%2820%29080009_STF_577_Status_Update.pdf)

STF Report is delayed due to administrative overhead.

The final drafts are uploaded n the Portal and will go on RC approval for a period of one week.

Milestone update due to UCAAT 2020 postponing / cancellation

* redirect contribution to 13th Workshop on System Testing and Validation co-located with 20th IEEE international conference on Software, Quality, Reliability and Security
* keep the milestone, shift focus, nature of the work remains the same / similar

the material preparation will be done in the same timeframe, publication is expected within the STF timeframe as well

* no need to postpone the milestone due to the workshop taking place in December as remote participation is also possible and the effort for the presentation itself is low compared to the effort for preparing the materials
* due to the possibility for remote participation no additional travel budget is needed

evaluate whether the contribution can be broadcast as a livestream / recorded as webinar

either from the conference directly or as a separate webinar, to be determined: if fees are required for participation

* consider a blog contribution to announce and summarise STF outcomes

**AP\_80\_08:** Philip: capture this in final report and provide the report as soon as feasible

**AP\_80\_09**: confirm fees, likely presenter as co-author in case no one else is available / able to participate due to fees / time

**AP\_80\_10:** check with Youssouf if this is fine and report back in case further adjustments are needed

# Meeting Wrap up

## Decisions

## The following documents have been approved during MTS#80 Meeting:

**Progress Reports**

STF 576 Progress Report

STF 573 Final Report

## Action List

|  |  |  |
| --- | --- | --- |
| **Action Number** | **Action**  | **Status** |
| **AP(80)001** | ECT to close the 2 WI, ECT to update ETSI Work Program for change of Rapporteur and schedule update. |  |
| **AP(80)002** | ECT to send all TTTCN-3 deliverables published in 2020 as LS |  |
| **AP(80)003** | Andreas Ulrich and Philip Makedonski Prepare the ToR on TDL for 2021, Jens Grabowski: Prepare the ToR on TTCN-3 for 2021 |  |
| **AP(80)004** | Dirk Tepelmann to have a call with the ETSI event director with regards to UCAAT and provide feedback to TC MTS |  |
| **AP(80)005** | Andreas Ulrich will check if internal wor at Siemens can be shared, measuring coverage in terms of the OpenAPI specification, endpoints, paths, operations, |  |
| **AP(80)006** | Michele Carignani: share reaction to the draft with Siemens  |  |
| **AP (80)007** | Dirk Tepelmann and Philip Makedonski to review the webinar material and provide feedback by end of May  |  |
| **AP (80)008** | Philip: update the STF 577 final report and provide the report as soon as feasible |  |
| **AP (80)009** | Axel Rennock confirm fees, likely presenter as co-author in case no one else is available / able to participate due to fees / time |  |
| **AP (80)010** | ECT check with Youssouf if the update of milestone due to UCAAT cancelation is fine report back in case further adjustments are needed |  |

## Calendar of future meetings & Events

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Event** | **Date** | **Venue - [host]** | **Status** |
|  | **MTS#81** | 8 - 9 September 2020 | Online | Confirmed |
|  | **MTSTST WG#8** | 8 September 9 to 10 | Online | Confirmed |
|  | **MTSTDL WG#1** | 8 September 10am to 1pm | Online | Confirmed |
|  |  |  |  |  |

Dirk Tepelmann thanks the participants and close the meeting.

## Participant List

|  |  |  |  |
| --- | --- | --- | --- |
| Title | Last name | First name | Organisation |
| Mrs. | Chaulot-Talmon | Emmanuelle | ETSI |
| Mr. | Gheorghe-Pop | Ilie-Daniel | Fraunhofer FOKUS |
| Prof. | Grabowski | Jens | Institut für Informatik |
| Mr. | Hogrefe | Dieter | Institut für Informatik |
| Mr. | Käärik | Martti | OU Elvior |
| Mr. | Kristoffersen | Finn | Cinderella ApS |
| Mr. | Lehtmets | Andrus | OU Elvior |
| Dr. | Makedonski | Philip | Institut für Informatik |
| Mr. | Mulligan | Ultan | ETSI |
| Mr. | Rennoch | Axel | Fraunhofer FOKUS |
| Dr. | Réthy | György | Ericsson LM |
| Mr. | Szell | Szilard | Eficode |
| Dr. | Ulrich | Andreas | Siemens AG |