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| **Title\*:** | MTS#61 Meeting Report |
|  | 29-30-January 2014 |
| from **Source**\*: | ETSI |
| Contact: | Emmanuelle Chaulot-Talmon  |
|  |  |
| input for **Committee**\***:** | MTS |
|  |  |
| Contribution **For\*:** | Decision | **X** |  |
|  | Discussion |  |  |
|  | Information |  |  |
|  |  |
| Submission date**\***: | 2014-01-7 |
|  |  |
| Meeting & Allocation: | **MTS#61** |
|  |

**Day 1: Wednesday 29th January (afternoon)**

# Opening

## Introduction & welcome, Local arrangements, IPR call [Schulz, Chaulot-Talmon]

**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.

## Approval of agenda, allocation of contributions to Agenda Items [Chaulot-Talmon]

Topics: review agenda content, allocation of contribution to agenda items, agenda items time scheduling.

Related Contributions: MTS(14) MTS#60 Draft Agenda,
Agenda is approved with an addendum (2-STF Matters)

Related Contributions: [MTS(14)61\_001](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061001_MTS_60_Meeting_Report.docx) MTS#60 meeting report Approved with no comment

## Work Programme status [Chaulot-Talmon]

Topics: status of work programme, review/update WI schedules (need rapporteur feedback), progress since previous meeting (publications, AbC…), review of meeting goals (expected final drafts for approval).

Decision: WI Extra will be stopped as no new rapporteur has been found.

Decision: TTCN-3 WI not updated in 2013 by STF 460 will be re allocated to STF YO.

## Presentation of incoming Liaisons & follow-up decisions

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

## Reports from GA, Board, & OCG Meetings [Schulz]

Topics: feedback on decisions and information relevant for the work of MTS.

Stephan Schulz reported that TDL was presented to the OCG on the 28th January. ETSI members have shown interest and it is foreseen to give a presentation on TDL to next OCG in June.

The STF 476 should plan this in their work plan.

# STF 2014

## STF 475

##  Preparatory meeting was held on 28th January, N. Pakulin is the STF leader.The STF has been informed that they should work closely with STF160, Olivier Genoud has been added to the mailing list of the STF 475 to ensure a good coordination. STF160, would like to be able to use the outcome of the STFs for the September release.

## STF 476

## Preparatory meeting was held on 29th January; MTS would like that this new STFs will work in a different manner from the STF 454. Philip Makedonski has been appointed as STFs leader. He will be in charge of the overall reporting and coordination. Each WI will have a different Rapporteur. Each rapporteur is responsible to ensure the high quality of the deliverable, delivery according to schedule, and its presenting its status in the regular steering group meetings. The STF way of working should be transparent and easy to follow for the TDL steering group. It has been agreed that the STF will start using Mantis to capture change requests on the meta model and to capture major discussion points in the development of the new documents.AP Gyorgy: to find and share Mantis working procedures used by TTCN-3 maintenance STF. Despite the initial allocation of STF members to specific tasks it is expected that all STF members contribute to the review of all STF deliverables

MTS approved the change of rapporteur as follow:

|  |  |
| --- | --- |
| (203 119-1)RES/MTS-203119-1v1.2.1Test Decription Language | Ulrich |
| (203 119-2) DES/MTS-203119part 2TDL Graphical Syntax | Adamis |
| (203 119-3) DES/MTS-203119part 3TDL Exchange Format | Makedonski |

Steering Group will remain in place also for Phasse 2 and will provide guidance to the STF. Gyorgy agreed to continue to lead the SG. This is approved by MTS with no comments.
**AP MTS(13) 61\_09**: **Gyorgy** Send to MTS GEN invitation to join the SG and actively participate to SG TDL Call, launch invitation to the TDL SC group to start discussion on phase 2

# TTCN-3

##  TTCN-3 base standards & extensions (STF 460) - [Rethy]

Topics: Final Report STF 460
Related Contributions: [MTS(14)061020](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061020_STF460_Progress_Report__2.doc)

* RES/MTS-00201873-1ed461, TTCN-3 ed.**V4.6.1: Core**,

[MTS(14)061007](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061007_Draft_-_RES_MTS-201873-1_T3ed461__v4_5_3__ES_201_873-1.zip) Final Draft for Approval

* RES/MTS-00201873-5 ed452, TTCN-3 ed.**V4.5.2: TRI**

[MTS(14)061008](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061008_Draft_-_RES_MTS-201873-5_T3ed461__v4_5_2__ES_201_873-5____TT.zip) Final Draft for Approval

* RES/MTS-00201873-6 ed461, TTCN-3 ed.**V4.6.1: TCI**

[MTS(14)061009](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061009_Draft_-_RES_MTS-201873-6_T3ed461__v4_5_2__ES_201_873-6____TT.zip) Final Draft for Approval

* RES/MTS-00202781ed131, TTCN-3 extension**: Configuration and Deployment Support ed.V1.3.1**

[MTS(14)061011](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061011_Draft_-_RES_MTS-202781ConfDepl_ed131__v1_2_2__ES_202_781.zip) Final Draft for Approval

* RES/MTS-00202782ed121**, TTCN-3 extension: Performance and Real Time Testing** ed.**V1.2.1**
[MTS(14)061005](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061005_Draft_-_RES_MTS-113ed121_T3Ext_Perf__v0_0_1__ES_202_782____T.zip) Final Draft for Approval
* RES/MTS-00202784ed132, **TTCN-3 extension: Advance Parameterization ed.V1.3.2**
[MTS(14)061003](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061003_Draft_-_RES_MTS-202784AdvParam_ed141__v1_3_2__ES_202_784____.zip): Final Draft for Approval
* RES/MTS-00202786ed121, TTCN-3 extension: Support of interfaces with continuous signals ed.V1.2.1
[MTS(14)061004](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061004_Draft_-_RES_MTS-202786ContSign_ed121__v0_0_1__ES_202_786____.zip): Final Draft for Approval
* RES/MTS-00202789ed121, TTCN-3 extension: Extended TRI ed.V1.2.1
[MTS(14)061010](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061010_Draft_-_RES_MTS-202789xTRI_ed131__v1_2_2__ES_202_789____TTCN.zip): Final Draft for Approval

Gyorgy Rethy Presented the STF 460 Progress Report

The STF has had four one-week working sessions with all STF members present, in line with the STF work plan:

The STF has resolved and/or closed 82 CRs and has progressed 13 further CRs. 5 new CRs have been received after the last STF session covered by this report. The CRs in progress and received lately will be cover in the next STF.

Only documents which had CR implemented will be re published, others will be allocated to the next STFs.

All CR open are in mantis with their updated Status.

**AP MTS(13)61\_01**: **Gyorgy**: Provide to the TET an article summarising major updates done on TTCN-3 deliverables for the TTCN-3.org website

**AP MTS(13) 61\_02: Em:** re allocate non published WI from STF 460 to STF YO, stopped WI created in prevision but not required

The STF 460 Progress Report was approved by TC MTS

# CTI items

## Update on LIBSIPand TTCN-3.org [Almagia]Related Contributions: [MTS(14)061025](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061025_CTI_input_on_SIPLIB_and_TTCN-3_org.ppt)

Silvia Almagia presented an update on:

**LIBSIP.** STF 471 kicked off Review group created, STF 471 is reporting directly to TC MTS, TC INT and CTI.
Interested parties are encouraged to join the Review Group. List of tasks is detailed in the presentation.
**TTCN-3.org**: Link to ETSI forge available, All major development is now completed, Entering maintenance phase, How to promote the site? Proposal to send be annual news mail to the ttcn-3 mailing list, a RCS field can be used to get update. Promotion of MTS work (MBS/TTCN-) need to be taken into consideration on a broader manner.

**AP MTS(13) 61\_05**  **Em**: report to CSC/Com director a request from MTS to get their work more accessible from the ETSI website and especially from the page: How does ETSI make standard: Should be linked to MTS works.

## SVN Mantis Upgrade [Mueller]

## Related Contributions: [MTS(14)061023](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061023_SVN_MANTIS_UPDATE_MTS61.ppt)Sebastian Mueller presented: Migration of SVN repositories completed, except for the work from STF470, due to ongoing work. Review of Mantis projects ongoing, User documentation of SVN and Mantis to be completed by 06/2014.

## Revision of ETSI EG 201 058 [Mueller]

REG/MTS00046, Implementation Conformance Statement (ICS) proforma style guide

Related Contributions [MTS(14)061024](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061024_EG_ICS_style_guide.ppt)

 [MTS(14)061012](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061012_Revision_of_EG_201_058_-_ICS_Guide.zip)

Sebastian Mueller presented an update on PICS GUIDE (EG 201 059) review.
CTI has reviewed the document, editorial changes;
Proposal is to provide the guide and a standalone template to fill in the table
Changes are being validated by a team within the secretariat

An RC for TB approval will be launch once review completed.

CTI has been noticed that the syntax of TPLAN is being adapted by various TCs in different ways not in line with the TPLAN standard. This pragmatic approach shows that there is growing acceptance of a semi-formal way of writing Test Purposes. However, TC MTS believes that in the interest of technical quality there needs to be some level of consistency on the use of TPLAN (or a derivative of TPLAN) across all TCs. TC MTS requests CTI to collect examples of the various approaches to see if some form of harmonization is possible and to advise TC MTS on next steps.

# Other ongoing work

## UCAAT [Chaulot-Talmon]

Topics: Status of UCAAT 2014, (User Conference on Advance Automated Testing 2014)

UCAAT 2014 will take place in Munich, 16-18 September 2014;

Event announcement and call for presentation should be launched early February.

## MTS Promotion [Schulz]

Topics: MTS Open Day/Webinar,
MTS Open meeting: During UCAAT 2013, several participants has shown an interest in MTS works.

TC MTS would like to request ETSI Events to support the organization of a one day WS in Paris to present MTS work and discuss future needs from industry around testing and methodology.

A steering group to lead the organization of the WS expected to include leaders of all major MTS work areas (TDL, security, testing, TTCN-3), Gyorgy accepted to lead and coordinate the SG.
**AP MTS(13) 61\_04**  **Em**: Send the request to Event for the organization of the event

**AP MTS(13) 61\_03**  **Stephan** Once ETSI confirms, then confirm event steering group participants

Main task of the group: Define and agenda, event form, select the topics

Target: June, 17 June: MTS Workshop

# TTCN-3 Conformance Testing (STF 470) [Andras Kovacs]

Topics: status of drafts, status of STF team, workplan

Related Contributions: Progress Report#1 STF470

Related WIs:

* [(TS 102 950-1) RTS/MTS-102950-1ed141 T3Conf "TTCN-3 tool conformance: ICS"](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=42470) - [Kovacs]
Pre-meeting Status=TB adoption of WI since 2013-05-27 - next=Early drafts (by 2014-01-29)- TB App by 2014-06-30
* [(TS 102 950-2) RTS/MTS-102950-2ed131 T3Conf "TTCN-3 tool conformance: TSS & TPs"](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=39407) - [Kovacs]
Pre-meeting Status=TB adoption of WI since 2013-05-27 - next=Start of work (by 2014-01-29) - TB App by 2014-06-30
* [(TS 102 950-3) RTS/MTS-102950-3ed131 T3Conf "TTCN-3 tool conformance: ATS & IXIT"](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=39408) - [Kovacs]
Pre-meeting Status=TB adoption of WI since 2013-05-27 - next=Start of work (by 2014-01-29) - TB App by 2014-06-30

Andras Kovacs presented the [STF 470 status report](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061013r2_STF_470_Status_Presentation__1.ppt).

Total current number of conformance tests is 1456, and there have been 4 CRs raised by STF 470. Remaining work to be done in 2014: validation of test cases by batch execution of the ATS and analysing reason for unexpected results of some test cases (including regression testing), follow-up on the resolution of raised CRs, write-up and publication of results. The alignment between the version 4.4.1 and 4.5.1 has not been started.
Gyorgy: Can the Requality tool can be used to analyse the difference between 4.4.1 and 4.5.1? This will be checked with STF member Nikolay.

**AP MTS(13)61\_013****Andras***:* Check with Nikolay if it is possible to use the Requality tool from ISPRAS and report the coverage to MTS.

**AP MTS(13)61\_014:** **Andras** Send an email to all tool vendors to inform them that the TTCN-3 conformance ATS is ready for validation and invite them to support the validation with their tools and resources on a voluntary base.

The STF 470 Progress Report #1 was approved by TC MTS.

# Security

## Security SIG [Grossman]

Topics: Report from SIG Technical Sessions

Jurgen presented the status of [MTS Security SIG Work Items](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061027_MTS-SIG_Technical_Session_Report.pptx).

## Status report on active WIs [Takanen, Grossman, Bryant]

Topics: terminology, security design, etc…*.*

[(TR 101 582) DTR/MTS-101582 SecTestCase "Security Case Studies"](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38805) - [Grossman]
Pre-meeting Status=TB adoption of WI since 2012-01-20 - Approved by RC on 2013-01-07
Status: Final draft for approval for DTR/MTS-101582 SecTestCase (TR 101 582) v0.0.5 "Security Case Studies”

Ratification comment: "TB Approved by RC without comments".

During the Quality review, ETSI secretariat discovered the direct mention of Companies and their business within the document. In addition the document includes a reference to the unpublished terminology TS which is still not at stable draft stage.

It was agreed that the document undergo another review round and a new version without these reference provided and aligned with terminology TS by Jurgen..

To allow the reference in the Security Case Studies, it is agreed that both deliverables will be approved and published following the same schedule:

Mid February, Terminology stable draft to be uploaded on the ETSI portal and send for review to MTS.

Mid March: SIG Technical meeting to review the document

Mid April: Final draft for review submitted to MTS

Mid May: Final Draft for TB Approval during MTS#62

[(TR 101 583) DTS/MTS-101583 SecTest\_Terms "Security Testing Terminology"](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38804) - [Takanen]
Pre-meeting Status=TB adoption of WI since 2012-01-20 - next=Early draft (by 2012-01-25) late! - TB App by 2013-08-15
Purpose: To collect the basic terminology and ontology (relationship between stake holder and application) to be used for security testing in order to have a common understanding in MTS and related committees.

Schedule described above. The draft has not progressed as planned but it is anticipated to be aligned with case study document delivery schedule.

 [(EG 202 792) DEG/MTS-202792 Security Assurance Lifecycle](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=43303) - [Bryant]

Pre-meeting Status=TB adoption of WI since 2013-10- 02 - next=Early draft (by 2013-11-05) - TB App by 2015-01-30

ETSI Number changed to EG 203 250
Document Purpose: Describes a set of methodologies that combine risk assessment and testing. The methodologies are based on standards like ISO 31000 and IEEE 829/29119.
Document Status: Draft v0.0.2 (2014-01).
 Open issues: it is desirable that the EG makes reference to the Case studies where possible to illustrate the concepts introduced.

[(EG 202 793) DEG/MTS-202793 Risk-based Security Testing Methodologies](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=43304) - [Grossman]
Pre-meeting Status=TB adoption of WI since 2013-10- 02 - next=Stable draft (by 2013-12-09) - TB App by 2015-01-30
ETSI Number changed to EG 203 251

Work plan produced, Initial draft structure provided, Sections on terms and concepts, risk-based security testing and test-based risk assessment drafted. Open Issues: Feedback from Security SIG on initial draft required. It is desirable that the EG makes reference to the Case studies where possible to illustrate the concepts introduced.

ETSI ISI/MTS liaisons to ISO/IEC JTC1 SC27 WG4/WG3, Jürgen will continue to act as MTS contact point to liaise with ISO.AP
 Em to check the status of the previous liaison send to ISO.

# Model Based Testing

## Test Description Language [Ulrich]

Topics: Final Report STF 454

Related Work Items:

* [(ES 203 119) DES/MTS-140\_TDL "Test Description Language"](http://webapp.etsi.org/WorkProgram/Report_WorkItem.asp?WKI_ID=38239) - [Ulrich]
[MTS(14)061002](http://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2014/MTS%2814%29061002_TDL_Final_Draft.zip) Final Draft for Approval

Comments were made on normative annex A which contains the entire papyrus projects (including the metamodel XML file). It was agreed that text should have precedence.

Decision: Agreed to change the Annex A from Normative to Informative

Andreas presented the final report of STF 454. The slides on phase 2 were noted to contain some opinions by Siemens on STF work that do not necessarily reflect MTS opinion. The first SG meeting shall clarify this.

Decision: Following some minor editorial modifications, a revised version of the final report will is approved by TC MTS.

Revised version of the deliverable including the modification requested during MTS 61 will be uploaded as a new draft version. An Approval by remote consensus (one week) will be launch once the draft available.

## Test Description Language Phase 2 [Ulrich]

Topics: Upcoming STF

Andreas Ulrich presented the TDL road map for the STF 476. Main goal:

* Automation support for generating concrete tests
* Concrete syntaxes for end-users and tool interop

Comment was that STF should insure when dealing with new Mantis CRs that they fit into the scope of the current of the current STF scope before working on them.

## ISTQB MBT certification [Schulz]

Topics: Introduction & Status

ISTQB has launched an initiative to create new modules for MBT.

MTS position is that harmonization of terminology used at ETSI and ISTQB would be interesting.
**AP MTS(13) 61\_06**: **Stephan, Gyorgy, Ina**: Define what can be the goal to archive with ISTQB and contact them.

**AP MTS(13) 61\_07:** **Stephan**: contact Thomas Mueller and investigate the possibility to collaborate with MTS.

On TTCN-3 certificate, proposal: To contact the German Testing Board to review the syllabus on TTCN-3, jointly with TC MTS, and organise an exam session during this year’sUCAAT, based on an updated version of the syllabus and exam. Current TTCN-3 syllabus has not been updated since 3 years.

**AP MTS(13) 61\_08: Stephan** to contact the GTB chairman to launch cooperation

# Meeting wrap up

## Approvals (review & confirmation) [All]

### **STF Reports**

STF 470 Progress report Approved

STF 460 Progress Report Approved

STF 454 Final report approved

### **New WI**

No new WI created during the meeting.

### **Stopped WIs**

(202 553) RES/MTS-202553ed211\_ExTRA stopped

### **Final draft approved during MTS 61NA**

### **Final drafts for Approval by RC once comments integrated**

(203 119) DES/MTS-140\_TDL, Test Description Language, will be approved by RC once comments raised during MTS#61 integrated in the draft.

(201 873-1) RES/MTS-201873-1 T3ed461, TTCN-3: Core Language will be approved by RC once comments received during MTS#61 integrated in the draft.

(201 873-6) RES/MTS-201873-6 T3ed461, TTCN-3: TCI

(201 873-5) RES/MTS-201873-5 T3ed461 TTCN-3: TRI

(202 781) RES/MTS-202781ConfDepl ed131 TTCN-3 extension: Configuration & Deployment support

(202 782) RES/MTS-202782PerfRealTed131 TTCN-3 extension: Performance and Real Time Testing

(202 786) RES/MTS-202786ContSign ed121 TTCN-3 extension: Continuous Signal support

(202 789) RES/MTS-202789xTRI ed131 TTCN-3 extension: Extended TRI

(202 784) RES/MTS-202784AdvParam ed141 TTCN-3 extension: Advanced Parameterization

## Actions list

Topics: review of actions list

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| --- | --- |
| **MTS(13)61\_01**NEEDS-ACTION | **Gyorgy**: Provide to the TET an article summarising major updates done on TTCN-3 deliverables for the TTCN-3.org website |
| **MTS(13) 61\_02**NEEDS-ACTION | **Em** re allocate non published WI from STF 460 to STF YO, stopped WI created in prevision but not required |
| **MTS(13) 61\_03**NEEDS-ACTION | **Stephan** contact participants not in the meeting (Jurgen and Andreas) to check if they would like to be part of the Steering group in charge of organizing the MTS WS |
| **MTS(13) 61\_04**NEEDS-ACTION | **Em** to send a request to organise a WS on behalf of MTS to EVE team |
| **MTS(13) 61\_05**NEEDS-ACTION | **Em** to report to CSC/Com directors a request from MTS to get their work more accessible from the ETSI website and especially from the page: How does ETSI make standard: Should be linked to MTS works and MBS. |
| **MTS(13) 61\_06**NEEDS-ACTION | **Stephan, Gyorgy, Ina**: Define what can be the goal to achieved with ISTQB and contact them. |
| **MTS(13)61\_07**NEEDS-ACTION | **Stephan**: contact Thomas Mueller and investigate the possibility to collaborate with MTS. |
| **MTS(13)61\_08**NEEDS-ACTION | **Stephan** to contact the GTB chairman to launch cooperation on TTCN-3 Certificate |
| **MTS(13)61\_09**NEEDS-ACTION | **Gyorgy** to send an invitation to the TDL SC group to launch discussion on phase 2 |
| **MTS(13)61\_010**NEEDS-ACTION | **Gyorgy** to find the CR handling process defined for TTCN-3  |
| **MTS(13)61\_011**NEEDS-ACTION | **Jurgen** integrate changes requested during MTS 60 in the Case Study document and follow the schedule agreed |
| **MTS(13)61\_012**NEEDS-ACTION | **Ari** provide draft terminology document and follow the schedule agreed |
| **MTS(13)61\_013**NEEDS-ACTION | **Andras** check with Nikolay if it is possible to use the Requality tool from ISPRAS and report the coverage to MTS. |
| **MTS(13)61\_014**NEEDS-ACTION | **Andras** Send an email to all tool vendors to inform them that the TTCN-3 conformance ATS is ready for validation and invite them to support the validation with their tools and resources on a voluntary base. |
| **MTS(13)60\_03**On-Going | *Olivier Genoud provides additional information from RAN5 on ePICS*There was no discussion on ePICS at the last RAN5#61 meeting in San Francisco. The whole topic seems to be on hold in RAN5 as the driving company has stopped its business operations. I will check again in the upcoming RAN5#62 meeting (Feb’14). |
|  **MTS(13)60\_10**NEEDS-ACTION | Andreas Ulrich to organize a (remote) presentation about ISO activities on and status of “Specification based testing” at Jan MTS meeting as input for further work. |

## Calendar of future meetings & Events

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Event | Date | Venue - [host] | Status |
|  | **MTS#62** | 14 & 15 May 2014 | Munich | Confirmed |
|  | **MTS#63** | 1st & 2nd October  | Berlin | Confirmed |
|  | **UCAAT 2014** | 16-18 Sept 2014 | Munich | Confirmed |
|  |  **MTS Workshop** | 17 June 2014 | Paris | TBC |

## Meeting Closure

**ANNEX 1: List of MTS#61 Participants**

|  |  |
| --- | --- |
| **Delegates** | **Representing Organisations** |
| Dr. | Adamis | Gusztav | Ericsson |
| Mrs. | Almagia | Silvia | ETSI |
| Mr. | Berrini | Alberto | ETSI |
| Mr. | Bryant | Ian | TSI |
| Mr. | Cadzow | Scott | Cadzow Communications |
| Mrs. | Chaulot-Talmon | Emmanuelle | ETSI |
| Mr. | Grossmann | Juergen | Fraunhofer FOKUS |
| Mr. | Guillén Jiménez | David | Eglobalmarket |
| Mr. | Hogrefe | Dieter | Institut für Informatik |
| Mr. | Kovacs | Andras | BroadBit Slovakia |
| Mr. | Lehtmets | Andrus | OU Elvior |
| Dr. | Réthy | György | Ericsson |
| Dr | Scheferdecker | Ina | FOKUS |
| Mr. | Schulz | Stephan | Conformiq Software Ltd. |
| Mr. | Tepelmann | Dirk | Testing Technologies |
| Dr. | Ulrich | Andreas | Siemens AG |
| Mr. | Wiles | Anthony | ETSI |