



3GPP TTCN Status Report (Dec 04) update of TP-040244

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**8-10 Dec 2004, Athens GR
TSG-T#26 TP-040281**

TM



Overview

- **General TTCN progress**
- **FDD TTCN TC approval and CR status**
- **LCR TDD TTCN**
- **2005 tasks**
- **Update of ToR**

General progress since T1#24

- **Total approved P1 – P4 TCs (GCF WI-10) reached 88%**
- **P4 verified TCs: 82%**
 - Current approved P4 TC: 77%
- **FDD TTCN deliveries in 2004**
 - 4 formal deliveries + 17 T1 interim working deliveries
- **Publication of weekly TTCN approval status, CR tracking list and TC reservation lists**
 - 1200 TTCN CRs + comments uploaded, tracked & controlled this year
 - Category B: 950, category F: 250
- **Nearly 200 LCR TDD TCs drafted**

Latest R99 TTCN approval status

Test case status summary 10-december 24:00

| GCF package | Approved | Submitted for approval | Rest | Grand Total |
|--------------------|------------|------------------------|-----------|-------------|
| 1 | 94 | 2 | 3 | 99 |
| 2 | 87 | 0 | 8 | 95 |
| 3 | 82 | 0 | 11 | 93 |
| 4 | 74 | 5 | 17 | 96**) |
| Grand Total | 337 | 7 | 39 | 383 |

| Approved % |
|------------|
| 95 |
| 93*) |
| 88 |
| 77 |
| 88 |

| remaining TCs to be submitted % |
|---------------------------------|
| 3.03 |
| 8.42 |
| 11.83 |
| 17.71 |
| 10.18 |

| TCs to be submitted to reach 80% |
|----------------------------------|
| 0 |
| 0*) |
| 0 |
| 0 |
| 0 |

| reserved TCs |
|--------------|
| 0 |
| 1 |
| 3 |
| 9 |
| |

Expected test case status summary 16-December 24:00

| GCF package | Approved | Submitted for approval | Rest | Grand Total |
|--------------------|------------|------------------------|-----------|-------------|
| 1 | 96 | 0 | 3 | 99 |
| 2 | 87 | 0 | 8 | 95 |
| 3 | 82 | 0 | 11 | 93 |
| 4 | 79 | 0 | 17 | 96**) |
| Grand Total | 344 | 0 | 39 | 383 |

| Approved % |
|------------|
| 97 |
| 93*) |
| 88 |
| 82 |
| 90 |

| remaining TCs to be submitted % |
|---------------------------------|
| 3.03 |
| 8.42 |
| 11.83 |
| 17.71 |
| 10.18 |

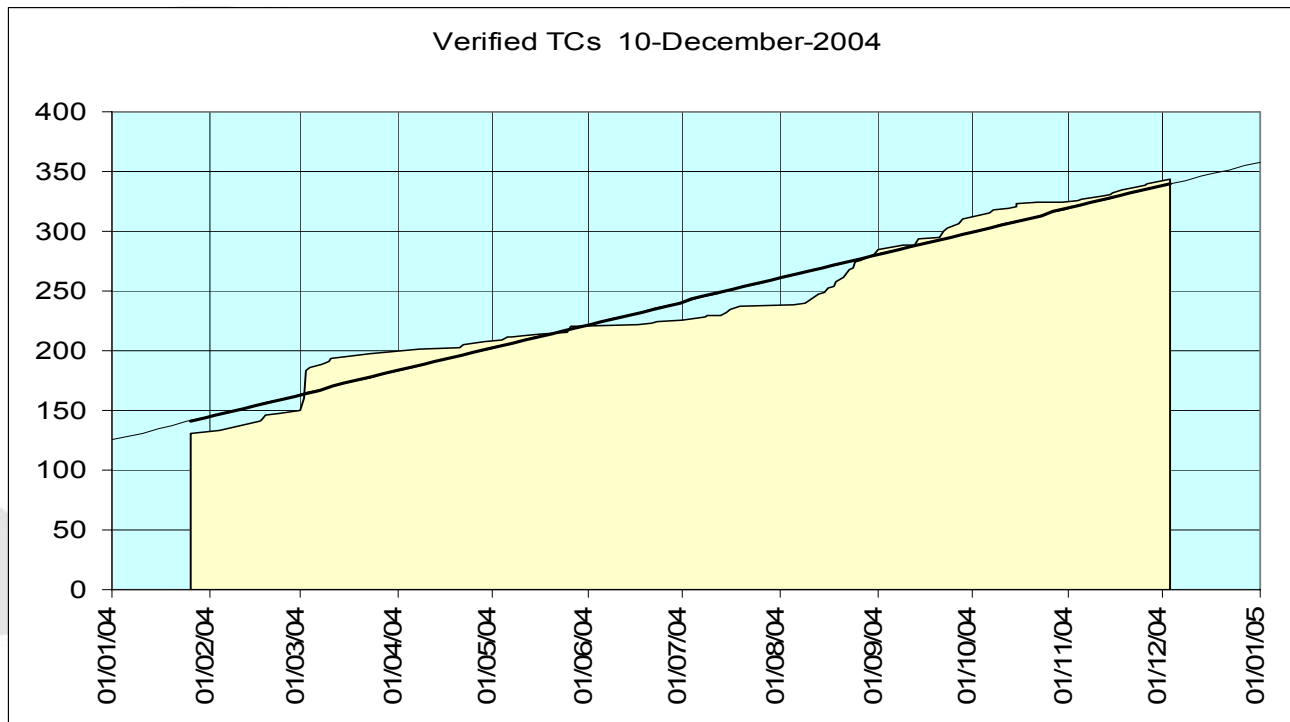
| TCs to be submitted to reach 80% |
|----------------------------------|
| 0 |
| 0*) |
| 0 |
| 0 |
| 0 |

| reserved TCs |
|--------------|
| 0 |
| 1 |
| 3 |
| 9 |
| |

*) 1 of the package 2 test cases has been suspended bei T WG1

***) 5 of the submitted test case are GERAN ones

TTCN approval Chart in 2004



GERAN TTCN approval

- The 1st GERAN-UTRAN TC e-mail approved
- Another 4 TCs in the approval queue
 - To be approved on 16th Dec.
- 82% of P4 approval (UTRAN + GERAN) will be reached
- The e-mail approved TCs are to be forwarded to GERAN#23 for formal approval
- 51.010-5 v6.0.0 has been created by GERAN
 - to contain GERAN/ UTRAN TCs approved



LCR TDD TTCN

- **2 CCSA / TDIA experts worked at ETSI**
- **197 TCs have been derived from FDD**
 - P1 : 75 TCs
 - P2 : 51 TCs
 - P3 : 46 TCs
 - P4 : 25 TCs
- **Baseline Rel-4, March 03**

TTCN Tasks 2005 for FDD

- **Baseline moving from “R99 March 03” to “Rel-5 Dec 04” for R99 stream**
 - Transition period, March – May 05, for WI-10 & 12 (R99 interoperability test)
 - Two baselines maintained at this period
 - Intensive regression tests on the two baselines will be needed
- **Baseline “Rel-5 Dec 04” for Rel-5 stream starting in March for GCF WI- 13 (Enhancement), & WI-14 (HSDPA)**
 - Essential for HSDPA test
- **Two work streams on single baseline “Rel-5 Dec. 04” (ref. TP-040232, slide 7)**
 - Starting date: 1st June 2005
 - **R99 stream for GCF WI-10 &12**
 - **Rel-5 stream for GCF WI-13 & WI-14**
 - On single ASN.1 module of “Rel-5 Dec. 04”

FDD Milestones 2005

- **95% of GCF R99 WI-10 & 12 on R99 baseline**
 - 20 May 05
- **95% of R99 WI-10 & 12 on Rel-5 Dec 04 baseline**
 - 03 June 05
- **80% of Rel-5 WI – 13 & 14 on Rel-5 Dec. 04 baseline**
 - 10 Sept 05

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A GLOBAL INITIATIVE



A-GPS test in 2005

- **Recently GCF is introducing a new WI-15 for A-GPS test**
 - About 30 TCs
 - Baseline R99
 - Request TTCN
- **A-GPS will become one of the tasks in 2005**
- **Funding for A-GPS should be sorted out.**
 - Voluntary contributions from the interesting companies can be the solution.

LCR TDD 2005

- **LCR TDD continues to complete 4 packages**
 - Another 200 TCs for completion
- **Decision on the baseline moving to Rel-5 Dec 04 is not yet made**
 - Discussions with TDIA are ongoing
 - Proposal will be made at T1#26 (Feb 05)

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Updated Resource Situation for TF 160 in 2005 @ Dec 04

| Tasks endorsed by PCG in Oct 04 | Approx allocation in man months | Resulting resource allocation as a percentage | Notes |
|--|---------------------------------|---|---|
| R99 Maintenance & Enhancement (WI-010 & WI-012) | 22 | 24% | |
| LCR TDD | 33 | 37% | TDIA to provide 17 man months on site voluntary contribution |
| Rel 4 & Rel 5 Enhancements (WI-013) | 10 | 11% | |
| HSDPA (WI-014) | 16 | 18% | Rohde & Schwarz to provide 4 man months on site voluntary contribution |
| RCM | 9 | 10% | |
| Total | 90 | | |
| A-GPS (WI-015) Task not established at the time of PCG endorsement in Oct 04, therefore no budget has been made available for it. | Nil | n/a | Scope of task not yet determined but the resources need to be provided by the WI sponsor companies |

The PCG endorsed the tasks shown above (less A-GPS) and OP allocated 58 man months in Oct 04. The shortfall of 32 man months will be made up from voluntary contributions from:

- TDIA: 17 man months
- GSMA: 6 man months
- GCF: 3 man months
- Rohde & Schwarz: 4 man months
- Remainder: Potential sponsor identified but awaiting confirmed

Update of MCC task 160 ToR

- **Several reasons for updating ToR**
 - new funding for 2005 has been granted
 - GERAN-UTRAN TCs split out to MCC task 272
 - New tasks defined for 2005
- **ToR update in TP-040282 to be presented for approval separately**