



3GPP TTCN Status Report (Sept. 04)

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8-10 Sept. 2004, Palm Springs, USA

TSG-T#25 TP-040147

TM

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Overview

- **Result of FDD TTCN**
- **RCM result**
- **Latest TTCN TC approval & CR status**
- **LCR TDD TTCN**
- **2005 tasks & funding**
- **Information on GERAN/UTRAN tests**

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FDD R99 Result since T#24

- **63 new TCs presented to the meeting for approval**
 - 272 TC approved in total
- **Reached the P3 milestone 80% (this week)**
- **Started P4 verification**
 - 22 TCs for approval
 - Another 10 TCs in the e-mail approval queue
- **P1 and P2 verifications are going on**
 - Reached P1:94%, P2:86%
- **TTCN deliveries**
 - A formal delivery of V361 in 34.123-3
 - Four T1-interim TTCN deliveries

RCM Result

- **GCF funding for RCM from 6mm reduced to 5 mm**
 - Covered 50% of RCM job till end of the year
- **Regular TTCN tracking and approval status sent as information flow to T1 members**
- **Tracked all TTCN CRs and comments**
 - 34 correction CRs
 - 63 CRs adding new TCs
- **Each delivery coversheet as summarised information of TTCN implementation**
- **A test case reservation system introduced to avoid duplicate efforts between the TTCN verification teams**

Latest TTCN approval status

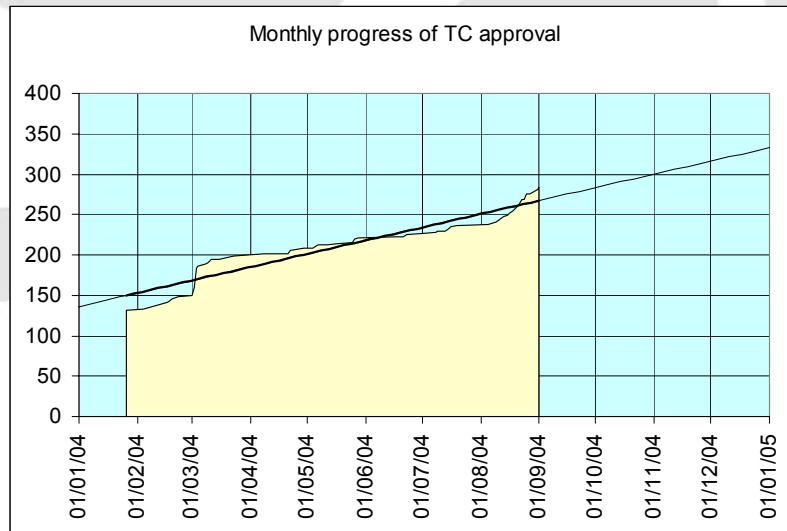
GCF package	Approved	Submitted for approval	Rest	Grand Total	Approved %	remaining TCs to be submitted %	TCs to be submitted to reach 80%	reserved TCs
1	93	0	6	99	94	6.06	0	0
2	81	2	12	95	86 ^{*)}	12.63	0 ^{*)}	4
3	76	0	21	97	80 ^{**)}	21.65	0 ^{**)}	10
4	22	10	64	96	23	66.67	45	25
Grand Total	272	12	103	387	70	26.61	45	

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

^{**)} 2 of the package 3 test cases have been suspended bei T WG1

Progress of TC approval 2004

- Progress of TC approval is on the track
 - Current approval progress above linear expectation
 - Expectation at T#26
- P1:94%, P2:90%, P3:85%, P4:80%**



LCR TDD TTCN

- **68 k€ 3GPP funding contracted to CCSA / TDIA for LCR TDD TTCN in 2004**
- **Two CCSA / TDIA teams alternated working at ETSI for TDD**
 - **The 2nd team of 3 experts of CCSA / TDIA replaced the 1st team working at ETSI at end of June**
 - **The 1st team will come back for the 4th quarter**
- **101 TDD TCs derived from FDD and been available**
- **The FDD verification results imported to TDD**
- **Expected to complete another 50 TCs by end of the year**

Tasks and Funding 2005

Tasks	Allocations (mm)	%	Industry references
R99 maintenance & enhancement	21	30	GCF P1 – P4, draft GCF WI-012
LCR TDD	16	22	TDIA WG terminal conformance test
Rel-4 & Rel-5 core functionality test	11	14	draft GCF WI-013
HSDPA test	16	22	draft GCF WI-014
RCM	9	12	
Total	73	100	

- Five subtasks and the workloads identified for 2005
- **Request T to agree and to request PCG/OP for 2005 funding of 73 mm**

Info on GERAN/UTRAN tests

- GERAN/UTRAN tests are under ToR of GERAN-3
- 20 GERAN / UTRAN TCs in 51.010
 - 8 TCs scheduled in GCF P4, but not yet verified
 - These TCs were developed by Task 160
- Similar e-mail approval procedure applied to GERAN/UTRAN TCs
- GERAN requested to fund a task force as long term solution for maintenance and development GERAN /UTRAN TCs in TTCN
- PCG granted 2.5 mm to GERAN for this year as an urgent matter
- MCC task 272 created recently for this task
 - GERAN-3/GERAN steer the task 272
 - An expert from the task 160 transferred to task 272
 - MCC leads task 272 and coordinates with task 160
- GERAN/UTRAN TCs will be included in 51.010-5 when approved by GERAN
- GERAN will have separate funding next year for task 272