



# 3GPP TTCN Status Report (Dec 04)

**Shicheng Hu**

**8-10 Dec 2004, Athens GR**

**TSG-T#26 TP-040244**

TM

A GLOBAL INITIATIVE

# 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**)
<b>Grand Total</b>	<b>337</b>	<b>7</b>	<b>39</b>	<b>383</b>

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**)
<b>Grand Total</b>	<b>344</b>	<b>0</b>	<b>39</b>	<b>383</b>

Approved %
97
93*)
88
82
90

remaining TCs to be submitted %
3.03
8.42
11.83
17.71
10.18

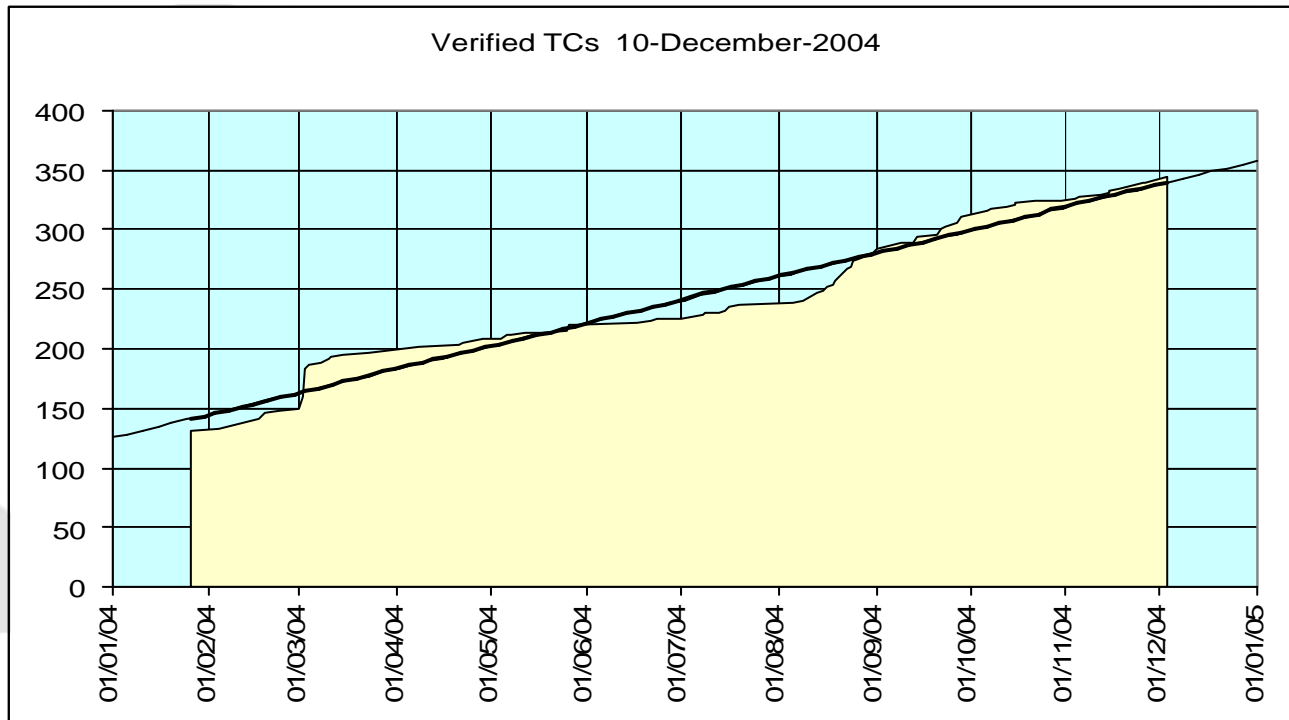
TCs to be submitted to reach 80%
0
0*)
0
0
0

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 1<sup>st</sup> 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: 1<sup>st</sup> 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

# 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.05 is not yet made**
  - Discussions with TDIA are ongoing
  - Proposal will be made at T1#26 (Feb 05)

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# Tasks and Funding 2005

Tasks	%	Industry references
R99 maintenance & enhancement	30	GCF WI-10, WI-012
LCR TDD	22	TDIA WG terminal conformance test
Rel-4 & Rel-5 core functionality test	14	GCF WI-013
HSDPA test	22	GCF WI-014
RCM	12	
Total	100	

- **General funding result for 2005 is reported by T1 Chair (TP-040230)**
- **For the 3GPP granted 58 mm, its allocation to the individual tasks follows the proportion proposed in TP-040147 (task 160 Sept. 04 report)**
- **Balancing FDD & TDD, Releases and industry requirements**
- **Contracting experts just started**
- **Request T to endorse this allocation**

# 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-040245**
- **Request T for approval and forward to PCG for endorsement**

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