3GPP TTCN Status Report (Dec. 03)

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Overview

- ❑ **Result since TSG#21**
- ❑ **Funding 2004**
- ❑ **Resource allocation for FDD TTCN**
- ❑ **LCR TDD TTCN**

Result (1)

❑ **4 TTCN deliveries on core specs baseline March 03**
  ➢ **Formal delivery of V330 in 34.123-3**
  ➢ **Three T1-interim working deliveries**
    • **iWD-TVB2003-03_D03wk44 (P1+P2)**
    • **iWD-TVB2003-03_D03wk46 (all TCs)**
    • **iWD-TVB2003-03_D03wk48 (P1+P2)**

❑ **V330**
  ➢ **This delivery has a solid basis, 103 TCs contained**
  ➢ **1st time, the TTCN formal delivery and its corresponding prose test specs approved at the same TSG-T (#21) meeting**
  ➢ **1st time, all TCs regression tested both for CS / PS paths**

❑ **iWD-wk44**
  ➢ **Same basis as V330, currently used for P1 + P2 verification,**
  ➢ **37 new P1+P2 TCs verified, but not yet approved, will be included in V350**
  ➢ **1st three interRAT HO TCs verified (UTRAN->GERAN)**

Result (2)

- ❏ **iWD-wk 46**
  - ➢ **New ASP enhancement for P2 + P3 RAB test**
  - ➢ **Currently used for company internal P3 verification, but not yet for publication**
- ❏ **iWD-wk 48**
  - ➢ **All P1 + P2 prose CRs approved at this meeting implemented**
  - ➢ **UTRAN/GERAN dual mode UE capabilities taken in account**
  - ➢ **Used for preparation of V340 (103 approved TCs)**
  - ➢ **The regression test of V340 successfully completed**
- ❏ **In order to increase the TTCN maintenance capabilities and change tracebility, MCC task 160 installed**
  - ➢ **A chain of TTCN-2 tools for editing, analysing/compiling, merging and comparisons**
  - ➢ **The configuration management tool**
  - ➢ **A series of working procedures for TTCN configuration management, error handling /corrections and deliveries**

TTCN in 2004

- ❑ **Funding**
  - ➢ **PCG/OP granted 58 mm as total 3GPP funding for 2004**
  - ➢ **Up to TSG-T to decide the funding splitting for FDD / LCR TDD**
- ❑ **T1#21 recommended**
  - ➢ **Ensure funding for completion of prioritised FDD test in 2004**
  - ➢ **Reserve 6 mm for the newly installed RCM expert**
  - ➢ **Start LCR TDD Rel-4 TTCN development on voluntary funding basis**
  - ➢ **Ask ETSI MCC to provide the sufficient support to LCR TDD TTCN**
- ❑ **Based on the T1 recommendations, the all 3GPP funding for 2004 will be allocated to FDD TTCN**
- ❑ **Target is to complete all GCF high priority by late 2004**
- ❑ **Call for experts**
  - ➢ **A TTCN expert for replacement (TP-030292, sent out)**
  - ➢ **A RCM expert (TP-030293, waiting for T decision)**

FDD R99 TTCN Task Splitting for 2004

❑ **4 updates / year for R99, resulting in 4 formal TTCN deliveries**

❑ **Focus on P3 + P4 tests**

❑ **Another 6 mm for RCM coming from GCF**

FDD R99 TTCN maintenance Tasks	Corresponding prose	T#21 Allocations (mm)	T#22 Allocations (mm)
SS ASP interface/ configurations	34.123-3	5	5
RRC (without interRAT HO)	34.123-1, cl. 8	20	20
NAS + SMS	34.1231, cl. 9-13, 16	6	4
RLC, MAC	34.1231, cl. 7	3	2
Idle mode	34.1231, cl. 6	3	3
RAB	34.1231, cl. 14	5	5
UTRAN->GERAN HO	34.1231, cl. 8.3.7-11	3	3
GERAN->UTRAN HO	51.010, cl. 60, 42.4.7	4	4
Common library	34.108, 34.123-1, annexes	6	6
RCM (incl. Error report & TTCN CR handling)		3	6
Total		58	58

LCR TDD Rel-4 TTCN

- ❏ **A T1 LCR TDD TTCN workshop will be organised at ETSI in the middle of Jan. 04**
  - ➢ **Decide the framework and time schedule for development and verification of LCR TDD TTCN**
  - ➢ **The way to maximise use of FDD TTCN results, but not affect the FDD TC verification and approval**
- ❏ **CCSA / TD-SCDMA Alliance will provide TTCN experts as voluntary contributions**
  - ➢ **A part time RCM as coordinator**
  - ➢ **Up to 8 TTCN experts (join ETSI team or home work)**
- ❏ **ETSI is planned to**
  - ➢ **Host 4 TTCN experts from CCSA**
  - ➢ **Provide the project leadership, management and administration support**
- ❏ **Expectations**
  - ➢ **It will be another three-years project**
  - ➢ **Including development and necessary verification / approval process**