3GPP TTCN Status Report (Dec. 02)

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ETSI

2 Dec 2002

TP-020292

TTCN Progress (1)

- **MCC task 160 started July 2000**
  - **1,5 Million € of 3GPP funds**
  - **16 excellent TTCN experts with protocol knowledge have participated**
  - **An ETSI PEX has taken the leadership**
  - **Result in 700 UE conformance test cases for interoperability**
  - **Created TS 34.123-3 V200 for approval (TP-020301)**
- **Since May 02, MCC task 160 has been fully working on the GCF prioritised test cases.**
  - **Contracted 11 TTCN experts from 7 companies**
  - **3GPP central funds 42 mm for 2002 (1mm = 13k€)**
  - **Received from GSMA funds 11 mm**
  - **Received 3 mm efforts from the Motorola contribution**
  - **The intended another 7 mm from UE manufacturers have not been received**
- **GCF package 1 TTCN test cases delivered in July**
  - **TTCN version V140 as baseline**
  - **Test cases compliant with 3GPP core specs March 02 & 34.123-1, V501**

TTCN Progress (2)

- **A follow-up version V150 delivered in September**
    - **Followed correction CRs of P1 test cases approved by 3GPP T (34.123-1, V511)**
    - **V140 -> v150 included 400 necessary TTCN changes for P1 test cases**
- **Another update V151 delivered at end of Oct.**
    - **350 changes for P1**
    - **700 changes for non-P1 TC**
- **TTCN verification is well going on**
    - **3 TC verified for approval (TP-020302)**
    - **More than 60 P1 TC run at the simulation or test mobile basis.**
    - **52 P1 TC have been successfully executed against real UE**
- **Received error reports changed from anonymous to named**
    - **300 qualified TTCN error reports received on P1 since V140**
    - **94% error reports accepted**
    - **100 TTCN error corrections / version**

TTCN Status of GCF packages

- **Total 699 TTCN TC in V151**
  - **P1 TC relatively stable**

	P1	P2	P3	P4	Low priority
Verifiable TC (test cases)	101	76	86	76	325
TC Compilable with open problems	-	18	1	-	16
Implicitly tested	3	-	-	-	-
Unavailable in TTCN	-	2	14	6	70
Unavailable in prose	-	2	-	1	13
Total	104	98	101	83	424

TTCN Delivery Plan (2002)

TTCN Version	Deliver Time	TC number	Comments
V120	Feb 02	600	T1#14, FDD tests based on R99 June 01
V121	April 02	600	T1S#22, an intermediate version on R99 June 01
V130	May 02	620	T1#15, all Package 1 test cases compilable, ASN.1 on March 02, only a part of test procedures updated
V140	July 02	650	Complete package 1, verifiable, based on March 02
V150	Sept 02	670	After T1#16, package 1 and a part of package 2 based on June 02,
V151	Nov 02	680	Whole package 2 compilable
V300 (formal version)	Dec 02	3	34.123-3, V300 containing the verified / approved TC
V160 (development version)	Jan 03	720	After T#18, Core specs Sept.02, include integrity as mandatory

TTCN Funding 2003

- **The recent PCG/OP meeting considered the 3GPP central funds for a TTCN expert team as a cost-effective and efficient tool for the generation of UE interoperability test**
- **Approved 58 mm for 2003**
  - **42 mm for R99, and ensure GCF packages**
  - **16 mm for Rel-4**
- **The contracts for 2003 have been started**
  - **5 - 6 TTCN experts will be engaged in the 1st half of 2003 to ensure the GCF P1 and P2 TC**
- **Many thanks for the TSG-T commitment and supports to the TTCN project**