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Source: **TSG T Chairman**

Title: **TTCN Funding Requirement from TSG-T**

Agenda item: 7.3

Document for:

Decision	**X**
Discussion	
Information	

1   Summary of 2002

1.1   Funding situation

	3GPP Funds (mm)	GSMA Funds (mm)	Manufacturers Free of charge (mm)	Total
Total received per source	58	11*	3	**72**
Contracted for R99	42	11	3	**56**
Contracted for Rel-4	-	-	-	**-**
Contracted for Rel-5	-	-	-	**-**
Contingency	16	0	0	**16**

* Note: We expect from GSMA another 7 mm of funding from their manufacturer members. If received, the contingency will be increased to 23 mm.

1.2   Achievement in 2002

- 670 TTCN test cases in R99, (produced 100 new test cases)

- Move the TTCN baseline of the core specs from the R99 Jun. 01 to June 02 (4700 TTCN code changes)

- 2 packages of the prioritised test cases (200 test cases) have been updated.

- A mojor part of the 1st package of the prioritised test cases will be verified by end of Nov.

- 6 versions of the TTCN deliveries downloadable from 3GPP server

1.3   Continuation of central funding

Two and half years of experience has shown that the central funding for installation of a TTCN expert team under MCC is a cost-effective and efficient tool for generation of the 3GPP test standards. Currently, 400 TTCN test cases have been prioritised and groupped into 4 packages by GCF for the UE

certification by end of 2003. These test cases shall finally ensure the UE interoperability.

The 3GPP test industry has been mobilised to verify and deploy these test cases. They have reported the verification results which are recorded in a TTCN anonymous verification data base managed by MCC. All 3GPP members share the results. This openness and the visibility have also accelerated the total TTCN verification process: TTCN funded maintenance - TTCN verification by test industry -TTCN verification data base.

The cost-share principle and the commitment to the central funds will ensure the continuation of this process till the full implementation of total GCF packaged test cases is reached.

2   Funding 2003

2.1   Principles:

(i)   Carry over the 3GPP contingency funding

(ii)   Give high priority to the R99 maintenance and continuation of production of new test cases required

(iii)   Include the generation of the low chip rate (Rel-4) TDD test cases. The TDD common part is shared by LCR and HCR. However, the industry must indicate when to start the LCR TTCN development. It should be noted that the development of Rel-4 TTCN is also a long term commitment.

It is still unclear whether the HCR TDD test cases are needed. The industry shall indicate the actual requirement. The planned 2003 TTCN funding does not include the HCR TDD test requirement.

(iv)   No Rel-5 test cases (e.g. SIP) are planned.

2.2   Required funds

Altogether **58 mm** are required for 2003. If the 16 mm contingency can be carried over, the actual funding for 2003 is reduced to 42 mm.

R99:   36 mm TTCN FDD maintenance
6 mm production of new FDD test cases

Rel 4:   12 mm to start low-chip rate TDD.
4 mm adaptation of ROHC test cases (from ETSI ROHC ATS).