



# Task 160 Sept. Status Report

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TP-010182



# MCC task 160

## Funding & Contracts 2001

- Total received for 2001 52 mm
  - Received 3GPP funding: 38 mm
  - Voluntary contribution: 14 mm
  
- Reallocation to 2000 (contracted): - 2 mm
  
- Contracted in 2001 (incl. free of charge)
  - Contracted at the 1<sup>st</sup> half of 2001: - 26 mm
  - Contracted at the 2<sup>nd</sup> half of 2001: - 24 mm
  
- Balance 0 mm



# Resource distribution

## Resource distribution – 2001 at the MCC task 160

Company	Subtasks	Jan – June	July – Dec
<b>SIGOS</b>	RRC single cell tests	5 mm(contract)	0.5 mm(contract)
<b>R&amp;S</b>	SMS	2.5 mm(contract)	
<b>Agere</b>	GMM	3 mm(contract)	0.5 mm(contract)
<b>Fscom</b>	RAB + TTCN mainten.	5 mm(contract)	3 mm(contract)
<b>Cetecom</b>	PDCP + BMC	3 mm(contract)	0.5 mm(contract)
<b>Anritsu</b>	L2 tests + RRC	2.5 mm(contract)	2 mm(contract)
<b>ECNU</b>	2G/3G HO framework	1 mm(contract)	5.5 mm(contract)
<b>Motorola</b>	RRC multi-cell tests	2 mm(contract)	6 mm(voluntary)
<b>Sasken</b>	SM	2 mm(voluntary)	
<b>Telelogic</b>	RRC TTCN maintenance		6 mm(voluntary)
<b>Total</b>			<b>50 mm</b>



# Progress

- **TTCN V104 & V105 delivered**
  - based on the core specs. R99, March 01 and 34.123-3, V104 or V105 respectively (ASP definition)
  - V105 is compilable
  - Implementation of the invalid message tests
- **500 test cases available**
  - New L2 (PDCP, BMC, MAC) test cases included
  - A complete set of Idle mode multi-cell tests
  - 95% NAS test cases completed
  - 80% RRC test cases completed
- **Multi-RAT (UTRAN->GERAN HO + idle mode) test started**
  - Test model and test architecture established
  - ASPs for CS HO defined



# 2001 Delivery Plan

TTCN Version	Deliver Time	TC number	Comments
V102	May 01	400	T1#11, add security feature, on the T1S server.
V104	July 01	450	T1S#18, on R99 March 01
V105	Sept 01	500	T1#12, on R99 March 01, improved syntax check, new MAC and PDCP tests
V106	Oct 01	520	on R99 June 01 (34.123-1, v350), a complete set of the L2 (RLC, MAC, PDCP & BMC) tests, 1 <sup>st</sup> multi-RAT test, creation of the verification database.
V107	Nov 01	550	T1#13, on R99 June 01 , a complete set of the NAS tests, new RAB and multi-RAT tests
V108	Jan 02	580*	A complete set of FDD tests and approaching the completion of TTCN draft for FDD on R99 June 01  NB: The test coverage will be increased as benefit from the freezing of the core spec. version.



# TTCN plan 2002-2003

		2002	2003
R99	Maintenance of existing test cases	22	11
	Intersystem / Inter RAT HO	6	
	High chip rate TDD	10	2
Rel-4	Low Chip Rate TDD	14	13
	ROHC PDCP	4	-
	Inter RAT HO	-	3
	Enhanced Radio Bearer	-	3
	Facsimile and emergency call enhancements	2	-
Rel-5	L2 ARQ II/III	-	3
	Voice over IP	-	15
	HSDPA	-	5
Rel-indepd.	UMTS 1800 /1900	-	3
		<b>58</b>	<b>58</b>



# Funding 2002

- T1 / T have planned to keep the same level of funding (58 mm) for the task 160 in 2002 and 2003.
- Three proposed changes in the splitting of the 2002 funding
  - Give the R99 FDD maintenance more weight
  - TDD TTCN drafting will go for Rel 99 & Rel 4 together (3.84 + 1.28 Mcps)
  - Add ROHC PDCP test in TTCN Rel 4
- Ask T1 / T to request firmly at the next PCG / financial committee meeting
  - to ensure the funding next year,
- Remind PCG that T1/T expects ETSI MCC resources to be provided for the management of the test verification database, as previously agreed.
  - Estimated effort: 3 mm of an ETSI technical assistant