Technical Specification Group Services and System Aspects **TSGS#20(03)0356**
Meeting #20, Hämeenlinna, Finland, 09-12 June 2003

Source:	MCC (Adrian Scrase)
Title:	Report of Support Team activities
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Agenda Item:	10

1 Introduction

This report covers the period between TSG#19 and TSG#20 and contains detailed information concerning the implementation of TSG#19 results.

2 The Support Team

2.1 Departures and arrivals

There have been no departures or arrivals during this period.

As already reported during TSG#19, Lidia Salmeron will leave the team at the end of June (for maternity). She is not present at the TSG#20 meetings but already received a vote of thanks for her services during TSG#19.

Claus Dietze will return to his home company (Giesecke & Devrient) at the end of August. However, he will continue to provide support to WG T3 (and SCP) on a part time basis until the end of 2003. WG T3 should not experience any degradation in service. The future support to WG T3 is currently being considered within MCC.

2.2 Organization of MCC

The figure given below shows the allocation of resources to each entity within 3GPP and is a snapshot taken on 6 June 2003.

The current budgetary situation does not permit a replacement to be recruited to fill the vacancy created by Lidia Salmeron's departure. Alain Sultan has therefore been assigned to provide support to WG T1 on an interim basis. This does of course mean that he will have less time available for managing the work plan, but it is hoped that a reasonable level of service will be maintained.

TSG GERAN has now restructured into three Working Groups and this rationalization is reflected in the resources shown in the chart.

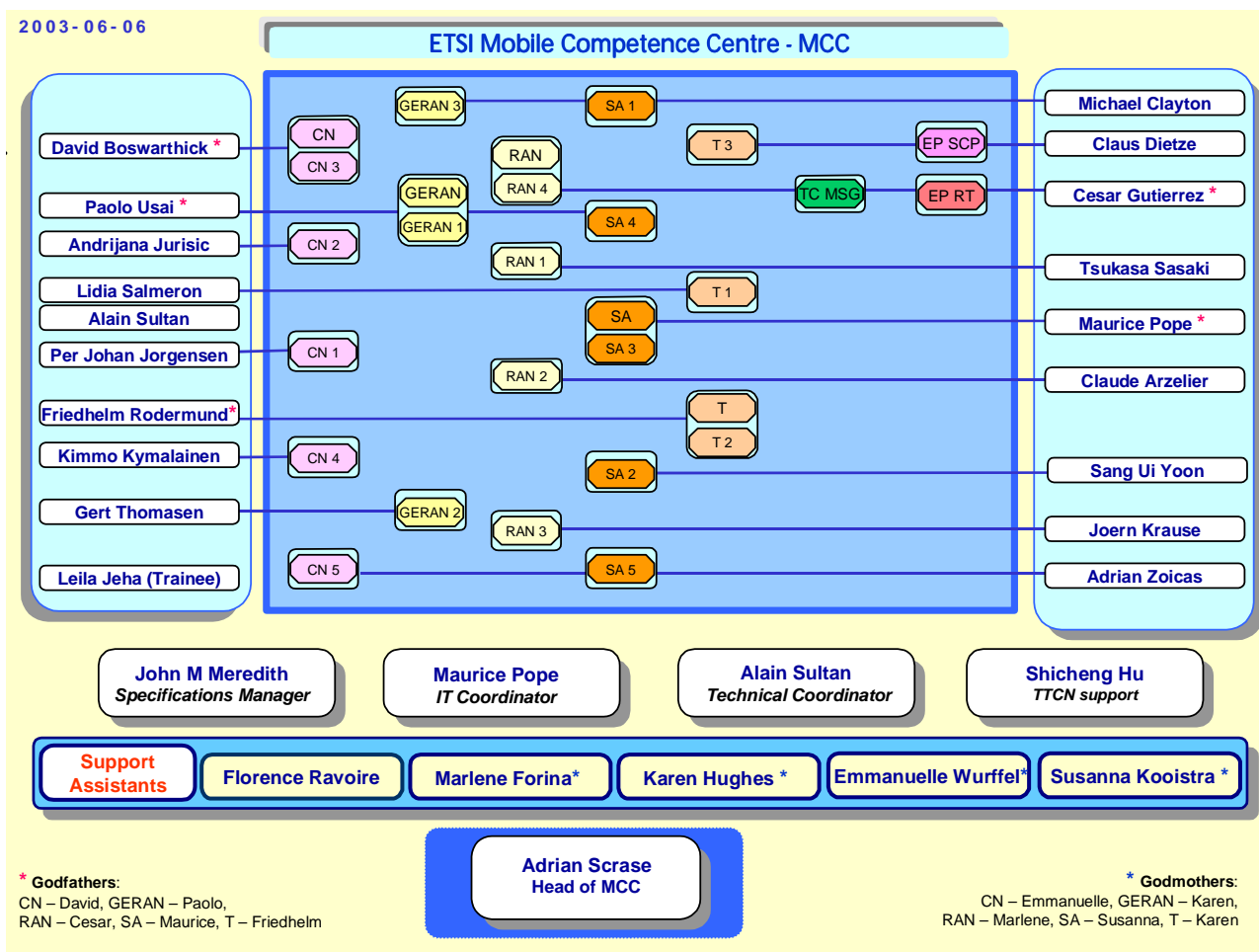This chart is regularly maintained and the latest version may always be obtained from the 3GPP website at http://www.3gpp.org/

ETSI Mobile Competence Centre - MCC

David Boswarthick * — CN / CN 3
Paolo Usai * — GERAN 3 — SA 1
Andrijana Jurisic — CN 2 — GERAN / GERAN 1
Lidia Salmeron
Alain Sultan — RAN / RAN 4 — SA 4 — T 3 — EP SCP
Per Johan Jorgensen — CN 1 — RAN 1 — TC MSG — EP RT
Friedhelm Rodermund* — T 1 — SA / SA 3
Kimmo Kymalainen — CN 4 — RAN 2 — T / T 2
Gert Thomasen — GERAN 2 — SA 2
Leila Jeha (Trainee) — CN 5 — RAN 3 — SA 5

Michael Clayton
Claus Dietze
Cesar Gutierrez *
Tsukasa Sasaki
Maurice Pope *
Claude Arzelier
Sang Ui Yoon
Joern Krause
Adrian Zoicas

John M Meredith
Specifications Manager

Maurice Pope
IT Coordinator

Alain Sultan
Technical Coordinator

Shicheng Hu
TTCN support

Support Assistants | **Florence Ravoire** | **Marlene Forina*** | **Karen Hughes *** | **Emmanuelle Wurffel*** | **Susanna Kooistra ***

Adrian Scrase
Head of MCC

* Godfathers:
CN – David, GERAN – Paolo,
RAN – Cesar, SA – Maurice, T – Friedhelm

* Godmothers:
CN – Emmanuelle, GERAN – Karen,
RAN – Marlene, SA – Susanna, T – Karen

Figure 1:   MCC Organizational Chart

3   Statistics and targets

3.1   Interesting statistics

At the start of TSG#20, MCC were managing **2607** active specifications. The distribution of those specifications looks as follows:

CLASSIFICATION	NUMBER OF ACTIVE SPECS
Phase 2	183
Release 96	201
Release 97	219
Release 98	281
Release 99	441
Release 4	517
Release 5	569
Release 6	194
Release 7	2
TOTAL SPECIFICATIONS	**2607**

It is expected that approximately **300** new versions of specifications will result from TSG#20.

The table below shows the number of approved change requests for these specifications across the different 3GPP Releases as at the start of TSG#20.

CLASSIFICATION	CRs in 1999	CRs in 2000	CRs in 2001	CRs in 2002	CRs in 2003	TOTAL
Rel 99 Specifications	1408	4400	2266	1004	157	9235
Rel-4 Specifications		374	2807	1901	247	5329
Rel-5 Specifications		27	620	3281	903	4831
Rel 6 Specifications				171	231	402
TOTAL	**1408**	**4801**	**5693**	**6357**	**1538**	**19347**

It is expected that approximately **1000 CRs** will have been approved during the TSG#20 session.

3.2 MCC performance

An apparent degradation of service was reported during TSGs#18 and 19 where the subsequent production of specifications did not meet performance targets. It is now pleasing to report that performance has been restored to former levels .

The chart below shows the results obtained in the delivery of specifications following TSG#19. It can be seen that a total of 344 specifications were delivered after the TSG session and that 328 of them (95%) were delivered by the first deadline. A further 11 specifications (98%) were delivered by the second deadline. Only 5 specifications (less than 2%) were not delivered within the deadline. It is hoped that this performance level can be maintained for the future. The chart now includes the results of TSG GERAN meetings, giving a complete picture of performance.
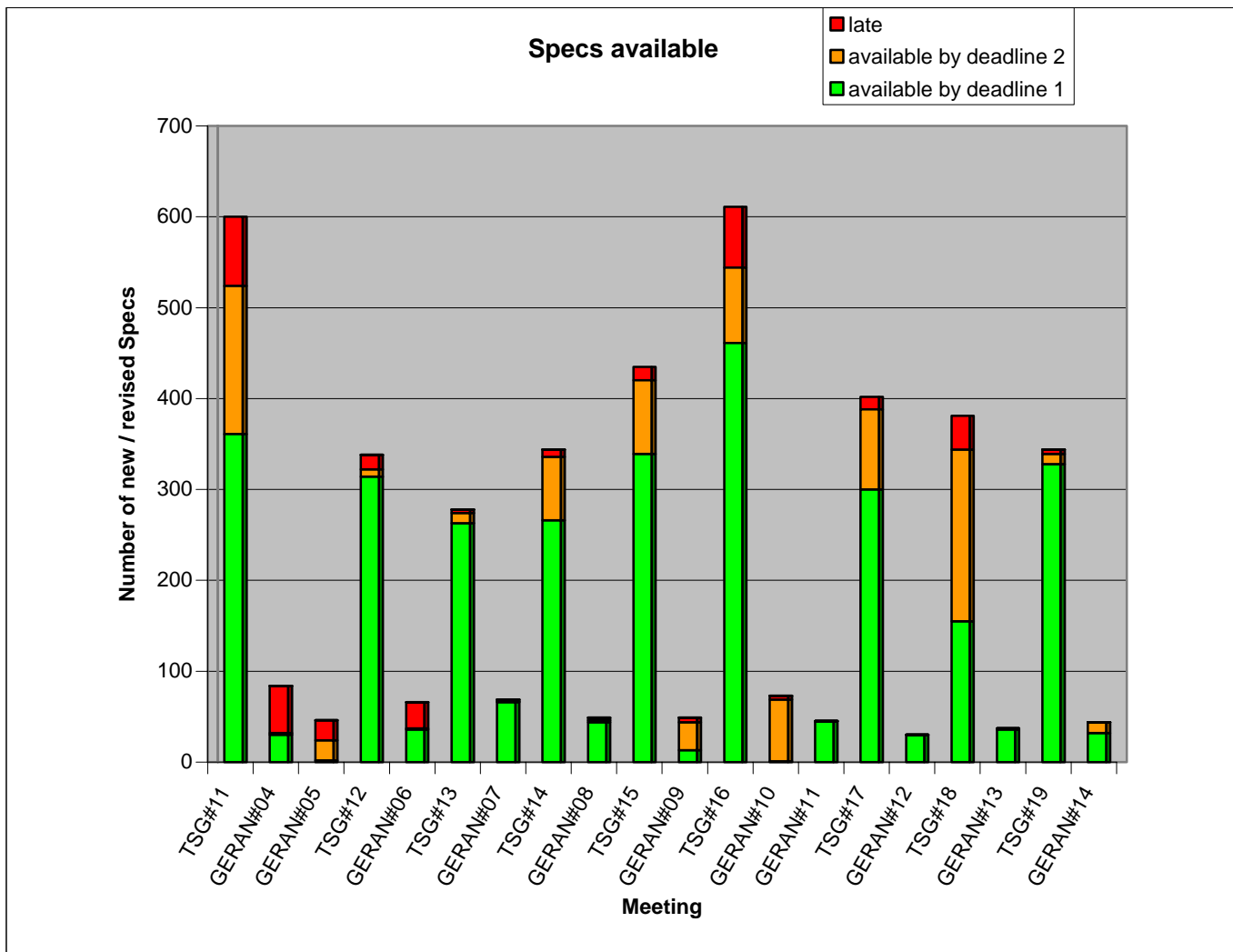
Figure 2:   MCC Performance

The chart below shows the error rate for the implementation of CRs. It is derived from the total number of CR implementation errors reported, divided by the total number of CRs approved at meetings since CR implementation error monitoring began. Both these numbers increase with time (since they are cumulative); the objective is to have a downwards-sloping curve, which will indicate that a progressively lower percentage of approved CRs are wrongly implemented. The date of an error is the date it is reported (and not the date the original CR was approved, and not the date the error was repaired).

It can be seen that the improvement in CR implementation performance has not been at the expense of accuracy since an error rate of less that 3 in 1000 (0,3%) has being maintained during this period.
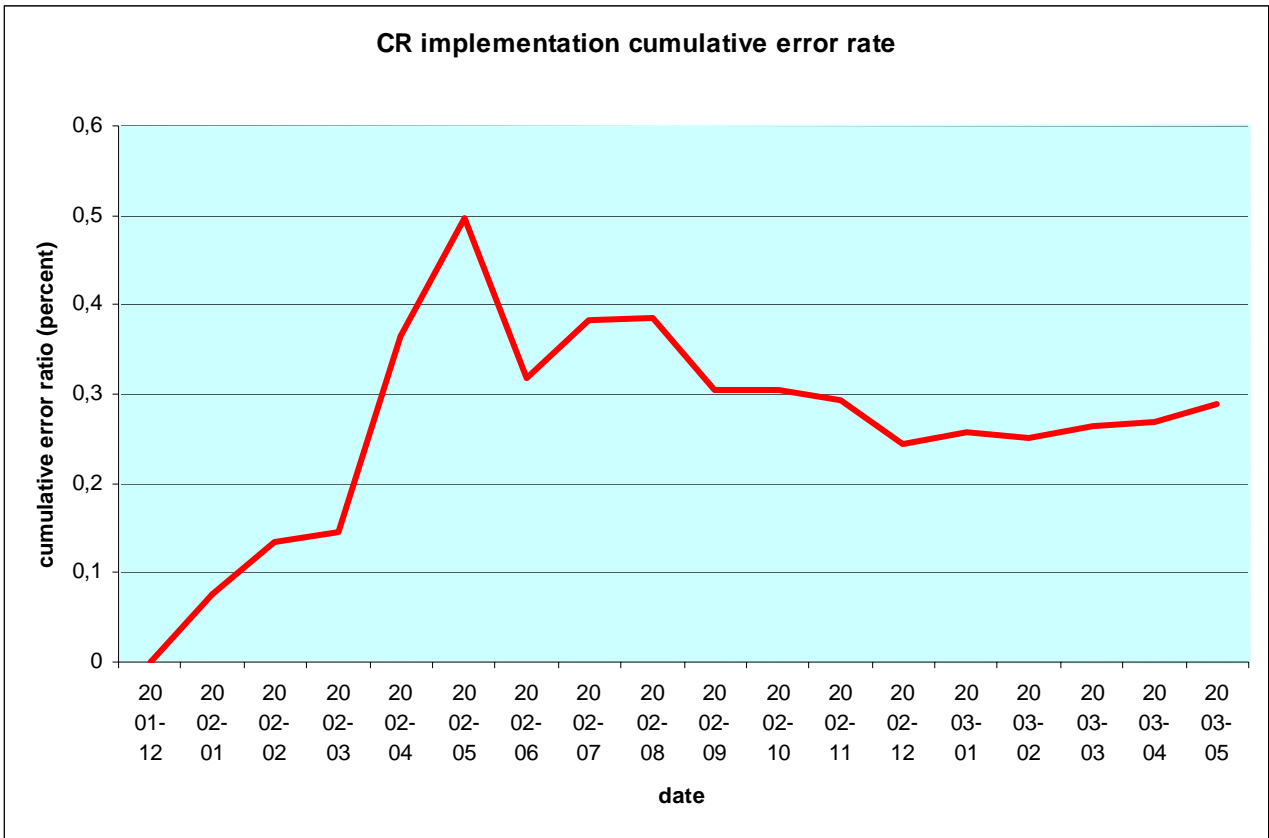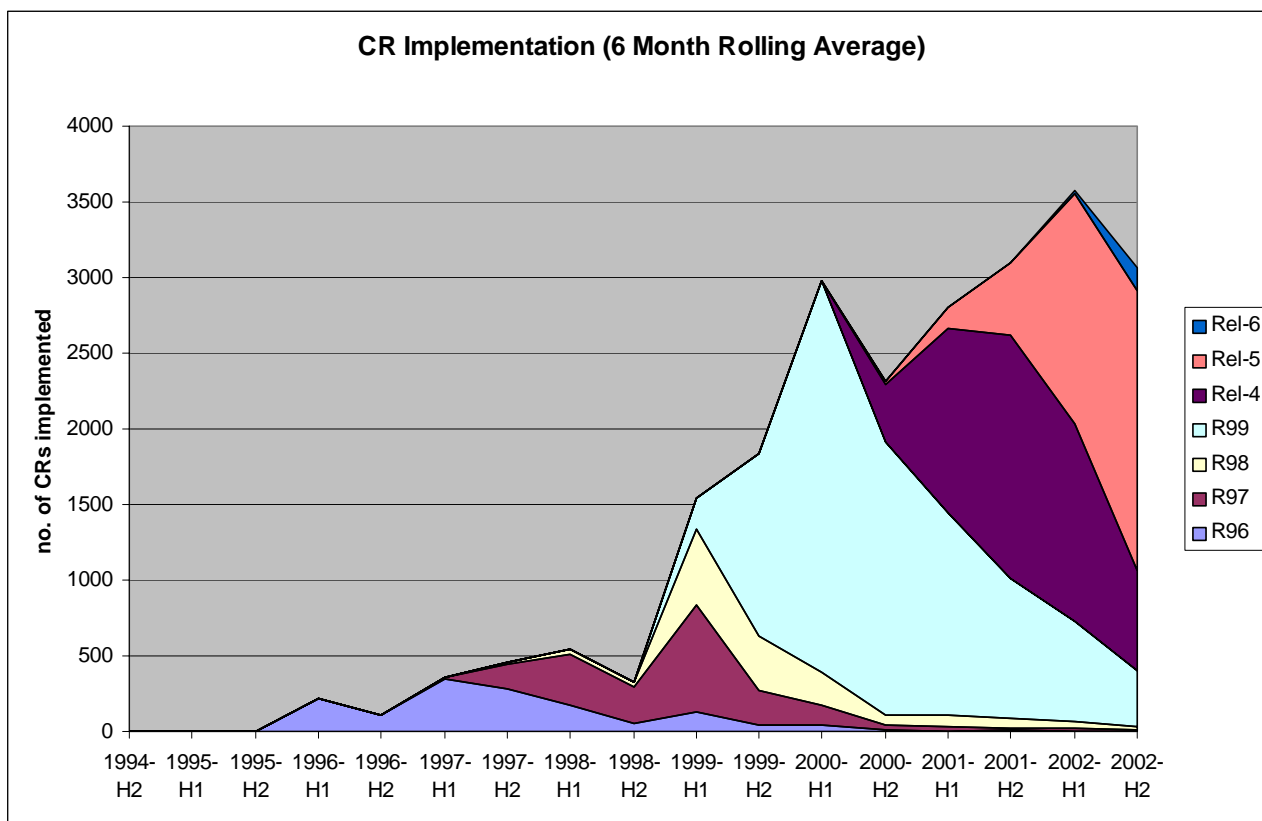
Figure 3:   CR implementation error rate

4   MCC Workload

4.1   Change Requests

The chart below shows the rolling average of the number of Change Requests per Release and has led in quite some discussion at previous TSG meetings. No new observations are made on this occasion.

CR Implementation (6 Month Rolling Average)

no. of CRs implemented

■	Rel-6
■	Rel-5
■	Rel-4
■	R99
■	R98
■	R97
■	R96

5   Budget restrictions

As reported to TSG#19, the budget set for 2002 will require a reduction in available resources. With this in mind it will be necessary to reallocate the resources to some Working Groups but this will of course be done in a methodical and carefully planned manner.

The PCG has held a discussion on methods to reduce the cost of 3GPP (not just for MCC but for industry as a whole) and the conclusion that Working Groups should only hold one meeting between each TSG session is very helpful in this respect.

The commitment made by CN WGs 2 and 4 to merge by mid 2004 is also welcomed, as this will enable the reduced MCC budget to be used to better effect. In a similar manner, the reorganization of GERAN Working Groups will result in lower cost for MCC.

6   Improvement actions

The results of the Chairmen's Satisfaction Survey were reported at length during TSG#19 and this led to a number of improvement actions. These actions are being progressed and the detailed results will be presented at TSG#21.

7   Concluding remarks.

Some changes will need to be made to the support arrangements for 3GPP Working Groups. These changes will be made in consultation with the relevant Chairmen, and care will always be taken to ensure minimum disruption to 3GPP members.

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