

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

## **1 Introduction**

This report covers the period between TSG#18 and TSG#19 and contains detailed information concerning the implementation of TSG#18 results together with year statistics for year 2002.

## **2 The Support Team**

### **2.1 Departures and arrivals**

There has been one addition to MCC during this period in the form of Leila Jeha, a University student, who will spend six months with us as part of her degree course. If you take part in a meeting at the ETSI Headquarters in Sophia Antipolis you may encounter Leila. The picture given below may help you to identify her.



*Leila Juha*

You may recall that from last August that Susanna Kooistra has been on maternity leave. I am pleased to report that she returned to work on 5 March and has now resumed her work within MCC. No replacement was sought during her period of absence and this resulted in an increased workload for the rest of the team. They are of course pleased to have her back and to know that mother and baby are doing well.



*Baby Chloe*



*Mum*

There have been no departures during this period but one departure will take place before our next TSG session. Lidia Salmeron (pictured below) will leave in the near future to start a new career as a mother! Lidia has worked within MCC (and other related activities) for some considerable time now and TSG T WG1 has profited from her support in recent years. Lidia will continue to work in the office for a few months and will support the next T1 meeting, but she will not be present at the next TSG session. Of course we wish her well for the future.

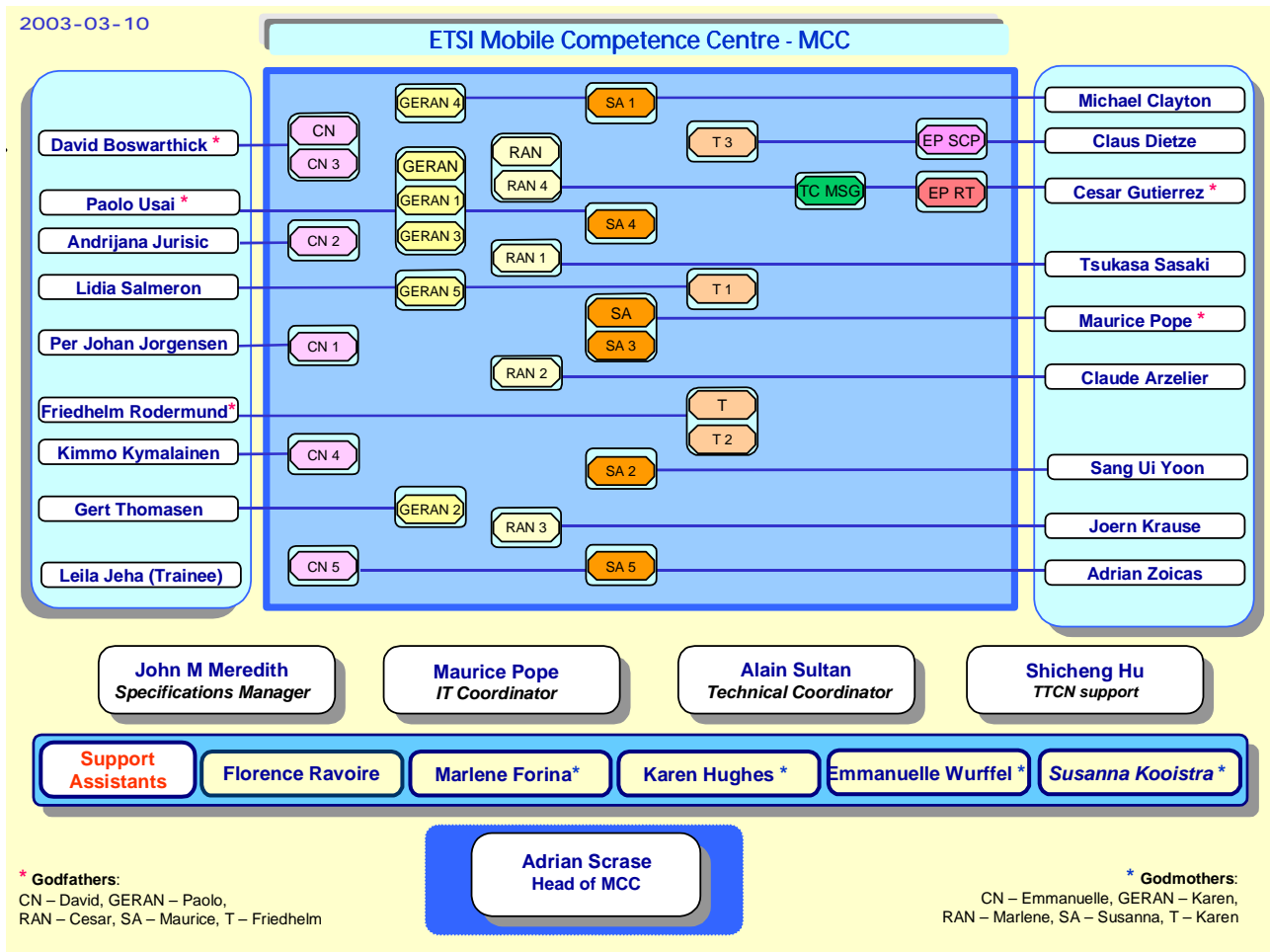


*Lidia Salmeron*

## **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 10 March 2003.

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



**Figure 1: MCC Organizational Chart**

### 3 Statistics and targets

#### 3.1 Interesting statistics

At the start of TSG#19, MCC were managing **2549** active specifications. The distribution of those specifications looks as follows:

CLASSIFICATION	NUMBER OF ACTIVE SPECS
Phase 2	182
Release 96	200
Release 97	218
Release 98	280
Release 99	443
Release 4	520
Release 5	578
Release 6	128
<b>TOTAL SPECIFICATIONS</b>	<b>2549</b>

It is expected that approximately **350** new versions of specifications will result from TSG#19.

The table below shows the number of approved change requests for these specifications across the different 3GPP Releases as at the start of TSG#19.

CLASSIFICATION	CRs in 1999	CRs in 2000	CRs in 2001	CRs in 2002	TOTAL
Rel 99 Specifications	1408	4400	2266	1004	<b>9078</b>
Rel-4 Specifications		374	2807	1901	<b>5082</b>
Rel-5 Specifications		27	620	3281	<b>3928</b>
Rel 6 Specifications				171	<b>171</b>
<b>TOTAL</b>	<b>1408</b>	<b>4801</b>	<b>5693</b>	<b>6357</b>	<b>18259</b>

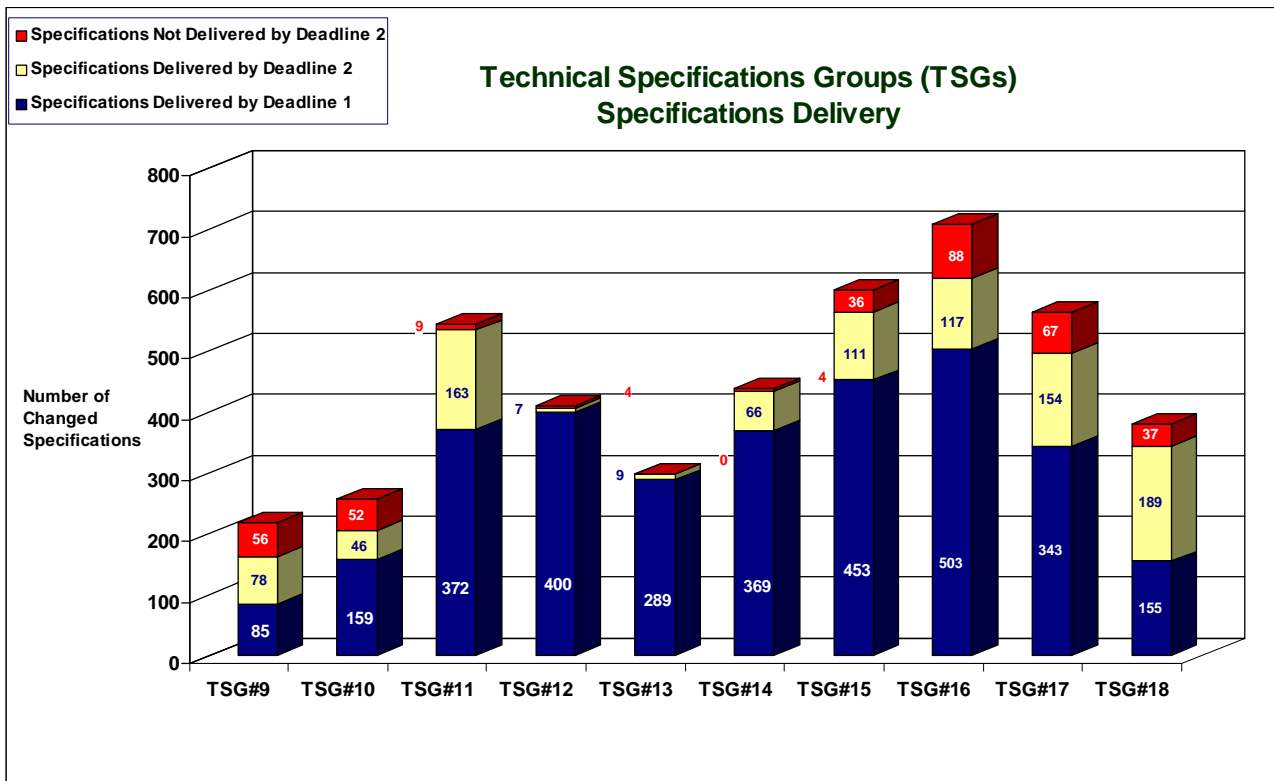
It is expected that approximately **1150 CRs** will have been approved during the TSG#19 session.

### 3.2 MCC performance

MCC continues to monitor the time taken for the implementation of change requests following each TSG session and measures that performance against defined targets. The performance is reported to every TSG SA meeting.

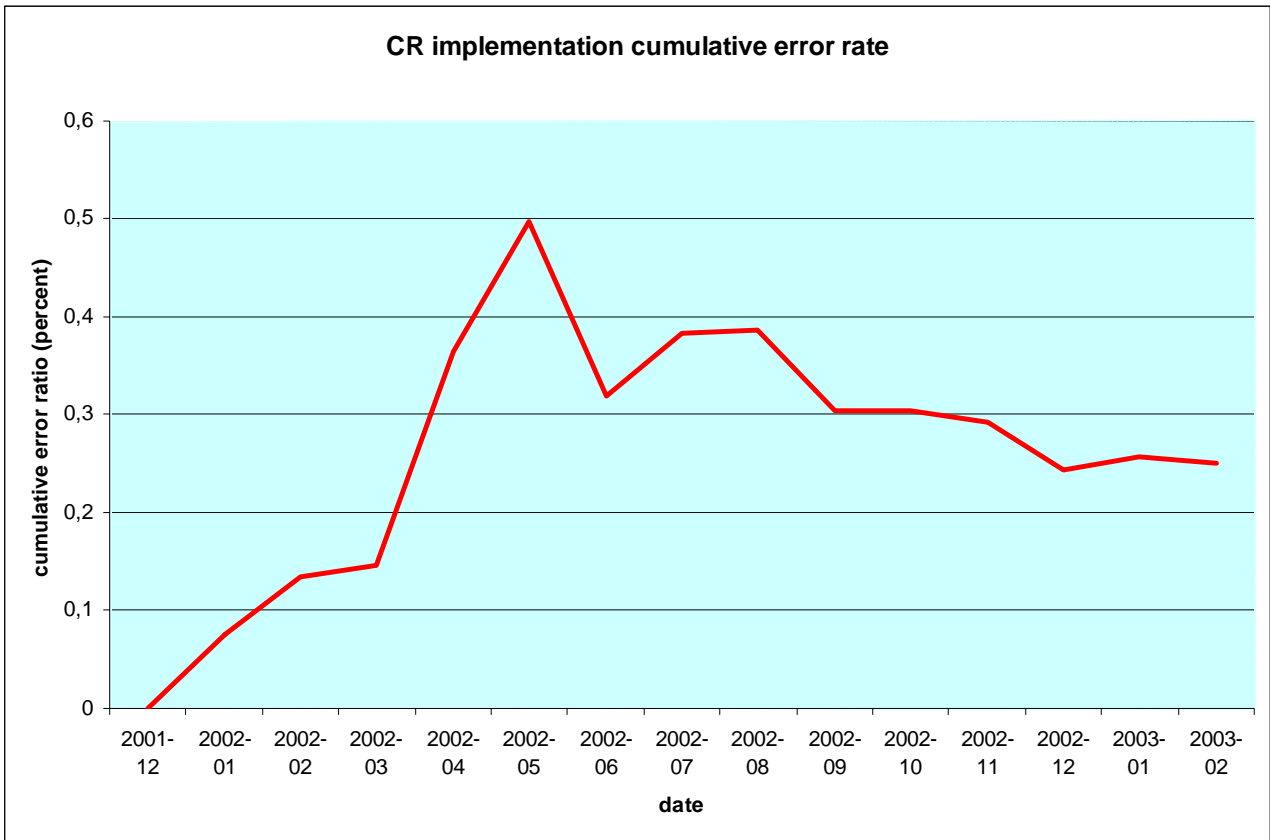
The chart below shows the results obtained in the delivery of specifications following TSG#19. It can be seen that a total of 381 specifications were delivered after the TSG session and that 155 of them (40%) were delivered by the first deadline. A further 189 specifications (50%) were delivered by the second deadline specifications (10%) were not delivered within the deadline.

The chart indicates that MCC performance is not as good as in the past and some measures may be needed to improve the performance. It may be that the Christmas holidays interfered with work but this does not fully account for the results. Whatever the reason, efforts will be made to lift performance to the levels experienced previously.



**Figure 2: MCC Performance**

And now the good news! Although the performance seems to have tailed off in terms of volume, the accuracy of the work has not. From the start of monitoring (TSG#14) until the start of TSG#19, 7961 change requests had been implemented by MCC. 31 implementation errors have been detected representing an overall error rate of better than 0,4%, or 4 errors in 1000 implementations. The chart below shows how the error rate has changed with time and it can be seen that the rate shows an improving trend.



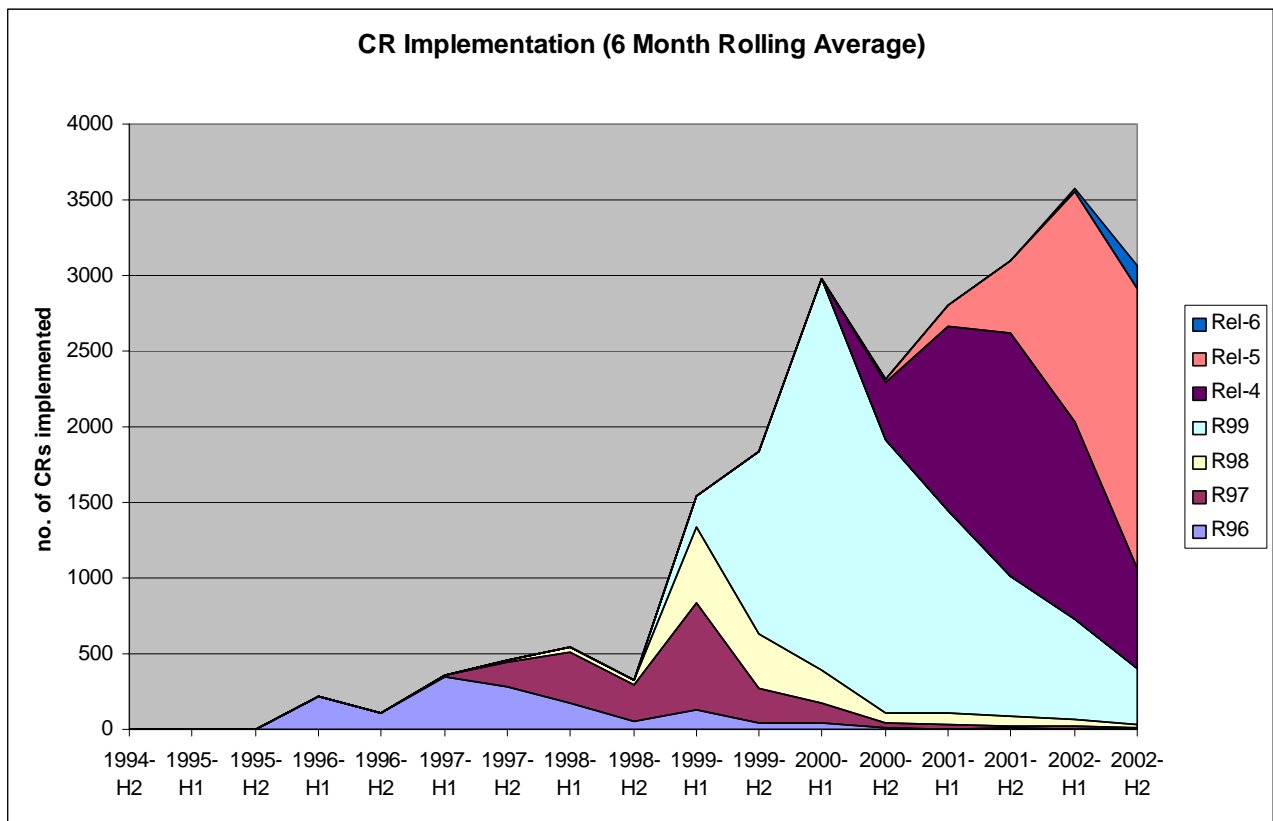
**Figure 3: CR implementation error rate**

## 4 MCC Workload

### 4.1 Change Requests

At previous TSG SA meetings a detailed analysis of Change Request trends has been reported in order to determine the workload of MCC. The same data can also be used to determine the stability of each Release and it is now clear that Release '99 and Release '4 are "stable" in so much as the number of Change Requests to those Releases has fallen considerably.

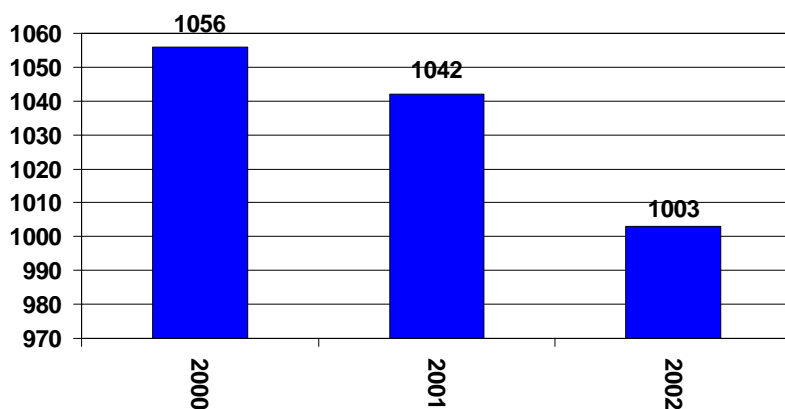
The chart below shows the rolling average of the number of Change Requests per Release and a pattern can be seen that repeats itself after the functional freezing of each Release. It is expected that at the point in time where Release 6 is functionally frozen future Releases will follow the same pattern, at least as long as our working practices remain the same.



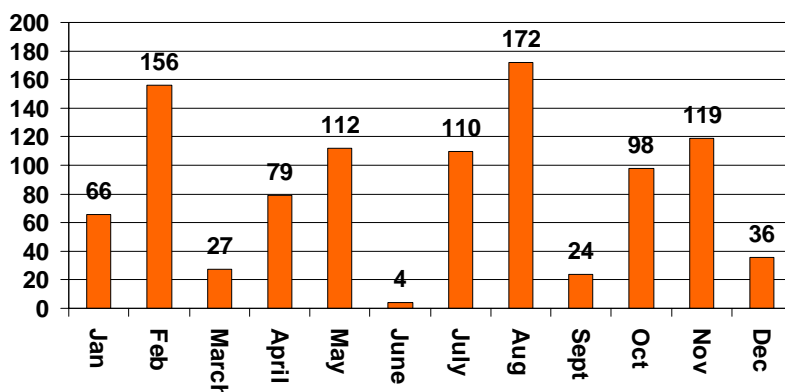
## 4.2 Liaison Statements

One of the functions performed by MCC is the processing of liaison statements, from receipt to delivery. The function is performed centrally within MCC and at times the volume of Liaison Statements received can be very high. It is of course necessary to despatch liaison statements in a timely fashion and the target set within MCC is that they should be processed within 24 hours of receipt. Some comments were received during the recent Chairmen's Satisfaction Survey on the visibility of the process and an improvement action has already begun in that direction. However, the two charts below may be of interest to 3GPP delegates since they give some explanation of the size of the task. It can be seen that the number of Liaison Statements has shown a slightly decreasing trend over the last three years but the annual rate is still in excess of 1000 per year. When considering the distribution over year 2002 it can be seen that the work is not evenly distributed (which is hardly surprising) and this of course gives rise to periods of peak traffic.

### Liaison Statements processed by MCC



### Liaison Statements processed per month – 2002



## 5 Budget restrictions

The 3GPP budget has been the subject of much discussion in recent months and inevitably the discussion concerns budget reductions. The budget for 2003 has now been prepared by the 3GPP Funding and Finance Group and will be presented for approval by the Partners in April. The consequences of the budget are that the current composition of MCC **cannot** be maintained for the year. Two MCC experts are already expected to leave the team by the middle of the year and they will **not** (or rather cannot) be replaced. This will undoubtedly result in reduced service though it is still hoped that all working groups will continue to receive dedicated support. Discussions are already underway to provide an orientation for the 2004 budget and the indications are that there will be a further reduction in manpower.

The reduction in available manpower emphasises the importance of the TSGs themselves looking for the most efficient internal structure, since the support demand is directly linked to the number of entities to be



supported. The TSG Chairmen have already been involved in this discussion but it is anticipated that a more detailed discussion will take place at the forthcoming Project Coordination Group (PCG) meeting that will take place in April.

The 3GPP community as a whole has the right to determine how much is invested in the provision of support to the Technical Specification Groups and MCC will always work within the prescribed budget. I will provide further information on any developments to the next TSG SA meeting.

## **6 Chairmen's Satisfaction Survey**

MCC has conducted a Satisfaction Survey among the TSG and WG Chairmen and Vice Chairmen and the results of that survey are now available. They are contained in a separate document to this meeting (SP-030187).

## **7 Concluding remarks.**

Budget reductions will continue to dominate the landscape for the coming months and changes will be necessary within MCC. The volume of work shows little sign of reducing and with less manpower there will certainly be an impact on MCC experts themselves. I hope that MCC can continue to deliver a dependable and professional service but also that 3GPP members will understand when service levels need to be reduced.

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