

**Source: MCC**

**Title: Report of MCC Activities since PCG#11**

**Agenda item: 7.1**

**Document for:**

Decision	
Discussion	
Information	<b>X</b>

## **1 Introduction**

This report covers the period between PCG#11 and PCG#12, contains detailed information concerning the implementation of TSG#21 and TSG#22 results, and 2003 year end statistics.

## **2 The Support Team**

### **2.1 Departures and arrivals**

**Claus Dietze** has now returned to his home company (Giesecke & Devrient). This vacant post will not be filled, but Claus' workload was taken over by Andrijana Jurisic, with effect from 1 Jan 2004.

**Joern Krause** has also returned to his home company (Siemens AG) at the end of 2003. A calling notice was issued for this vacancy and a suitable replacement is already in post.

**Juergen Caldenhoven** (Vodafone Germany) has now taken over the role of supporting RAN3. His photograph is given below for ease of identification. The transfer of responsibility for RAN3 support seems to have gone smoothly and has hopefully not resulted in any of loss of service to RAN3 during the transition period.



**Marlène Forina**, who is well known to many of you as one of the MCC support assistants, has also left the team (but continues to work in ETSI). This vacant post will not be filled, but Marlène's tasks have been distributed among the remaining assistants.

A graduate student has also joined MCC to complete her placement in Industry. Priya Kakkad, whose photograph is given below, will remain with MCC until June 2004 and will assist in the administration of 3GPP.



## 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 17 February 2004. This chart reflects the latest changes that have taken place within MCC.

It should be noted that **John Meredith** has grown a new title “Team Leader” which reflects an internal change in the way the MCC Staff and Contractors are managed. Whilst this means that John will take on more of the day-to-day running of MCC, this change should be of no consequence to the TSGs. **Adrian Scrase** will continue as Head of MCC but it is hoped that this will only occupy 50% of his time, the remaining 50% being spent on other duties within ETSI.

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

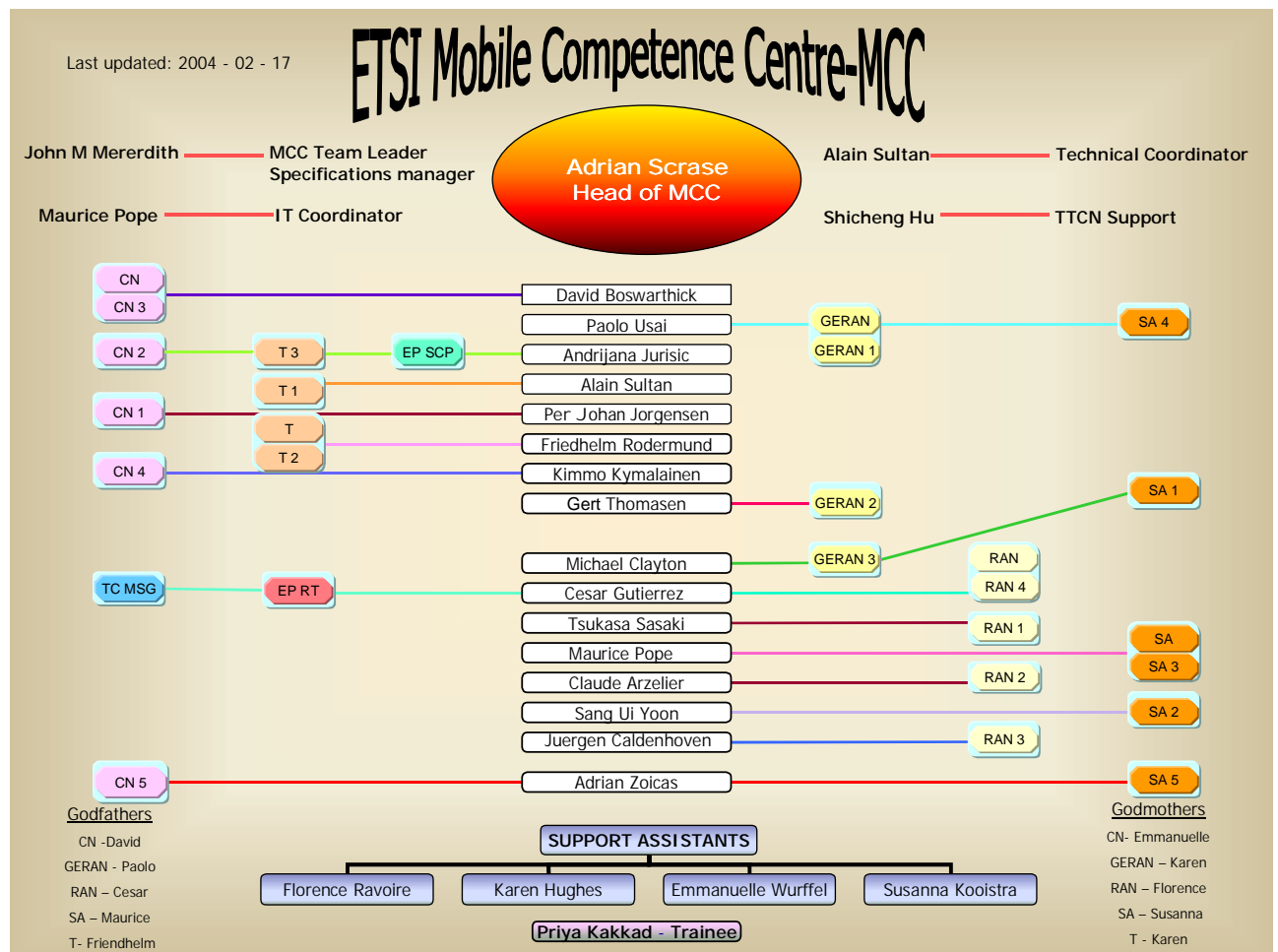


Figure 1: MCC Organizational Chart

### 3 Statistics and targets

#### 3.1 Interesting statistics

By the end of 2003, MCC were managing approximately **2900** active specifications. The distribution of those specifications looks as follows:

<b>CLASSIFICATION</b>	<b>NUMBER OF ACTIVE SPECS</b>
Phase1	121
Phase 2	183
Release 96	201
Release 97	219
Release 98	281
Release 99	439
Release 4	511
Release 5	566
Release 6	383
Release 7	1
<b>TOTAL SPECIFICATIONS</b>	<b>2905</b>

In addition, approximately **200** new versions of specifications resulted from the recent TSG meetings.

The table and chart below shows the number of approved change requests for these specifications across the different 3GPP Releases from 1999 until 2003 year end. In addition, approximately **1000 CRs** were approved during the recent TSG session.

CLASSIFICATION	CRs in 1999	CRs in 2000	CRs in 2001	CRs in 2002	CRs in 2003	TOTAL
Rel 99 Specifications	1408	4400	2266	1004	581	9659
Rel-4 Specifications		374	2807	1901	690	5772
Rel-5 Specifications		27	620	3281	2840	6768
Rel 6 Specifications				171	1089	1260
Rel 7 Specifications					1	
<b>TOTAL</b>	<b>1408</b>	<b>4801</b>	<b>5693</b>	<b>6357</b>	<b>5200</b>	<b>23459</b>

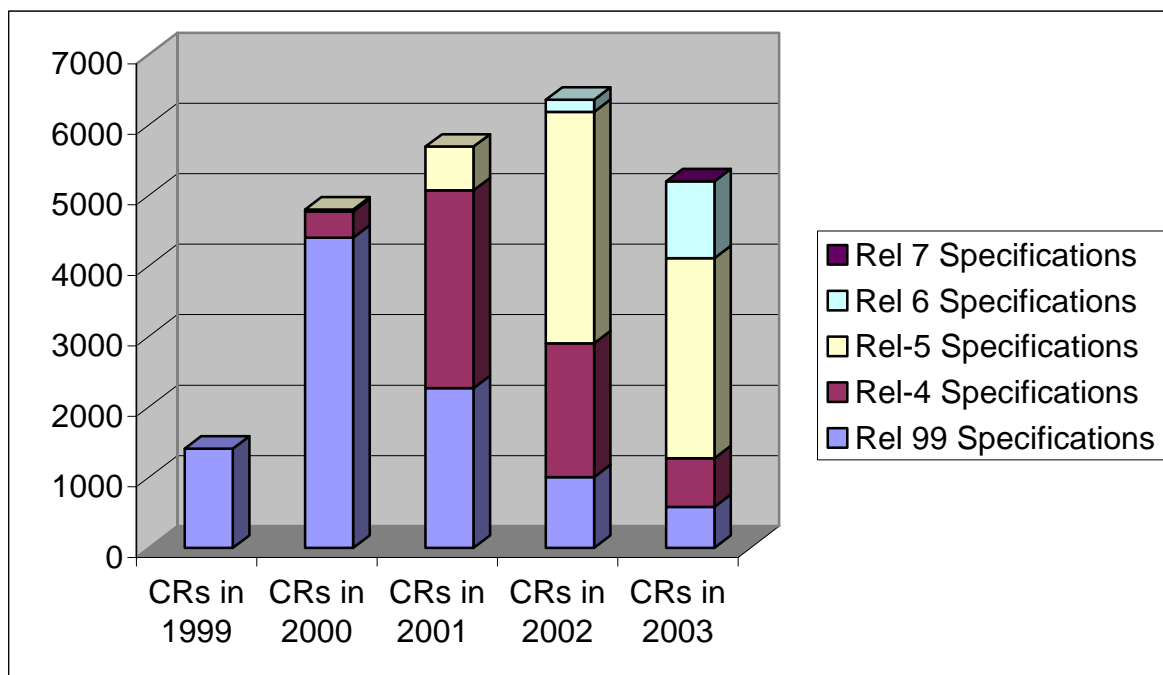
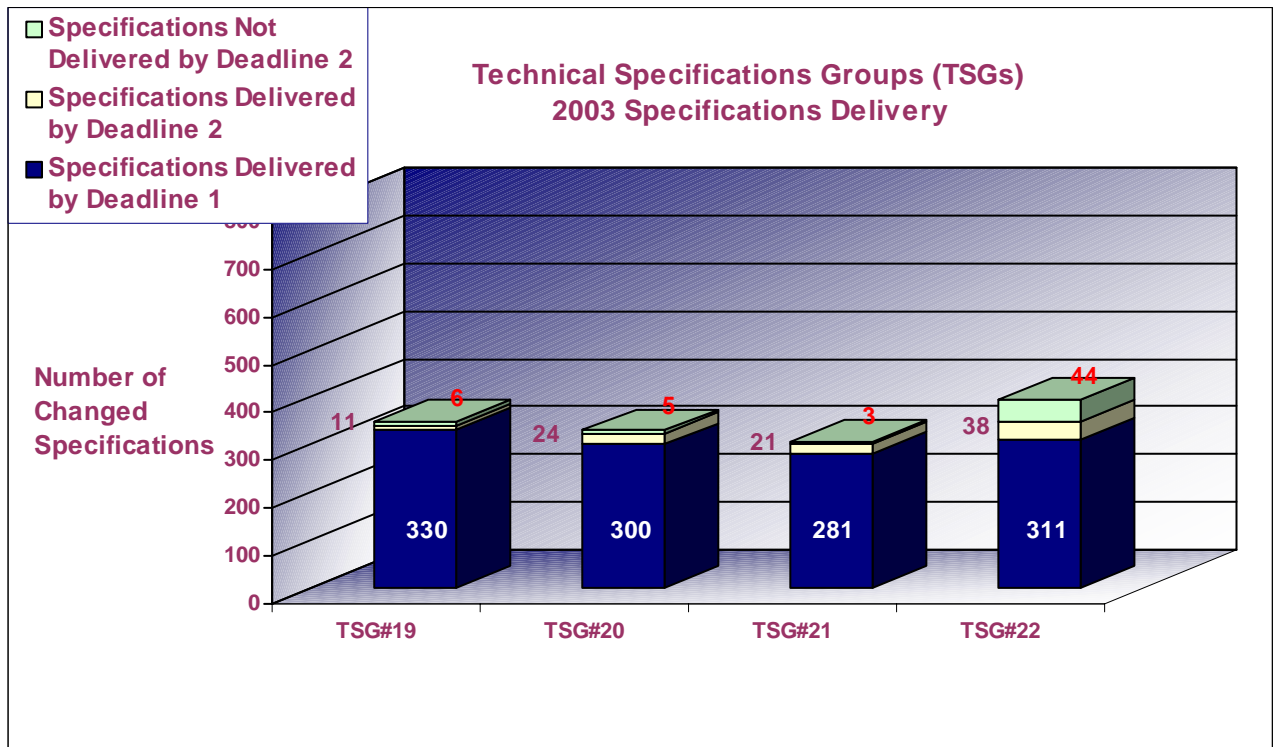


Figure 2: 3GPP CR evolution from 1999 to 2003

### 3.2 MCC performance

The chart below shows the results obtained in the delivery of specifications following TSG#22 and compares that to the results obtained since TSG#19. It can be seen that a total of 393 specifications were delivered after the TSG session and that 311 of them (79%) were delivered by the first deadline. A further 38 specifications (89%) were delivered by the second deadline. 44 specifications (less than 11%) were not delivered within the deadline. This performance was not as good as would be hoped. It is true that a larger number of specifications needed to be prepared on this occasion but for a number

of different reasons the target dates were missed by a few days. It is hoped that this slight degradation in performance did not cause major disruption and that the performance may return to normal for the rest of 2004.



**Figure 3: MCC Performance following TSG#19 and 20**

The chart below shows the cumulative error rate for the implementation of CRs. Whilst the delivery of specifications was not quite as would have been liked it can be seen that the error rate has remained constant at approximately 3 errors in 1000 implementations (0,3%).

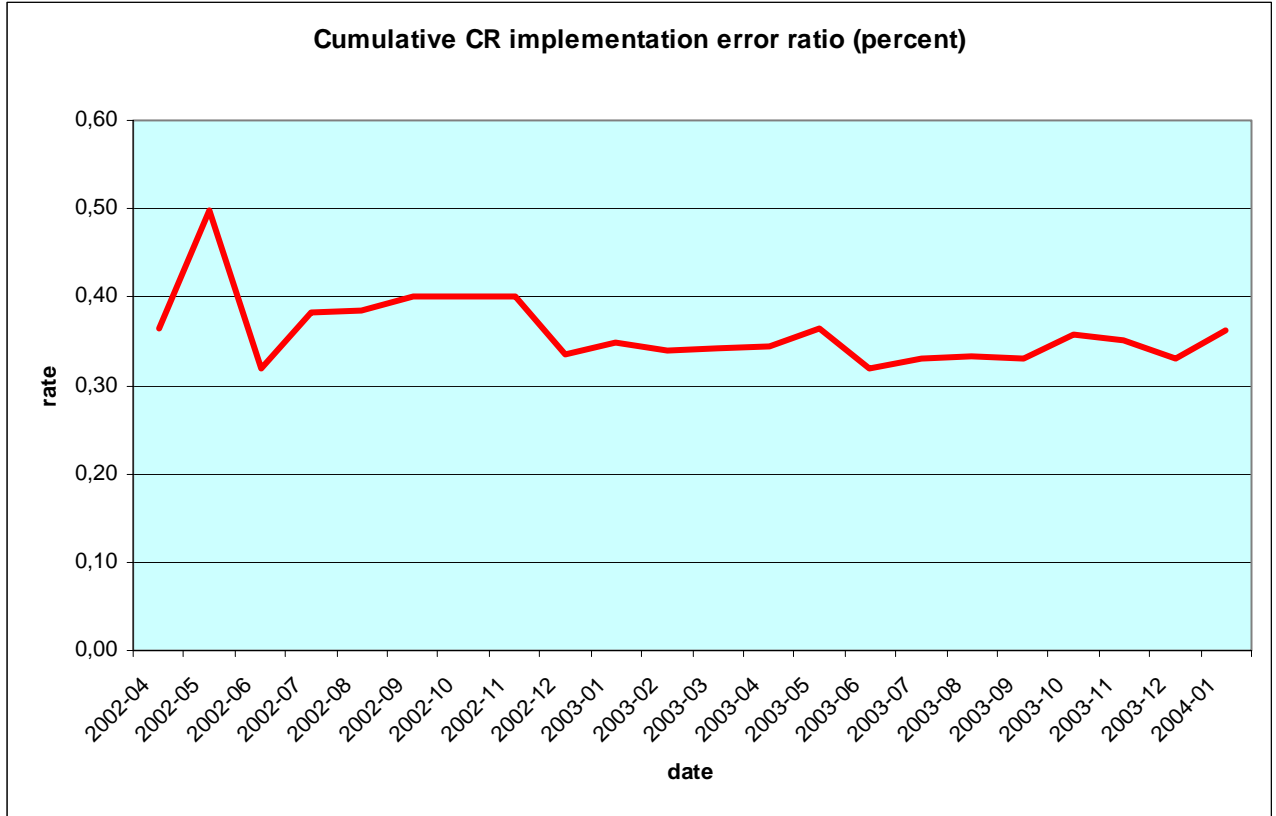


Figure 4: CR implementation error rate

## 4 Release Stability

### 4.1 Change Requests

The charts below show the rolling average of the number of Change Requests per Release but excludes Category A (mirror) CR's. The charts show the continued reduction in the number of CRs for Release 99, Release 4 and Release 5 which implies an increased level of stability, but of course it is expected that Release 6 CRs will rise to a peak soon after the functional freezing of that release when the related specifications are placed under change control.

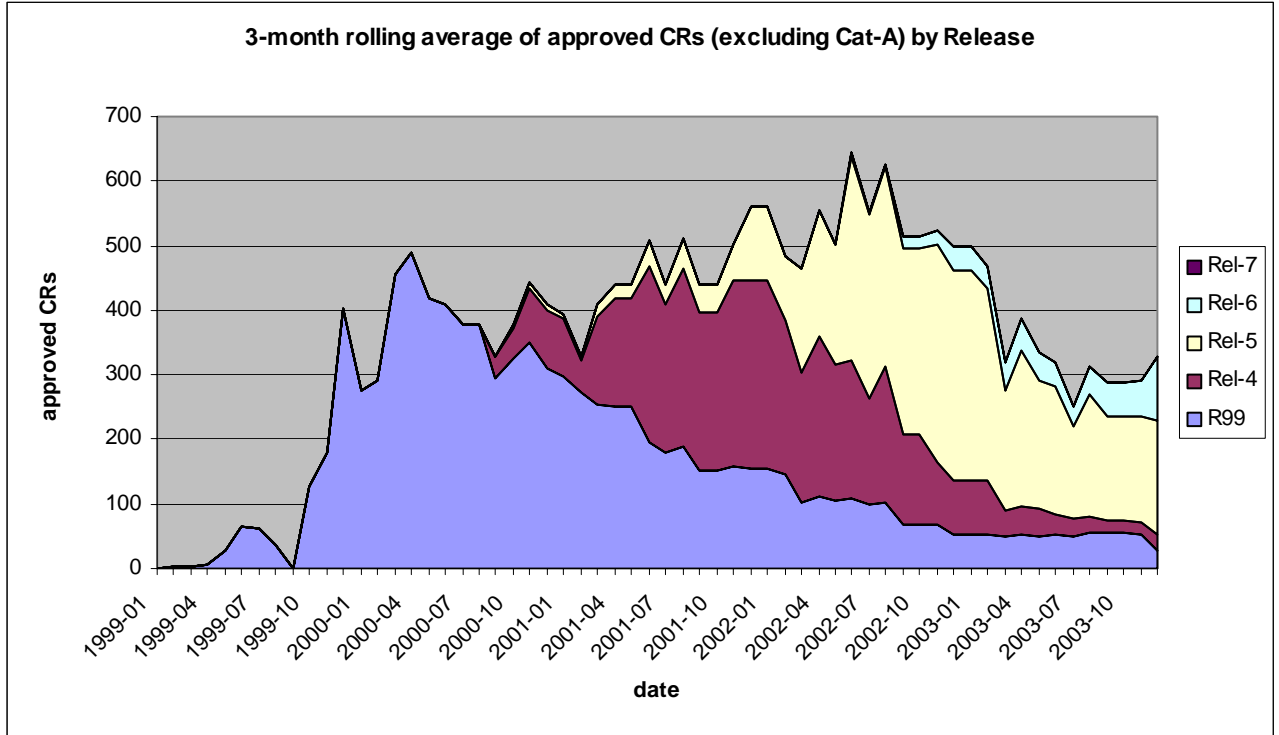


Figure 5: CR statistics (cumulative)

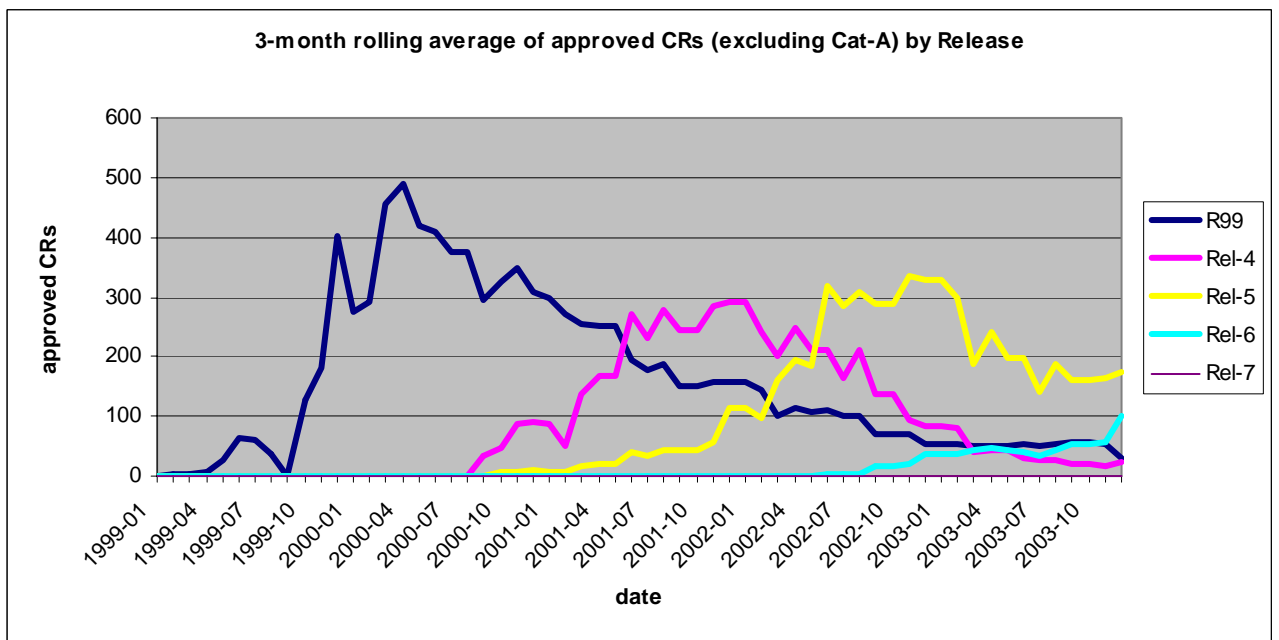


Figure 6: CR statistics



## 5 2004 Budget and Working Group support in 2004

The 2004 Support Budget for 3GPP was approved by the Partners during their meeting which took place on 1-2 October, as reproduced below:

Budget Line	2004 allocation
MCC Staff	970
Additional support staff	150
MCC Contractors	1695
Travel and subsistence	600
Overheads	1660
Contingency	200
<b>Total</b>	<b>5275 kEUR</b>

The Budget implies a reduction in resources which has been realised by recent departures and hence the size of the team in 2004 will be two experts, one assistant, and 0,5 Officers less than in 2003. This will of course place additional work on the shoulders that remain. In addition, the Travel and Subsistence budget has been reduced by approximately 25%.

The decision has already been made that Working Groups should ideally only hold one meeting between each TSG session and that MCC support can only be guaranteed on that basis. It is clear that a number of Working Groups are planning to hold more than 4 WG meetings in 2004 and this will place strain on the available human resources. The demand for meeting support has been established during the TSG sessions and guidance has been provided from the TSG Chairman as to the relative priority of those demands. However, to date, and with the co-operation of the Chairmen involved, it has still been possible to support the majority of those additional meetings. A careful watch will be placed on the budget throughout the year to ensure that the large majority of meetings will be supported.

## 6 Release Feature Descriptions

Further to the completion of the Release 5 Features description document (available at

[ftp://ftp.3gpp.org//Information/WORK\\_PLAN/Description\\_Releases/Rel5\\_features\\_v\\_2003\\_09\\_09.zip](ftp://ftp.3gpp.org//Information/WORK_PLAN/Description_Releases/Rel5_features_v_2003_09_09.zip)),

a final version of the Release 99 Features description document has now been prepared. It is available as SP-040200. This document represents a considerable investment made by MCC since the retrospective description of Release 99 was by no means a simple task. Nevertheless, it is hoped that the result meets the expectations of 3GPP members.

Work has started on a similar descriptive document for Release 4 and the first draft is available as SP-040147. It is hoped that this work will be completed by the June 2004 TSG session.

## **7 Thanks!**

Thanks are expressed to Samsung (via Dr Park), who generously donated a consignment of mobile terminals for use by MCC personnel.

## **8 Concluding remarks.**

There are a number of challenges that lay ahead for 2004.

The manner in which 3GPP works with external bodies will be a focus of attention during the year, and conclusions will need to be drawn in respect of the co-operation with bodies such as OMA and Liberty Alliance. Whilst the discussion will be centred at the PCG and OP level, it will be necessary for the TSGs to enact those decisions with the assistance of MCC.

There will be a number of changes throughout the year to the composition of MCC. Further departures are expected and it will be necessary to seek and train suitable replacements. It is of course hoped that this process will not cause any disruption to service delivery and with the co-operation of the elected leaders I am confident that this will be the case.

Although 2004 has only just begun, it is already necessary to consider an outline budget for 2005. The support budget is very much dependent on the structure of 3GPP and some forward planning is needed to ensure that an appropriate budget is established for 2005. This, in turn, is dependant on 3GPPs plans for Release 7 and onwards and some orientation will be needed throughout the year in this respect.

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