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#22 and TSG#23, contains detailed information concerning the implementation of TSG#22 results and 2003 year end statistics.

2 The Support Team

2.1 Departures and arrivals

TSG#22 was informed of the planned departure of **Joern Krause.** Joern, who had supported RAN3, has now returned to his home company (Siemens AG).

Following an open Call for Candidates, Joern's successor has now been selected and is already in post. Juergen Caldenhoven (Vodafone Germany) has now taken over the role of supporting RAN3 and has already attended his first meeting. He has also attended this TSG session so many of you will already have had the chance to meet him. For those who haven't, his photograph is given below. 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.
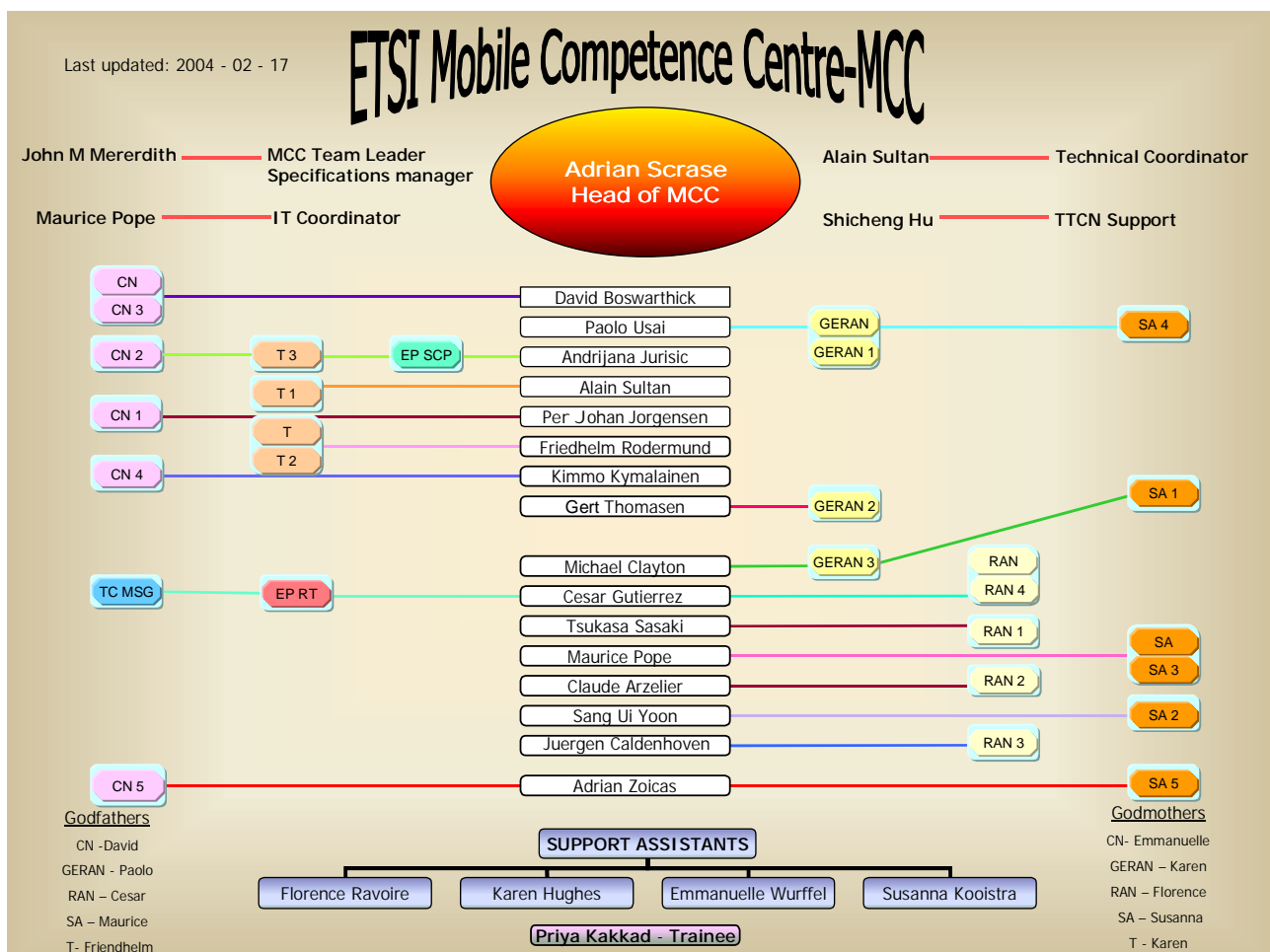

A graduate student has also joined MCC to complete her placement in Industry. Priya Kakkad, whose photograph is given below, will remain with MCC until June 2004 and will assist in the administration of 3GPP.

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

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

Last updated: 2004 - 02 - 17

ETSI Mobile Competence Centre-MCC

Adrian Scrase
Head of MCC

John M Mererdith — MCC Team Leader / Specifications manager

Maurice Pope — IT Coordinator

Alain Sultan — Technical Coordinator

Shicheng Hu — TTCN Support

CN / CN 3 — David Boswarthick

Paolo Usai — GERAN / GERAN 1 — SA 4

CN 2 — T 3 — EP SCP — Andrijana Jurisic

T 1 — Alain Sultan

CN 1 — Per Johan Jorgensen

T — Friedhelm Rodermund

CN 4 — T 2 — Kimmo Kymalainen

Gert Thomasen — GERAN 2 — SA 1

Michael Clayton — GERAN 3 — RAN / RAN 4

TC MSG — EP RT — Cesar Gutierrez

Tsukasa Sasaki — RAN 1 — SA / SA 3

Maurice Pope

Claude Arzelier — RAN 2

Sang Ui Yoon — SA 2

Juergen Caldenhoven — RAN 3

CN 5 — Adrian Zoicas — SA 5

SUPPORT ASSISTANTS

Florence Ravoire | Karen Hughes | Emmanuelle Wurffel | Susanna Kooistra

Priya Kakkad - Trainee

Godfathers
CN - David
GERAN - Paolo
RAN – Cesar
SA – Maurice
T- Friendhelm

Godmothers
CN- Emmanuelle
GERAN – Karen
RAN – Florence
SA – Susanna
T - Karen

Figure 1:   MCC Organizational Chart

3   Statistics and targets

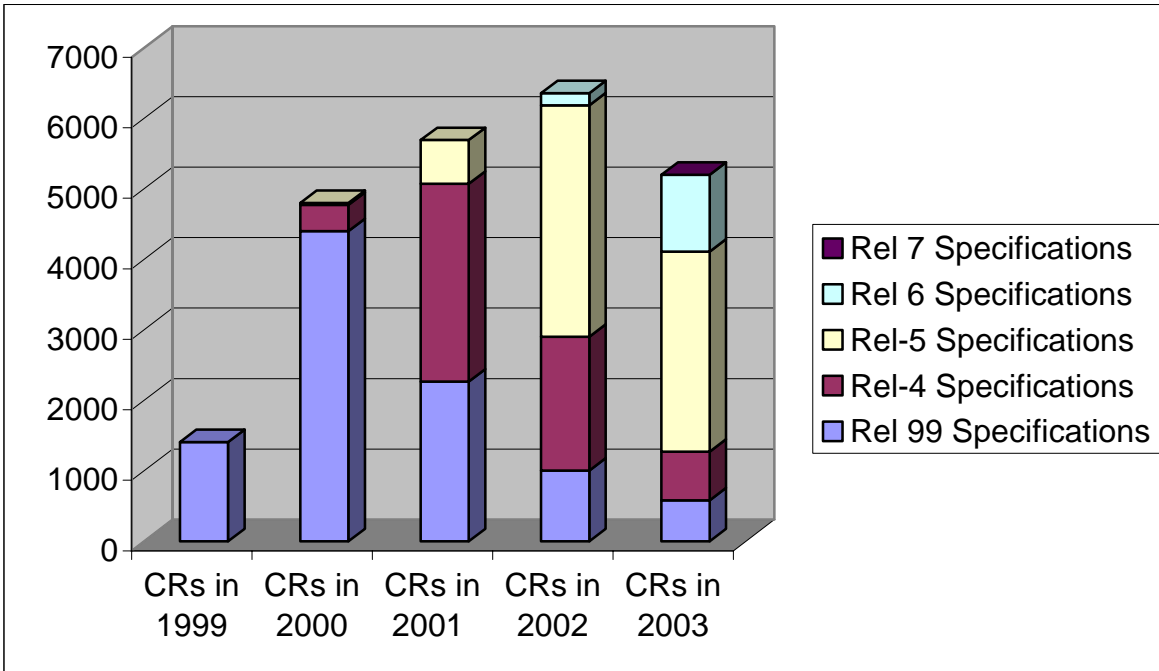### 3.1   Interesting statistics

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

CLASSIFICATION	NUMBER OF ACTIVE SPECS
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
TOTAL SPECIFICATIONS	**2905**

It is expected that approximately **200** new versions of specifications will result from TSG#23.

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, it is expected that approximately **1000 CRs** will be approved during the TSG#23 session.
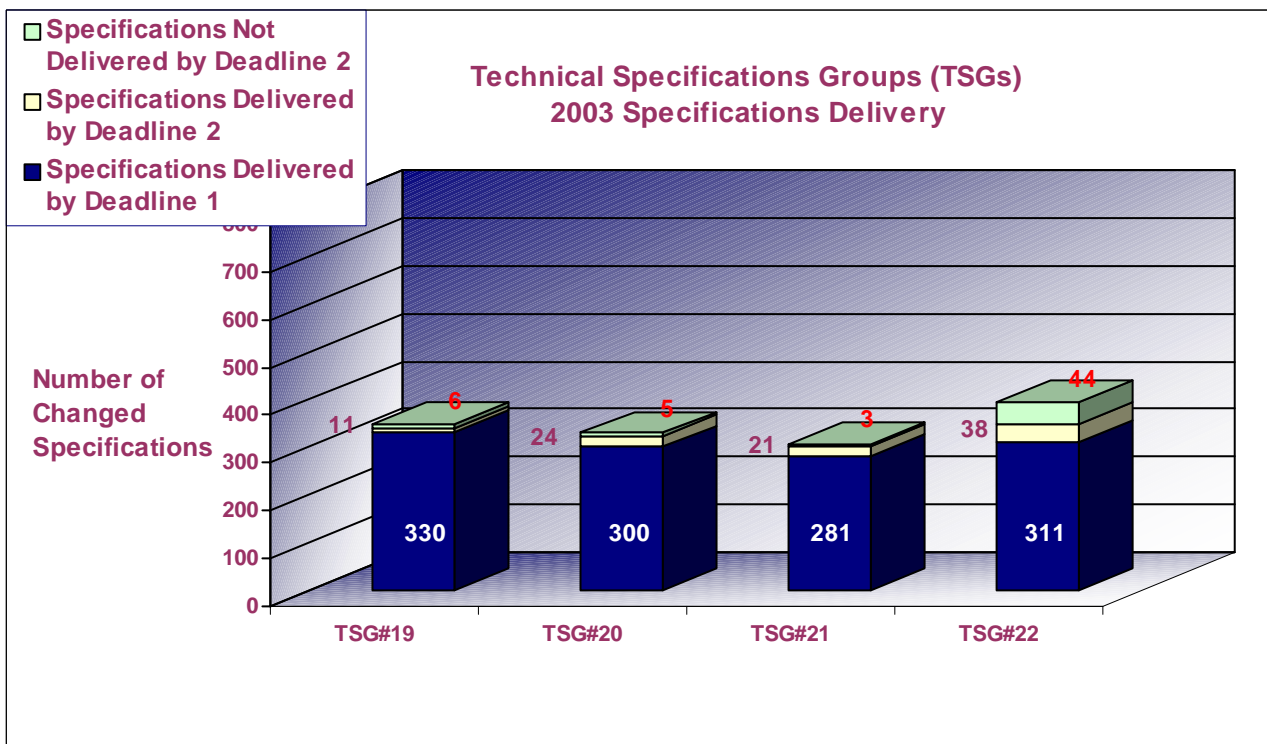
CLASSIFICATION	CRs in 1999	CRs in 2000	CRs in 2001	CRs in 2002	CRs in 2003	TOTAL
Rel 99 Specifications	1408	4400	2266	1004	581	9659
Rel-4 Specifications		374	2807	1901	690	5772
Rel-5 Specifications		27	620	3281	2840	6768
Rel 6 Specifications				171	1089	1260
Rel 7 Specifications					1	
TOTAL	**1408**	**4801**	**5693**	**6357**	**5200**	**23459**

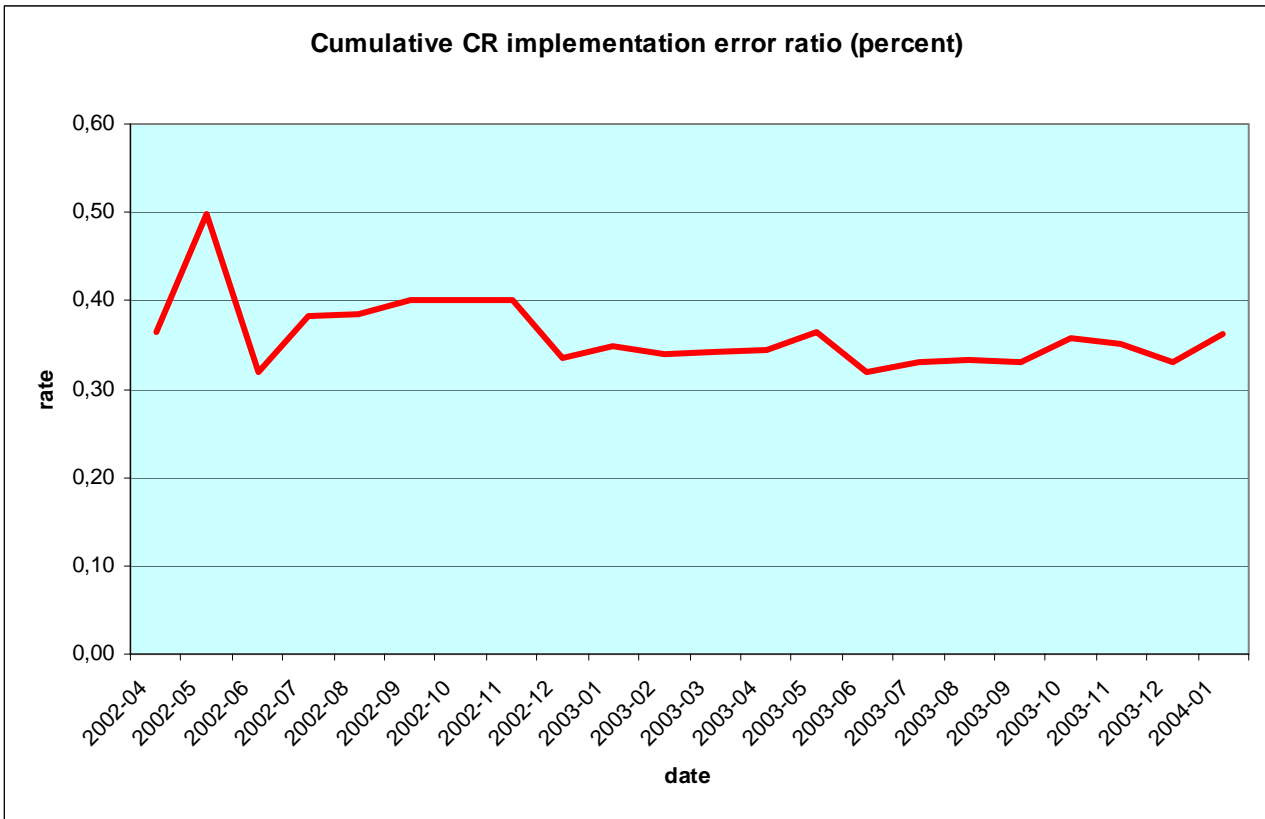**Figure 2:   3GPP CR evolution from 1999 to 2003**

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%).
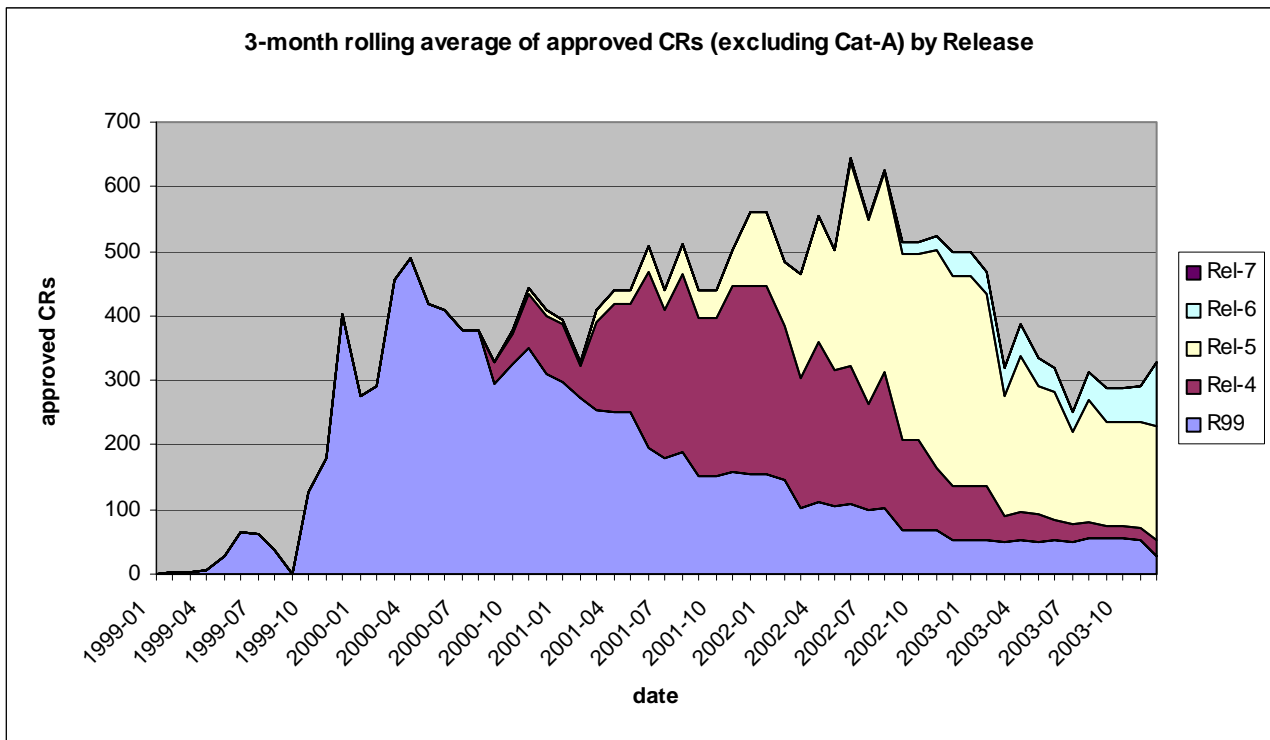

Cumulative CR implementation error ratio (percent)

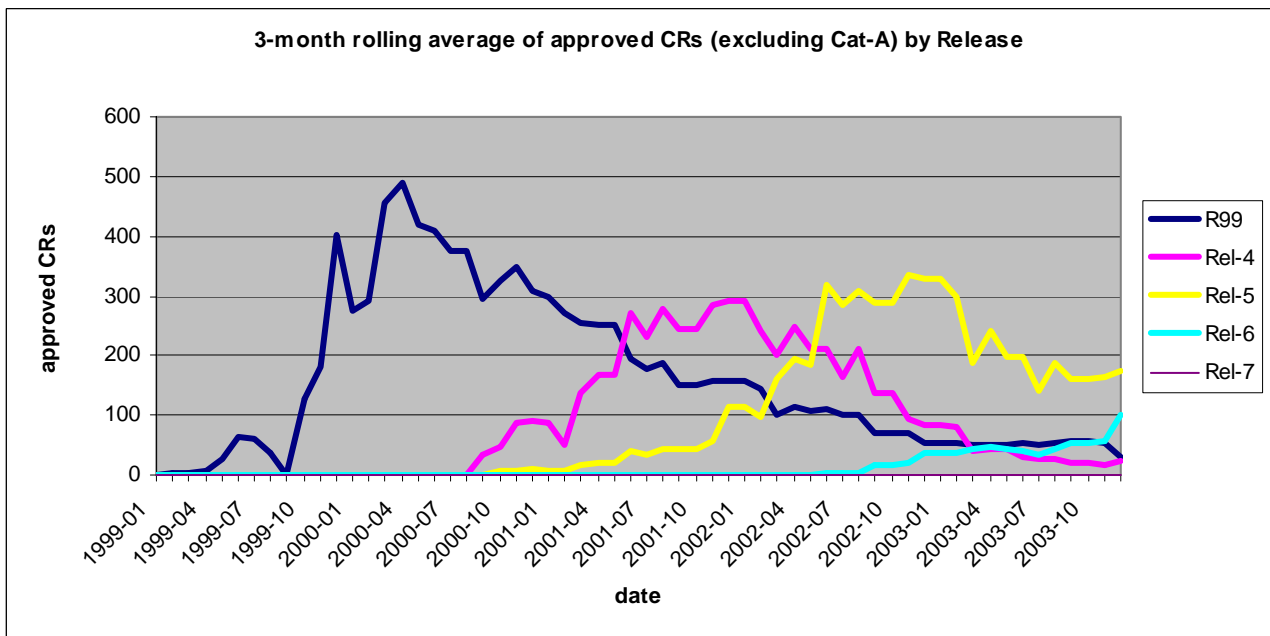**Figure 4:   CR implementation error rate**

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   Working Group support in 2004

The 2004 Support Budget for 3GPP has been approved by the Partners and, as reported to TSG#22, the Budget implies a reduction in resources. The resources for the support of 3GPP Working Groups in 2004 have been allocated and each Working Group will continue to received dedicated support.

The decision has already been made that Working Groups should only hold one meeting between each TSG session and that MCC support can only be guaranteed on that basis. A number of Working Groups are planning to hold more than 4 WG meetings in 2004 but, 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), a final version of the Release 99 Features description document has now been prepared. It has been made available to this meeting 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 submitted to this meeting 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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