

Technical Specification Group Terminals

TSGT#27(05)0055

Meeting #27, 09 - 11 March 2005,

Tokyo, Japan

Technical Specification Group Services and System Aspects

Report-v0.0.5rm

Meeting #26, Athens, Greece

Source: Secretary TSG SA

Title: Draft Report of meeting #26

Document for: Approval

Status: Draft for Approval - version 0.0.5 (With revision marked comments)

Contents

1	Opening of the meeting	4
2	Approval of the Agenda	4
	IPR Declaration:	4
3	Approval of the meeting report of TSG SA Meeting # 25	4
4	Items for immediate consideration (For contributions to this point, please contact chairman in advance of meeting)	4
5	Reports from TSG SA ad-hoc meetings, workshops and Electronic Meetings	5
6	Letters / Reports from other groups	5
	6.1 TSG T, TSG CN, TSG RAN, TSG GERAN	5
	6.2 Partners and their bodies	5
	6.3 Others	6
7	Reports from TSG SA Working Groups	6
	7.1 TSG SA WG1	6
	7.1.1 Report from TSG SA WG1 and review of progress	6
	7.1.2 Questions for advice from TSG SA WG1	7
	7.1.3 Approval of contributions from TSG SA WG1	7
	7.2 TSG SA WG2	8
	7.2.1 Report from TSG SA WG2 and review of progress	8
	7.2.2 Questions for advice from TSG SA WG2	9
	7.2.3 Approval of contributions from TSG SA WG2	9
	7.3 TSG SA WG3	11
	7.3.1 Report from TSG SA WG3 and review of progress	11
	7.3.2 Questions for advice from TSG SA WG3	11
	7.3.3 Approval of contributions from TSG SA WG3	11
	7.4 TSG SA WG4	13
	7.4.1 Report from TSG SA WG4 and review of progress	13
	7.4.2 Questions for advice from TSG SA WG4	13

7.4.3	Approval of contributions from TSG SA WG4	13
7.5	TSG SA WG5.....	14
7.5.1	Report from TSG SA WG5 and review of progress.....	14
7.5.2	Questions for advice from TSG SA WG5	15
7.5.3	Approval of contributions from TSG SA WG5	15
7.6	Review of TSG SA work programme	18
7.7	Letters to other groups	18
7.8	Other issues	18
8	Technical coordination with TSG CN, TSG RAN, TSG T and TSG GERAN	18
8.1	TSG CN.....	18
8.1.1	Report and questions for discussion from TSG CN	18
8.1.2	Information on Release 1999, Release 4, 5 and 6 in TSG CN	19
8.1.3	Information on status and changes to deliverables	19
8.2	Report from TSG RAN	19
8.2.1	Report and questions for discussion from TSG RAN.....	19
8.2.2	Information on Release 1999, Release 4, 5 and 6 status in TSG RAN	20
8.2.3	Information on status and changes to deliverables	20
8.3	Report from TSG T.....	20
8.3.1	Report and questions for discussion from TSG T	20
8.3.2	Information on Release 1999, Release 4, 5 and 6 status in TSG T.....	21
8.3.3	Information on status and changes to deliverables	21
8.4	Report from TSG GERAN	21
8.4.1	Report and questions for discussion from TSG GERAN.....	21
8.4.2	Information on Release 1999, Release 4, 5 and 6 status in TSG GERAN ..	21
8.4.3	Information on status and changes to deliverables	22
8.5	Letters to other groups	22
8.6	3GPP Work plan	22
8.7	Review of Release 1999, Release 4 and Release 5 specification sets	23
8.8	Review of Release 6 status, content and completion	24
8.9	Beyond Release 6 and/or Current work plan (Vision, Phasing, New Technology etc.)...	24
8.10	Other issues	25
9	Project Management	25
10	Project support	26
11	Postponed issues from earlier in the meeting	26
12	Work plan and future meetings	27
13	Any other business	27
14	Close of meeting.....	27
Annex A:	Co-ordinates of TSG and WG Officials	28
A.1	TSG SA Officials.....	28
A.2	TSG CN Officials	29
A.3	TSG RAN Officials.....	30
A.4	TSG T Officials	31
A.5	TSG GERAN Officials.....	32
Annex B:	List of documents	33
Annex C:	List of attendees and TSG SA Voting List.....	41
C.1	List of Attendees.....	41

C.2	List of eligible Voting members for TSG SA#27	45
Annex D:	Status list of Specifications and Reports after TSG SA Meeting #26	47
D.1	Release 1999 GSM Specifications and reports	47
D.2	Release 1999 3GPP Specifications and reports	52
D.3	Release 4 3GPP Specifications and reports	62
D.4	Release 5 3GPP Specifications and reports	81
D.4.1	Release 5 3GPP Specifications and reports not under change control.....	103
D.5	Release 6 3GPP Specifications and reports	103
D.6	Other 3GPP Specifications and reports to be allocated to (or identified for) Release 6 (TBC)	133
D.7	Other 3GPP Specifications and reports to be allocated to (or identified for) Release 7 (TBC)	134
Annex E:	List of Change Requests and their status after TSG SA Meeting #26.....	136
E.1	CRs from SA WG1	136
E.2	CRs from SA WG2	136
E.3	CRs from SA WG3	140
E.4	CRs from SA WG4	142
E.5	CRs from SA WG5	144
E.6	CRs direct to TSG SA#26.....	146
Annex F:	Status of all 3GPP CRs after TSG SA #26 Meeting	147
Annex G:	Definition of Release 4, extracted from the Project Plan - Version April 23 2003	195
Annex H:	Definition of Release 5, extracted from the Project Plan - Version July 25 2003	211
Annex I:	Current content of Release 6, extracted from the Project Plan - Version January 19 2005	239
Annex J:	Current Release 7 Features list, extracted from the Project Plan - Version January 19 2005	270

Draft Report

1 Opening of the meeting

The TSG SA Chairman, Mr. Niels Peter Skov Andersen opened the meeting and thanked the hosts, European Friends of 3GPP (EF3) for inviting TSG SA to Athens, Greece. Mr. A Cox welcomed delegates on behalf of EF3 and provided the domestic arrangements for the meeting. A social event had been kindly arranged by Vodafone for TSG SA delegates on the evening of Monday 13 December.

2 Approval of the Agenda

TD SP-040708: Draft agenda for TSG SA meeting #26. The draft agenda was introduced by the TSG SA Chairman, and was reviewed and **approved**.

The TSG SA Chairman reminded delegates of their companies obligations under their SDO's IPR policies:

IPR Declaration:

The attention of the delegates to the meeting of this Technical Specification Group was drawn to the fact that 3GPP Individual Members have the obligation under the IPR Policies of their respective Organizational Partners to inform their respective Organizational Partners of Essential IPRs they become aware of.

The delegates were asked to take note that they were thereby invited:

- to investigate whether their organization or any other organization owns IPRs which were, or were likely to become Essential in respect of the work of 3GPP.
- to notify their respective Organizational Partners of all potential IPRs, e.g., for ETSI, by means of the IPR Statement and the Licensing declaration forms (<http://webapp.etsi.org/lpr/>).

3 Approval of the meeting report of TSG SA Meeting # 25

TD SP-040709: Draft report of TSG SA meeting #25. The draft Report of the previous meeting of TSG SA was reviewed and **approved**.

4 Items for immediate consideration (For contributions to this point, please contact chairman in advance of meeting)

TD SP-040870: Proposed method for progressing work on 3GPP system evolution. This was introduced by NTT DoCoMo Inc. and considered the various activities taking place within 3GPP related to the evolution of the 3GPP system and proposed a working method for progressing this work in an efficient and effective manner. NTT DoCoMo Inc. recommended that SA WG2 be tasked to clarify the relationship between work items that appear to be related to IP-based network architecture evolution and take action to ensure activities are coordinated as appropriate and that relevant groups should endeavour to be aware of the progress made. It was commented that there were several other contributions on this and these should also be taken into account when this is discussed. The SA WG2 Chairman commented that there are All-IP discussions on-going in SA WG1, Ran Evolution discussions in RAN WGs and Fixed-Broadband discussions. He proposed that SA WG2 should study the overall System Architecture evolution in order to include all aspects. Delegates were asked to consider this for further discussion under agenda item 8.9.

TD SP-040883: Proposed Feasibility Study on 3GPP System Architecture Evolution. This was introduced by Vodafone and proposed that 3GPP should initiate a feasibility study of the long-term evolution accounting for the various work on-going or planned for systems architecture evolution. A Work Item Description proposing a Feasibility Study was also presented for this study. Concerning the time plan for this feasibility study, Vodafone proposed to complete the work on the same timescales as the RAN work (i.e. complete the FS by June 2006 and envisage all relevant core specifications by June 2007). **TD SP-040879** and **TD SP-040871** was also asked to be included in the discussions. Delegates were asked to consider this for further discussion under agenda item 8.9. The document was then revised in **TD SP-040922** for this discussion.

[TD SP-040879](#) Discussion for I-WLAN WIDs. This was introduced by Samsung to give background for discussions under agenda item 8.9. Delegates were asked to consider this for further discussion under agenda item 8.9.

[TD SP-040871](#) Progression of work on WLAN Interworking Scenario 4 & 5. This was introduced by NTT DoCoMo Inc. to give background for discussions under agenda item 8.9. There were some comments and discussion over the scope of the work and whether it should include I-WLAN Interworking. Delegates were asked to consider this for further discussion under agenda item 8.9. The document was revised for further discussion in [TD SP-040930](#).

5 Reports from TSG SA ad-hoc meetings, workshops and Electronic Meetings

There were no specific contributions under this agenda item.

6 Letters / Reports from other groups

6.1 TSG T, TSG CN, TSG RAN, TSG GERAN

There were no specific contributions under this agenda item. Questions and comments related to the TSGs were dealt with under agenda item 8.

The PCG/OP meeting report was not available but the main outcome was the decision to re-structure 3GPP TSGs into TSG SA, TSG GERAN, TSG RAN (RAN WGs and T WG1) and TSG CT (CN WGs and other T WGs). There was no impact on the structure of TSG SA.

6.2 Partners and their bodies

[TD SP-040714](#): LS from ATIS: Submission of a high-level architecture and definition for Next Generation Network (NGN) from the perspective of the industry as represented by ATIS, entitled: "ATIS Next Generation Network (NGN) Framework, Part I: NGN Definitions, Requirement and Architecture, Issue 1.0, November 2004.". This was provided by ATIS.

Areas of Focus for the 3GPP (CN & SA), several areas or sections of the document are considered important to the North American interest; these are:

- Wireline/Wireless Integration
- Network/CPE Integration
- Parlay/OSA based Service Architecture and Open APIs
- Embedded access architecture, DSL and FTTx
- End-to-end QoS
- ENUM
- Presence
- Security

ATIS welcomed comments on this document. SA WG1 and SA WG2 Chairmen were asked to consider this contribution in their next meetings and provide comments, to ATIS contacts listed in the document.

[TD SP-040869](#): LS from ETSI TC-TISPAN: Proposal for a second Workshop on "IMS over Fixed Access". This was introduced by the TSG SA Chairman. TSG SA and TSG CN were requested to confirm their interest for a second Workshop on IMS over Fixed Access and to express their view about the following proposed dates:

- 30-31 March 2005 (i.e. after SA/CN#27 and after TISPAN#5bis)
- 9-10 February 2005 (i.e. before SA#27 and CN#27 meetings).

It was agreed that participation in such a workshop would be beneficial. Output from the Workshop would need to be fed into the appropriate groups and no decisions should be made by the Workshop. The dates were considered and it was noted that the preference for ETSI TC TISPAN was for 9 - 10 February 2005. A response LS, based on [TD SP-040887](#) was provided in [TD SP-040903](#) which was reviewed. It was agreed that the Workshop should be open to all SDOs and that any agreements made **will** need endorsement by the parent standardisation bodies. The LS was revised in [TD SP-040929](#) and was **approved**.

6.3 Others

TD SP-040711: LS from OMA-~~REL~~TP: Availability of OMA Work Programme Information. This was introduced by the TSG SA Chairman. OMA TP thanked 3GPP2 TSG-S for the referenced LS and for calling our attention to the problem of accessibility of WISPR information and hoped that the BoD will respond favourably to their recommendation but both 3GPP and 3GPP2 will be notified when any changes are finally approved and of their effective date. It was reported that the OMA BoD had received this LS and responded favourable. TSG SA **noted** this LS and understood that further communication on this could be expected from the OMA.

TD SP-040715: LS from OMA: Status of OMA BAC: Mobile Broadcast Services. This was introduced by Vodafone and provided further status on the Mobile Broadcast Services work within OMA. This liaison statement addressed two items:

- Report on the current status of OMA Mobile Broadcast Services Requirements
- Overview of the current state of architecture soliciting comments from 3GPP and 3GPP2.

OMA asked 3GPP and 3GPP2 to provide feedback on applicability of the preliminary OMA Mobile Broadcast Services architecture to their broadcast-multicast work items.

The LS was **noted** and SA WG1 were asked to take action if necessary on this.

TD SP-040874: LS from OMA ARC: IMS in OMA status information to 3GPP SA. This liaison was provided for information only and there was no specific requested action. However 3GPP was encouraged to review the content and provide any feedback if appropriate. The attached presentation on IMS in OMA Socialization was reviewed. The LS was **noted** and it was decided to send it to the SA WG2 e-mail list in order to determine if there are any comments from the Architecture experts.

TD SP-040829: LS from ITU Study Group Management Team: Request for further comments on the draft Technical Report Q.TRMMR on Mobility Management Requirements. TSG SA and TSG CN were asked to provide comments on draft Q.TRMMR to ensure that it is technically correct and in line with 3GPP Mobility Management specifications. The LS was **noted** and Members were asked to review the document and provide any comments to the appropriate groups.

TD SP-040878: Reply LS (from ITU-T SG16) on 3GPP Answer on "Mobility between H.323 Multimedia Systems and GPRS/IMT2000 Networks". This was introduced by the TSG SA Chairman. ITU-T SG16 had reviewed the points mentioned on the LS from TSG SA and will take the points mentioned into account when progressing their work on "Mobility between H.323 Multimedia Systems and GPRS/IMT2000 Networks". This LS was then **noted**.

7 Reports from TSG SA Working Groups

7.1 TSG SA WG1

7.1.1 Report from TSG SA WG1 and review of progress

TD SP-040724: Status Report of SA1 to SA #26. This was introduced by the SA WG1 Chairman, using the presentation slides provided in **TD SP-040723**.

Questions and Comments:

Slides 15, 16: XIX SWG. The relationship between this and CSI in SA WG2 was questioned. The SA WG1 Chairman replied that the SA WG2 scope was broader than this services work and this will use some of the work done in SA WG2, but not all of it.

Slide 31: Future SA1 Plenary Meetings. The ETSI Director General questioned the choice of Cape town for the next meeting. The SA WG1 Chairman responded that this meeting had been agreed around 9 months ago, before the open letter on meeting venues had been circulated. It was **noted** also that a co-signatory of the open letter was hosting this meeting.

Slide 18: Multisystem SWG. It was commented that use case 2 had non-trivial impacts and should be considered along with use cases 3, 4 and 5.

Slide 18: Multisystem SWG. It was commented that the 5 integration levels did not appear to be in the correct order. The SA WG1 Chairman responded that these use-case scenarios were not designed to include the previous scenarios (e.g. as for WLAN scenarios).

Slide 18: Multisystem SWG. It was also noted that 3GPP2 were mentioned in the slide, but other systems may also have a dependency for this work.

Slide 17: AIPN SWG. Clarification on "WID update discussion but no agreement could be reached" was requested. The SWG Chairman responded that the need for a WID was generally accepted, but the timescales for completion had caused some disagreement between the members.

The SA WG1 Chairman was thanked for his report, which was **noted**.

7.1.2 Questions for advice from TSG SA WG1

There were no specific contributions under this agenda item.

7.1.3 Approval of contributions from TSG SA WG1

CRs:

TD SP-040725: CRs to 22.101 on USIM support by 2G terminals of Rel-99 and Rel-4 (R99, Rel-4). It was questioned whether this was an essential change for Release 1999. It was argued that this reflects the situation already in the market and will not de-stabilise Release 1999, but will clarify the situation in the specification. It was considered however that this introduced a clarification to the current interpretation and was not therefore considered essential. These CRs were therefore **rejected**.

TD SP-040726: CR to 21.905 on definition of RAT (Rel-6). It was reported that comments had been received from other groups which were impacted by the proposals. The CR was therefore **rejected** and companies interested in progressing this should provide input to SA WG1 to develop a generally acceptable proposal. (The related LSs on this topic were therefore **noted**).

TD SP-040727: CRs to 22.127 to delete requirements from Rel-6. These CRs were **approved**.

TD SP-040728: CR to 22.141 on "Anonymous subscriptions to Presence lists" (Rel-6). This CR was **approved**.

TD SP-040729: CR to 22.228 on IMS CS Interworking (Rel-6). It was noted that this was a change only to Annex A, and no changes to clause 7 as mentioned on the CR cover page. This CR was **approved**.

TD SP-040730: CR to 22.240 on Removal of erroneous use cases (Rel-6). This CR was **approved**.

TD SP-040731: CR to 22.242 regarding reference to OMA DRM (Rel-6). This CR was revised to improve the text in **TD SP-040906** which was reviewed. It was clarified that the reference to the OMA specification was likely to be changing in January 2005 and the reference to a specific version of the specification was questioned. The CR was re-worked in order to replace the dated reference in **TD SP-040925** which was reviewed and **approved**.

MCC was asked by the TSG SA Chairman to think about a method where the URL links to references in specifications could be replaced by a more dynamic system, so that the specifications do not need to be revised each time the URLs change. MCC were asked to bring a proposal to the next meeting.

TD SP-040732: CR to 22.950 on Priority Service support for Emergency Service (Rel-6). This CR was **approved**.

TD SP-040733: CR to 22.952 on Priority Service support for Emergency Service (Rel-6). This CR was **approved**.

TD SP-040734: CR 22.038 on Extension of the USAT bearers (Rel-7). This CR was **approved**.

TD SP-040735: CRs to 22.071 on Velocity Service Description and Introducing A-GNSS concept to extend A-GPS to include GALILEO (Rel-6). It was commented that for CR071, the referenced Galileo specifications

were not available and reservations to including these references in the specification were expressed. **It was decided that, although no technical objection was received, due to the fact that the Galileo specifications are not publicly available, it is inappropriate to include this material into the specifications.** CR071 was therefore **postponed** until the specifications are made available by the Galileo Project. CR072 was considered and SA WG1 were asked to clarify the technologies included in this. Lucent reported that the intention was only for GPS use and offered to revise the CR to clarify this. The CR072 was therefore revised in [TD SP-040907](#) and was reviewed and **approved**.

[TD SP-040736](#): CR to 22.078 on regarding interworking between CAMEL and SCUDIF (Rel-7). This CR was **approved**.

[TD SP-040737](#): CR to 22.234 on New features of I-WLAN for Rel-7. It was reported that a related contribution in [TD SP-040871](#) may have an impact on this and it was agreed to review this CR after discussion of this contribution. The CR was then **approved**.

[TD SP-040738](#): CRs to 42.068 on Sending a SMS to a Group and a Voice Group Call (Rel-7). CR007 was related to LSs in [TD SP-040719](#) which was reviewed and the CR postponed and SA WG1 were asked to collaborate with EP RT on this issue. CR006 was **approved**.

[TD SP-040719](#): Liaison statement (from EP RT) to 3GPP SA, SA WG1 for SMS into a group call. This was introduced by Nortel Networks and asked that this requirement is rejected due to the safety concerns the current requirement generates. It was proposed that SA WG1 should collaborate with EP RT in order to develop a revised CR which is also acceptable to EP RT. It was **agreed** that the proposal to allow non-group members to send SMS was acceptable in principle, but a mechanism is needed to guard against the possibility of sending an SMS when the voice group call is not active. **It was asked that SA WG1 and EP RT collaborate on this issue, preferably EP RT experts should provide their views and requirements in SA WG1. As a way to progress before the next SA WG1 meeting, an e-mail discussion should be initiated on this.**

TSs and TRs:

[TD SP-040739](#): TR 22.978 (v1.0.0) on All-IP Network (AIPN) Feasibility Study (Rel-7). This was provided for information and was **noted**. WGs were asked to review the document and provide any comments to SA WG1.

[TD SP-040740](#): TR 22.979 (v1.0.0) on Feasibility study on Combined CS Calls and IMS Sessions (Rel-7). This was provided for information and was **noted**. WGs were asked to review the document and provide any comments to SA WG1.

[TD SP-040741](#): Update to GUP WI. This updated WI description was reviewed and **approved**.

[TD SP-040744](#): Proposal for update of TSs from Rel-5 to Rel-6. This list was provided to show which specifications not already at version 6.x.y which SA WG1 intend to upgrade to version 6.0.0 when Rel-6 is functionally frozen. It was **noted** that only TS 22.121 was not intended to be upgraded. The list was then **approved** by TSG SA.

WIDs:

[TD SP-040742](#): New of WI for Combinational Services. A proposal to combine this WID with a SA WG2 WI was provided in [TD SP-040881](#) (see discussion under agenda item 7.2.3) and this WID was therefore **rejected**.

[TD SP-040743](#): New WI on CAMEL Trunk Triggers. This WI description was reviewed and **approved**.

7.2 TSG SA WG2

7.2.1 Report from TSG SA WG2 and review of progress

[TD SP-040905](#): SA2 Status Report. This was presented by the SA WG2 Chairman.

Questions and Comments:

Slide 25: Access Class Baring and Overload Protection. It was commented that there had been no conclusion yet on the content of Rel-7 and a contribution on this was provided in [TD SP-040872](#), asking for this to be included in Rel-6. This was dealt with under agenda item 7.2.3.

Slide 16: Overall Architecture (TS 23.002). The use of "floor control" was questioned and it was asked if this referred to PoC. The SA WG2 Chairman responded that this was related to the MRFP which can be used for various conferencing services, including PoC.

Slide 23: PoC (TR 23.979). It was commented that although the work is reported as complete, there will be some additional work to do. The SA WG2 Chairman acknowledged that there may still be the need for corrections.

Slide 27: FS on applicability of GALILEO for LCS (TR 23.835). The completion of this was questioned. SA WG2 had not come to an agreement that this was completed as some issues (e.g. licensing) may have implications on the feature. It was commented that while the specifications are unavailable then we cannot assume the work is complete as the content of the specifications is not known. Draft TR 23.835 was presented to TSG SA#20 as version 1.0.0 but has not been re-presented to TSG SA since this. **It was concluded that this FS cannot be included as a part of Rel-6 at this time.**

The SA WG2 Chairman was thanked for his report, which was [noted](#).

7.2.2 Questions for advice from TSG SA WG2

[TD SP-040710](#): LS (from SA WG2) on proposed work split 3GPP/3GPP2/OMA on Presence. This was introduced by the SA WG2 Chairman and asked OMA PAG group to confirm that the Presence architecture specified in OMA is consistent with the architecture defined in 3GPP TS 23.141 and asked to be informed about future architectural aspects to secure consistence between the 3GPP architecture and OMA Presence. This was copied to TSG SA for information and was [noted](#).

[TD SP-040712](#): Reply LS (from SA WG2) on Generic Access Network (GAN). This was introduced by the SA WG2 Chairman and asked TSG GERAN to keep SA WG2 informed on the progress of the Generic Access to A/Gb Interface work in GERAN. This was copied to TSG SA for information and was [noted](#).

[TD SP-040720](#): LS (from SA WG2) on evolution of network architecture. This was introduced by the SA WG2 Chairman and asked TSG SA to take this LS into account when discussing the outcome of the RAN evolution workshop and to give SA WG2 guidance on how to progress with the WLAN scenario 4/5 work, because currently, there is no agreement within SA WG2 as to whether or not this work should focus only on WLAN-3GPP interworking, or, whether it can focus on interworking to any other generic RAT. This was [noted](#) and will be taken into account with the RAN evolution workshop discussions.

7.2.3 Approval of contributions from TSG SA WG2

TSs and TRs:

[TD SP-040822](#): TR 23.903 v2.0.0: Redial Solution for Voice-Video Switching. TIM commented that some items should be clarified in the draft TR before it is approved by TSG SA. The TSG RAN Chairman also asked what the impact on other WGs would be if something is added to this at a later time. TIM asked that the FS identify the features which are for the Rel-6 timeframe and what is identified for a future Release. This TR was [approved](#) and placed under TSG SA change control as version 6.0.0 (Rel-6). **It was noted that there may be a need for CRs at the next meeting to complete and clarify some sections of the TR and contribution on this by concerned Members in SA WG2 was requested in order to allow finalisation of the TR and closing of the WI.**

[TD SP-040749](#): TS 23.979, Version 2.0.0. This TR was [approved](#) and placed under TSG SA change control as version 6.0.0 (Rel-6). It was [noted](#) that the OMA Architecture work had progressed recently and this should be checked for consistency with this work. In particular it was reported that the GLMS no longer exists in the OMA architecture as it has been replaced with XML Document Manager entities; in 5.3.2.3 there is no Ringing/Alerting shown in the Manual Answer flow; and in 5.3.3.3 there is no Ringing/Alerting shown in this Manual Answer flow. The SA WG2 Chairman reported that the usage of Feature Tags will cover the PoC requirements when they are specified and no changes to the 3GPP specifications will be needed.

[TD SP-040748](#): TR 23.899, Version 1.0.0. This TR was provided for information and was [noted](#). Members were asked to review the document and provide any comments to SA WG2.

CRs:

[TD SP-040750](#): CRs to 23.002. These CRs were [approved](#).

[TD SP-040751](#): CRs to 23.060. These CRs were [approved](#).

[TD SP-040895](#): CRs to 23.107. There was an objection to the note containing a normative statement and the CR was revised in [TD SP-040912](#) which was reviewed and [approved](#).

[TD SP-040753](#): CRs to 23.125. These CRs were [approved](#).

[TD SP-040875](#): CRs to 23.125 Rel-6. An alternative CR was provided to overcome the overlap of CRs 076r1, 082r1 and 102r2 in [TD SP-040882](#). The CRs 076r1, 082r1 were [rejected](#) and CR102r2 was revised in [TD SP-040882](#) (as CR102r4) which was [approved](#).

[TD SP-040896](#): CRs to 23.228. These CRs were [approved](#).

[TD SP-040755](#): CRs to 23.234. These CRs were [approved](#).

[TD SP-040900](#): CRs to 23.236. These CRs were [approved](#).

[TD SP-040757](#): CRs to 23.240. This CR was [approved](#).

[TD SP-040904](#): CRs to 23.246. These CRs were [approved](#).

[TD SP-040759](#): CRs to 23.251. These CRs were [approved](#).

[TD SP-040760](#): CRs to 23.271. These CRs were [approved](#).

[TD SP-040761](#): CRs to 23.981. These CRs were [approved](#).

WIDs:

[TD SP-040746](#): Updated WID on PS domain and IM CN subsystem support for IMS Emergency sessions. This revised WI description was [approved](#).

[TD SP-040747](#): WID for Combining CS and IMS services & Capability Detection mechanism” Building Blocks. A proposal to combine this WID with a SA WG1 WI was provided in [TD SP-040881](#) which was discussed (see below) and this WID was therefore [rejected](#).

[TD SP-040881](#): WID for Combining CS and IMS services & Capability Detection and Exchange mechanism. This was introduced by Ericsson on behalf of Ericsson, Nokia, Nortel Networks, Siemens, TIM and Vodafone. There was a comment that the material proposed by this WID would warrant the production of TS(s) rather than TR(s). It was reported that this WID was for early investigation and was not intended to produce a TS immediately, but could be used in a second phase to provide the stage 2 changes as CRs to existing TSs. There was, however, support for the production of a TS and it was [agreed](#) that the WID should aim to produce a stage 2 TS and the Stage 1 work documented by CRs to other specifications, or to produce a new stage 1 specification. NEC also indicated their support for this WID and asked to be added to the list of supporting companies. The WID was revised to reflect these agreements and to include the Rapporteur in [TD SP-040913](#) which was reviewed. It was clarified that SA WG1 were currently expected to produce CRs to their specifications, as indicated in the WID. The note that SA WG2 should consider the deliverable type was removed and the WID provided in [TD SP-040926](#) which was [approved](#).

[TD SP-040872](#): Completion of ACBOP work. This was introduced by NTT DoCoMo Inc. and asked TSG SA to approve TR 23.898, as it is effectively 80 % complete and a conclusion of the necessity for DSAC is established. TSG SA was asked to encourage SA WG2 to conclude the FS, by assessing the need for other solutions, by their next meeting (even if Voting is needed to make a decision). TSG SA was also asked to encourage RAN WG2, CN WG1, and RAN WG3 to review the TR and implement the DSAC related CRs in time for March 2005, if they see no objection. It was considered enough not to approve the TR at this point,

but to ask SA WG2 to come to a resolution on this and to update the TR and provide the TR and information on the status of the work to the impacted RAN, CN and GERAN WGs who were encouraged to review this at their meetings.

The following was agreed:

- TSG SA encourage SA WG2 to conclude the FS, by assessing the need for other solutions, by their next meeting, even if voting is necessary to achieve this.
- TSG SA encourage RAN WG2, CN WG1, and TSG GERAN to review the TR and implement the DSAC related CRs in time for March 2005, if they see no objection.

7.3 TSG SA WG3

7.3.1 Report from TSG SA WG3 and review of progress

[TD SP-040849](#): Reports from SA WG3 meetings #35 and #36. These reports were provided for information, and were **noted**.

[TD SP-040848](#): SA WG3 Status Report to SA#26. This was presented by the SA WG3 Chairman.

Questions and Comments:

A request was made to make the WG Chairman's report available in good time before the meeting in future.

Slide 13: Upgrade request for 33.878 to be made 33.9xx series for referencing purposes. 3 and TIM expressed concerns over upgrading this TR to the 33.9xx series. Support was also expressed for the upgrade to 33.9xx and reference to the TR from the relevant specifications. This was further discussed under agenda item 7.3.3, where the TR was submitted for approval in [TD SP-040866](#) (see below).

Slide 16: GERAN access security. It was clarified that the prohibition of A5/2 in earlier Releases may be difficult as there may be existing implementations with A5/2 support included.

The SA WG3 Chairman was thanked for his report, which was **noted**.

7.3.2 Questions for advice from TSG SA WG3

[TD SP-040868](#): Issue list to complete MBMS Security. This list was provided by SA WG3 to report the open issues on MBMS Security. This was reviewed and **noted**.

7.3.3 Approval of contributions from TSG SA WG3

CRs:

[TD SP-040850](#): 3 SA WG3 LI Group Rel-6 CRs to TS 33.107 (Rel-6) which were agreed by SA WG3 by e-mail (30/11/2004). These CRs were **approved**.

[TD SP-040851](#): 9 SA WG3 LI Group CRs to TS 33.108 (Rel-5 and Rel-6) which were agreed by SA WG3 by e-mail (30/11/2004). These CRs were **approved**.

CRs:

[TD SP-040852](#): 3 CRs to 33.102 (Rel-6). These CRs were **approved**.

[TD SP-040853](#): 1 CR to 33.200: SMS fraud countermeasures (Rel-6). It was questioned whether there was more than one SMSC addresses transported in MAP. If so, it needs to be clarified which address is referred to in this CR. The CR was checked off-line and a revision provided in [TD SP-040921](#) and reviewed. It was reported that the changes made should be reviewed again by SA WG3 and a CR to build upon the solution can be done for the next meeting if necessary. This CR023 R2 was then **approved**.

Background information was provided in [TD SP-040924](#) which was **noted**.

TD SP-040854: 1 CR to 33.203: Editorial corrections (Rel-6). This CR was **approved**.

TD SP-040855: 17 CRs to 33.220: (Rel-6). These CRs were **approved**.

TD SP-040856: 2 CRs to 33.221: (Rel-6). These CRs were **approved**.

TD SP-040889: 6 CRs to 33.222: (Rel-6). These CRs were **approved**.

TD SP-040867: LS (from SA WG3) Request for advise on handling IETF draft for Rel-6. This was introduced by the SA WG3 Chairman and explained the disagreement within SA WG3 on the handling of the IETF dependency for Rel-6. Two alternative CRs were provided in TD SP-040890 to include or remove PSK TLS. The IETF co-ordination officer reported that the document was in good condition and suggested if the draft has reached Last Call then the WG should keep it and if not, then to remove it. **It was agreed to check the status at the next meeting to make the decision.**

TD SP-040890: 2 alternative CRs to 33.222: Removing, or alternatively, Keeping PSK TLS from 3GPP Rel-6. These were **postponed** awaiting the status of the IETF drafts at the next meeting.

TD SP-040858: 22 CRs to 33.234: (Rel-6). [CR024r4](#) ~~CR005~~ was revised to [CR020r5](#) in TD SP-040891. All other CRs were **approved**.

TD SP-040891: CR to 33.234: Impact of Feasibility Study on (U)SIM Security Reuse by Peripheral Devices on Local Interfaces (Rel-6). This CR was **approved**.

TD SP-040859: 19 CRs to 33.246: (Rel-6). These CRs were **approved**.

TD SP-040860: 2 CRs to 33.817: (Rel-6). These CRs were **approved**.

TD SP-040861: 1 CR to 33.919: Removal of unnecessary editor's notes (Rel-6). This CR was **approved**.

TD SP-040862: 2 CRs to 43.020 (Rel-6). These CRs were **approved**.

TSs and TRs:

TD SP-040866: Presentation of TR 33.878-100 to TSG SA for approval. SA WG3 considered there to be no open issues and requested approval of this TR, even though it was the first presentation to TSG SA (an outline draft was provided for information at TSG SA #25 along with the WID). There were some comments about the terminology of this TR, as it appeared to be a specification. Concerns were, however, expressed in approving this and it was suggested that other WGs should be able to consider this. The SA WG3 Chairman clarified that this had already been sent to the relevant WGs (i.e. CN WG1) and they were aware of the content. TIM reported that their concern with making this TR referenced from the specifications was that they wished to avoid that this interim solution become the main implemented solution and that interoperability issues could result. CN WG1 were asked to closely review the document and check that this will have an impact on the full-solution IMS. The TSG CN Chairman reported that CN WG1 requirements and concerns were expected to be documented in this TR, rather than as CRs to the main specification. It was **agreed** that the TR would be upgraded to a 33.9xx-series, but no CRs will be produced toward 3GPP specification, the complete work will be documented in the TR. The TR was **noted** for information. **Members, and in particular CN WG1, were asked to review the document and provide any comments to SA WG3.**

WIDs:

TD SP-040863: WID for Trust Requirements for Open Platforms in 3GPP - WID. This WI description was **approved**.

TD SP-040864: WID for UEA2&UIA2. It was clarified that the financing of this work had been agreed as 50% funded by GSMA and 50% Voluntary. This WI description was **approved, under the condition that the funding had been provided for the work.**

TD SP-040865: WID for Access Security Enhancements. This WI description was **approved**.

It was confirmed that all remaining Rel-5 specifications (not already at Rel-6) should be upgraded to Rel-6 as proposed by the specifications manager. It was also confirmed that the MILENAGE and A5/3 specifications

should also be upgraded. The specifications Manager was asked to provide the referencing specifications in earlier Releases for completeness for approval by TSG SA.

7.4 TSG SA WG4

7.4.1 Report from TSG SA WG4 and review of progress

[TD SP-040831](#): SA WG4 Status Report at TSG-SA#26. This was presented by the SA WG4 Chairman.

Questions and Comments:

Slide 33: It was clarified that SA WG4 still need to consider the requirements for Video decoders and the specifications were therefore not ready for this meeting, but are part of proposed new Rel-7 WI.

Slide 30: WID on "Performance Characterization of VoIP over HSDPA. The SA WG4 Chairman clarified that this WID was not agreed by SA WG4 and concerns on the impact on other WGs were expressed. However, as the WID has 4 supporting companies, Member companies may bring this to TSG SA for approval.

Slide 3: Video coder ad-hoc meeting. This was planned for 10-11 January 2005, but the dates are to be confirmed. It was noted that this clashes with a 3GPP2 meeting and may be moved to later in January. The mandate for this ad-hoc is to discuss the performance requirements for mandating a video Codec. The TSG SA Chairman asked whether this could be done by distributing the information and having an electronic meeting. It was also commented that there were concerns expressed by some SA WG4 Members that the results of this ad-hoc would be rather limited. **SA WG4 were asked to confirm the results of the ad-hoc meeting and not to give a "final decision" mandate to the meeting.**

Slide 22: Enhanced aacPlus and AMR-WB+ Codecs have performances complementing each other. The SA WG4 Chairman clarified that these Codecs cover the different applications (music, speech, etc.) in a complementary way and were chosen as the best set of Codecs to cover the applications by SA WG4.

Slide 22: Concerns were expressed over the support of multiple Codecs as if the receivers Codec is not known in advance, the source needs to be encoded in different ways which causes unnecessary expense to content providers. It was suggested that the Codecs are not Mandated by SA WG4 and market forces should decide which one(s) become the Codecs used. **It was decided that SA WG4 should not make any particular audio Codec "mandatory", however SA WG4 should recommend both audio Codecs under discussion (Enhanced aacPlus and AMR-WB+) and include a table of applications/use scenarios for each Codec, to help the operator/manufacturer decide which to use for their particular applications. TIM registered their objection to this solution.**

Slide 20: It was clarified Transcoding from one Codec to another would be needed to make 3GPP and 3GPP2 PoC interoperable, although there is an interoperable mode available in the WB AMR Codec which could be explored for interoperability with 3GPP2 PoC.

Slide 21: MBMS User Services. It was asked whether these aspects were in line with the teleservices definition for MBMS. The SA WG1 Chairman confirmed that he believed this to be the case.

The SA WG4 Chairman was thanked for his report, which was [noted](#).

7.4.2 Questions for advice from TSG SA WG4

[TD SP-040721](#): LS reply (from SA WG4) about speech Codecs for PoC. This was introduced by the SA WG4 Chairman and was a response to OMA POC WG for their LS about speech Codecs for PoC, received in S4-040391. SA WG4 has studied the issue and provided OMA POC WG with more information about speech Codecs for PoC. The LS was [noted](#).

7.4.3 Approval of contributions from TSG SA WG4

TSs and TRs:

[TD SP-040832](#): 3GPP TS 26.346 "Multimedia Broadcast/Multicast Service; Protocols and Codecs" Version 1.5.0 (Release 6). This TS was provided for information and was [noted](#). Members were asked to review the document and provide any comments to SA WG4.

TD SP-040833: 3GPP TS 26.177 version 1.0.0 "Speech Enabled Services; DSR Extended Advanced Front-end test sequences" (Release 6). This TS was provided for approval in order to finalise this as soon as possible and be a part of Rel-6. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040834: 3GPP TR 26.943 version 1.0.0 "Recognition performance evaluations of Codecs for Speech Enabled Services (SES)" (Release 6). This TR was provided for approval in order to finalise this as soon as possible and be a part of Rel-6. This TR was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040835: 3GPP TS 26.141 version 1.0.0 "IP Multimedia System (IMS) Messaging and Presence; Media formats and Codecs" (Release 6). This TS was provided for approval as it was considered complete by SA WG4. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

WIDs:

TD SP-040836: WID on Video Codec Performance Requirements (Release 7). This WI description was **approved**.

CRs:

TD SP-040837: CRs TS 26.243 and TS 26.235 on Speech Enabled Services (Release 6). These CRs were **approved**.

TD SP-040838: CRs TS 26.140 on MMS (Release 6). It was confirmed that this was in alignment with the OMA work. These CRs were **approved**.

TD SP-040839: CRs TS 26.234, TS 26.244 and TS 26.245 on PSS (Release 6). These CRs were **approved**.

TD SP-040840: CRs TS 26.401 and TS 26.410 on aacPlus Codec (Release 6). These CRs were **approved**. It was **noted** that SA WG4 were looking into the issue reported in Slide 41 of the Chairman's report and a Category "C" CR may be brought to TSG SA for approval at the next meeting.

TD SP-040841: CRs TS 26.290 and TS 26.304 on AMR-WB+ Codec (Release 6). These CRs were **approved**. [Note: 26304 CR012 was actually 26290 CR004, which is corrected in the CR Database.](#)

TD SP-040842: CRs TS 26.111 on 3G-324M Improvements (Release 6). These CRs were **approved**.

TD SP-040843: CRs TS 26.235 and TS 26.236 on Push to Talk over Cellular (PoC) Codecs (Release 6). It was clarified that no particular AMR/AMR-WB Codec mode has been defined, but an informative annex has been added to give guidance on the choice of Codec mode. These CRs were **approved**.

TD SP-040844: CRs TS 26.173 and TS 26.204 on AMR-WB Codec : Incorrect definition of vector nb_of_bits (Release 5 and Release 6). It was noted that the Category A CRs were not necessary as the Rel-6 specification does not exist yet and will be created automatically after this meeting. It was explained that the original proposal was only for Rel-6, but it had been agreed in SA WG4 to also include it in Rel-5. These CRs were **approved**.

TD SP-040845: CRs TS 26.103 and TS 28.062 on Tandem Free Operation / Transcoder Free Operation (Releases 4, 5 and 6). These CRs were **approved**.

TD SP-040846: CRs TS 28.062 on Operator guidelines for UMTS_AMR (Releases 4, 5 and 6). These CRs were **approved**.

TD SP-040847: CRs TS 26.103 on Clarifications on AMR (Releases 4, 5 and 6). These CRs were **approved**.

7.5 TSG SA WG5

7.5.1 Report from TSG SA WG5 and review of progress

TD SP-040762: Status report of SA5 to SA #26. This was presented by the SA WG5 Chairman.

Questions and Comments:

Slide 9: IEEE 802.16 NETMAN Working Group. It was asked whether this Liaison had been agreed with the PCG. It was **noted** that this needs to be added to the Liaisons and MCC were asked to organise this.

Slide 10: Charging work. It was questioned that at earlier TSG SA meetings it had been suggested to re-look at the structure of SA WG5 Charging work at the end of Rel-6, and it was asked if SA WG5 and TSG SA had any plans to do so. The SA WG5 Chairman responded that there had been no requests within SA WG5 to re-discuss the structure of charging and that SA WG5 work was at a critical point for completion of Rel-6 and any such discussions would likely disrupt this work and therefore was not a priority. The TSG SA Chairman responded that as there were no contributions on the topic it was deferred to a future meeting.

Slide 10: It was clarified that SA WG5 SWGB have planned an extra meeting 11 - 13 January 2005 in order to focus on PoC, MBMS and WLAN Charging matters in order to progress the work.

Slide 13: Removal of signalling based activation and Trace in IMS. It was reported that this had been removed from Rel-6 in TSG CN and alignment may be needed. The SA WG5 Chairman responded that SA WG5 were aware of this fact and would align and also reminded TSG SA that currently there was no Rapporteur for the Trace work in SA WG5 and Members were asked to consider providing one for this work.

The SA WG5 Chairman was thanked for his report, which was **noted**.

7.5.2 Questions for advice from TSG SA WG5

TD SP-040920 LS response (from SA WG5) on work split for PoC charging between OMA, 3GPP2 and 3GPP. This was introduced by the SA WG5 Chairman and informed OMA that SA WG5 were happy with their proposal on PoC Charging. The LS was copied to TSG SA for information and was **noted**.

7.5.3 Approval of contributions from TSG SA WG5

TD SP-040763: Updated WID: Subscription Management (Feature: SuM) (Rel-6). This revised WI description was **approved**.

TD SP-040764: 3 Rel-6 CRs to 32.140/171. These CRs were **approved**.

TD SP-040830: Rel-6 TS 32.172 Subscription Management (SuM) Network Resource Model (NRM) IRP Information Service. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040766: Updated WID: OAM&P (Operations, Administration, Maintenance & Provisioning) (Feature: OAM) (Rel-6). This revised WI description was **approved**.

TD SP-040767: Updated WID: Principles, high level Requirements and Architecture (Building Block: OAM-AR). This revised WI description was **approved**.

TD SP-040768: 2 Rel-6 CRs to 32.101/2. It was commented that for 32.102 CR037, the changes to the references did not follow the normal working methods and should not be made. The SA WG5 Chairman responded that as this was the main changes in the CR it will be **withdrawn**. 32.101 CR026 was **approved**.

TD SP-040769: Updated WID: Trace Management (OAM-Trace). This revised WI description was **approved**.

TD SP-040770: 4 Rel-6 CRs to 32.421/2. These CRs were **approved**.

TD SP-040771: Rel-6 TS 32.423. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040772: Rel-6 TS 52.008 . This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040773: Updated WID: Charging Management (Feature: CH). This revised WI description was **approved**.

TD SP-040774: Rel-6 TS 32.296. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040775: 3 Rel-6 CRs to 32.251/299. These CRs were **approved**.

TD SP-040776: 7 Rel-5/6 CRs 32.225/299. These CRs were **approved**.

TD SP-040777: Rel-6 TS 32.260. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040778: Updated WID: Charging management for the service domain (CH-SC). This revised WI description was **approved**.

TD SP-040779: New WID: MBMS charging (MBMS-CH). This WI description was **approved**.

TD SP-040780: 3 Rel-6 CRs to 32.270 MMS Charging. These CRs were **approved**.

TD SP-040781: Rel-6 TS 32.271. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040782: Updated WID: Rel6 - Performance Management. This revised WI description was **approved**.

TD SP-040783: 5 Rel-4/5/6 CRr to 32.401/3. These CRs were **approved**.

TD SP-040784: 3 Rel-6 CRs to 32.412/3. These CRs were **approved**.

TD SP-040785: Rel-6 TS 32.414 . This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040786: Rel-6 TS 32.432. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040787: Rel-6 TS 32.435 . This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040788: Rel-6 TS 32.436. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040789: Updated WID: Network Infrastructure Management (Building Block: OAM-NIM). This revised WI description was **approved**.

TD SP-040790: 2 Rel-6 CRs to 32.150/32.111-2. These CRs were **approved**.

TD SP-040791: 9 Rel-5/6 CRs to 32.111-2/3/4. These CRs were **approved**.

TD SP-040792: Rel-6 TS 32.111-5. This TS was provided for information and was **noted**. Members were asked to review the document and provide any comments to SA WG5.

TD SP-040793: 4 Rel-6 CRs to 32.300/2/3. These CRs were **approved**.

TD SP-040794: 2 Rel-6 CRs to 32.311/2. These CRs were **approved**.

TD SP-040795: Rel-6 TS 32.313. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040796: Rel-6 TS 32.314. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040797: Rel-6 CRs to 32.323. These CRs were **approved**.

TD SP-040798: Rel-6 TS 32.332. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040799: Rel-6 TS 32.334. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040800: Rel-6 CRs to 32.343. These CRs were **approved**.

TD SP-040801: Rel-6 TS 32.344 . This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040802: Rel-6 CR to 32.353. This CR was **approved**.

TD SP-040803: Rel-6 TS 32.354. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040877: Rel-6 CR002R1 to 32.363 Entry Point (EP) IRP CORBA SS. It was **noted** that the PDF and Word versions differed on the CR and Revision numbers. The PDF contained the correct information. This CR (32.363 CR002R1) was **approved**.

TD SP-040805: Rel-6 CR to 32.371. This CR was **approved**.

TD SP-040806: 2 Rel-6 CRs to 32.601/3. These CRs were **approved**.

TD SP-040807: 6 Rel-6 CRs to 32.612/3/5. These CRs were **approved**.

TD SP-040808: 7 Rel-5/6 CRs to 32.622/4/5. These CRs were **approved**.

TD SP-040809: 5 Rel-6 CRs to 32.632/3/5. These CRs were **approved**.

TD SP-040810: 6 Rel-6 CRs to 32.642/3/4/5. It was reported that CR027 in TD SP-040587, which had been approved at TSG SA meeting #25 could not be implemented and CR028 was provided in this set in order to make the requested changes again. **TSG SA noted this and asked that more care is taken by WGs that the CRs they approve can be implemented in a consistent way.** These CRs were **approved**.

TD SP-040811: Rel-6 CR to 32.655. This CR was **approved**.

TD SP-040812: 2 Rel-6 CRs to 32.661/3. These CRs were **approved**.

TD SP-040813: 2 Rel-5/6 CRs to 32.674. These CRs were **approved**.

TD SP-040814: Rel-6 TS 32.675 . This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040815: Rel-6 TS 32.690. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040816: Rel-6 CR to 32.692. These CRs were **approved**.

TD SP-040817: Rel-6 TS to 32.695 . ~~These CRs were approved.~~ This TS was approved and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040818: Rel-6 TS 32.714. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040819: Rel-6 TS 32.744 . This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040820: Rel-6 TS 32.745. This TS was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

TD SP-040821: Rel-6 TR 32.805. This TR was **approved** and placed under TSG SA change control as version 6.0.0 (Rel-6).

7.6 Review of TSG SA work programme

There were no specific contributions under this agenda item. the overall 3GPP Work Programme was presented under agenda item 8.6.

7.7 Letters to other groups

The following Liaison was **agreed** for transmission to other groups:

TSG SA Document	Title	To	CC
SP-040929	Reply to TISPAN on Workshop on "IMS over Fixed Access"	ETSI TISPAN	ATIS, TSG CN, SA WG1, SA WG2, SA WG3, CN WG1, CN WG3, CN WG4

7.8 Other issues

There were no specific contributions under this agenda item.

8 Technical coordination with TSG CN, TSG RAN, TSG T and TSG GERAN

8.1 TSG CN

8.1.1 Report and questions for discussion from TSG CN

TD SP-040885: CN#26 Draft Meeting report. This was provided by the TSG CN Secretary for information and was **noted**.

TD SP-040884 TSG CN Chairman's report to TSG SA #26. The report from TSG CN activities and Status was presented by the TSG CN Chairman.

Questions and comments:

Slide 5. It was clarified that the Pk interface for Presence is intended to be removed if the work is not finished by March 2005.

Slide 9: CN/CT 2005 schedule. It was reported that the first TSG CT meeting (meeting #27) will be held on Friday March 11 2005 to discuss structure and scopes of the CT WGs. This was omitted from the presentation by accident.

Slide 5: It was clarified that the idea to send a request to "3gpp.network.org" and get a failure was not acceptable to GSM IREG and further discussions were needed to come to a suitable solution.

Slide 9: It was suggested that the CT meetings should be separated from the CN meetings to clarify that this is a different TSG. "CTN#29" should read "CT#29".

Slide 9: It was clarified that the venue for CT#29 is confirmed as Quebec, Canada.

The TSG CN Chairman was thanked for his presentation which was then **noted**.

TD SP-040886: IETF Status report. This was introduced by the TSG CN Chairman (who is also the 3GPP/IETF Liaison officer) and provided the status of the IETF specifications which 3GPP specifications have dependencies on.

- Not as much progress as expected in IETF since TSG#25
- 36 of 84 ((43%) Rel-6 Dependencies stable (either on RFC ed queue or RFC published)

- 9 RFCs issued since TSG#25
- 6 drafts approved by IESG since TSG#25
- IETF work stalled in presence and conferencing areas
- Total release 6 IETF dependencies increased from 78 to 84
- Have requested accelerated publication of diameter credit control draft

It was reported that the diameter credit ~~card~~-control should be out of editing by the end of 2004. The TSG CN Chairman was thanked for this comprehensive report which was then noted.

TD SP-040888: LS on Co-ordination of SDO input to ITU-T Q.1741.4. This was introduced by the TSG CN Chairman and asks all SDOs to forward to ITU-T the proposed Baseline for input into draft ITU-T Q.1741.4 and the information to be provided by each SDO. This LS was noted.

TD SP-040713: LS from CN WG5: OSA Stage 2 - A cross-releases Overview. This was introduced by the CN WG5 Chairman and asked SA WG2 to withdraw TS 23.127 from Rel-6 onwards as it is no longer needed for OSA Stage 2 description (a new TS 23.198 was submitted to TSG CN#26 for approval) and hence it no longer serves any purpose. The SA WG2 Chairman reported that SA WG2 intended to propose the removal of 23.127 at the next TSG SA meeting. The LS was then noted.

TD SP-040716: LS (from CN WG1) on Support of eCall on UUS type 1 Supplementary Service. This was introduced by Motorola and informed ETSI OCG EMTEL that CN WG1 had discussed the proposal that the Supplementary Service UUS type 1 may be sufficient to transport the required information. CN WG1 will be pleased to work with ETSI OCG EMTEL on introducing the necessary changes to the 3GPP specifications. It was noted that it may be useful to copy this to SA WG3 to consider any fraud issues and the LS was noted.

TD SP-040717: Reply LS (from CN WG1) on Definition of RAT. This was introduced by the TSG CN Chairman. CN WG1 informed SA WG1 and other WGs that CN WG1 uses its own definition of 'Access technology' specified by TS 23.122. CN WG1 asked SA WG1 to consider whether it is seen feasible to add the term 'Access Technology' into TR 21.905, as currently specified by TS 23.122. This LS was noted.

8.1.2 Information on Release 1999, Release 4, 5 and 6 in TSG CN

There were no specific contributions under this agenda item. The status of the various releases are included in the TSG CN Chairman's Report under agenda item 8.1.1.

8.1.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The status of the work within TSG CN was given in the report from the Chairman under agenda item 8.31.1.

8.2 Report from TSG RAN

8.2.1 Report and questions for discussion from TSG RAN

TD SP-040911 Draft Report of TSG RAN meeting #26. This was provided by the TSG RAN Secretary for information and was noted.

TD SP-040910 TSG RAN Chairman's report to TSG SA #26. The report from TSG RAN activities and Status was presented by the TSG RAN Chairman.

Questions and comments:

Slide 11: It was corrected that the Study Item on Evolved UTRA and UTRAN completion date should read was June 2006, not June 2005.

Slide 10: The TSG RAN Chairman confirmed that it was too late to cater for a joint meeting with CN WG4 in February 2005.

Slide 6: Network initiated SCUDIF. The TSG CN Chairman reported that another meeting cycle to consider alternatives was needed.

Slide 9: Optimisation of channelisation code utilisation for 1.28 Mcps TDD. It was explained that FDD was expected for completion in June 2005.

The TSG RAN Chairman was thanked for his presentation which was then [noted](#).

[TD SP-040893](#) Reply LS on guidance and error patterns for MBMS streaming simulations. This was provided for information and covered in the report from the TSG RAN Chairman. The LS was [noted](#).

[TD SP-040908](#) Proposed initial submission for 'complete' update of UTRA FDD and TDD in Rev6 of Rec ITU-R M.1457. The TSG RAN Chairman introduced this proposal, which was [noted](#).

[TD SP-040909](#) Updated information on the Roadmap for revision 6 of ITU-R M.1457. The TSG RAN Chairman introduced this document, which was [noted](#).

[TD SP-040914](#) Summary of Requirements identified during 3GPP RAN long term evolution workshop. This was presented by the TSG RAN Chairman. It was clarified that this report had been reviewed and endorsed by TSG RAN as a basis for the long-term evolution study item. The report was [noted](#).

[TD SP-040916](#) Proposed 3GPP TSG RAN process for Evolved UTRA & UTRAN. This was introduced by the TSG RAN Chairman.

Objectives with a 3GPP Study Item:

- Study Item between RAN #26 to RAN#32
- Experts from all RAN WGs shall be involved in the Study Item
- The establishment of the Study Item shall not damage the current work in RAN WGs,
- 3GPP is NOT doing any new or different from the normal evolution work
- Organize the work to minimize additional travelling for WG experts
- Work items can be created before the completion of the study item if results show that it is possible

The TSG RAN Chairman was thanked for the report which was then [noted](#).

[TD SP-040718](#): LS (from RAN WG3) on the TSG RAN WG 3 Review of TR 32.804 v6.0.0. This was introduced by the TSG RAN Chairman and was copied to TSG SA for information. The LS was [noted](#).

8.2.2 Information on Release 1999, Release 4, 5 and 6 status in TSG RAN

[TD SP-040915](#) Approved Study Item on Evolved UTRA and UTRAN. This was provided for information and was [noted](#).

8.2.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The status of the work within TSG RAN was given in the report from the Chairman under agenda item 8.2.1.

8.3 Report from TSG T

8.3.1 Report and questions for discussion from TSG T

[TD SP-040902](#) TSG T#26 draft meeting report. This was provided by the TSG T Secretary for information and was [noted](#).

[TD SP-040901](#) TSG T progress report. The report from TSG T activities and Status was presented by the TSG T Chairman.

Questions and comments:

Slide 11: It was clarified that the MMS Release 6 ~~testing~~ work is considered closed.

T WG1 work: The testing for Rel-6 timescale was asked. This would depend on when the RAN requirements are complete in order for the testing to start. It is hoped that having a Testing WG in TSG RAN may help to speed up this process, but the requirements are needed before effective testing specifications can be written.

The TSG T Chairman was thanked for his presentation which was then [noted](#).

8.3.2 Information on Release 1999, Release 4, 5 and 6 status in TSG T

[TD SP-040722](#): Reply (from T WG3) to LS on definition of RAT. this was provided to TSG SA for information and was [noted](#).

8.3.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The status of the work within TSG T was given in the report from the Chairman under agenda item 8.3.1.

8.4 Report from TSG GERAN

8.4.1 Report and questions for discussion from TSG GERAN

[TD SP-040892](#): TSG GERAN Report to TSG#26. The report from TSG GERAN activities and Status was presented by the TSG GERAN Chairman.

Questions and comments:

Slide 9: TS 43.129 Packet Switched Handover for GERAN A/Gb mode. The RAN Chairman reported that there may be some impacts of this TR and this would be checked by TSG RAN WGs. This was [noted](#).

Slide 9: It was clarified that other work may be needed in WGs, as already mentioned by the RAN Chairman. Feedback from the impacted groups was needed before it can be determined whether this can be completed for Rel-6.

Slide 17: On board plane cellular systems. The allocation of the GSM band may be restricted to non-air use and this should be checked in GERAN to ensure it is within Regulations. The GERAN Chairman reported that there was a request to the European Commission on this and the GERAN work was concerning shielding, rather than transmission at the moment.

Slide 14: ~~On board plane cellular systems~~[GAN](#). SA WGs were asked to study this to determine whether a Workshop is needed. It was reported that feedback had been received from SA WG2 and SA WG3 which was positive and no co-existence problems were identified. Therefore it did not seem necessary to have any special co-ordination on this work item.

Slide 14: The feasibility study TR 43.901 has been approved. The stage 2 is considered stable and other groups are being given time to check it before approving it and working on the Stage 3.

The TSG GERAN Chairman thanked himself for his presentation which was then [noted](#).

8.4.2 Information on Release 1999, Release 4, 5 and 6 status in TSG GERAN

There were no specific contributions under this agenda item. The status of the various releases are included in the TSG GERAN Chairman's Report under agenda item 8.4.1.

8.4.3 Information on status and changes to deliverables

There were no specific contributions under this agenda item. The status of the work within TSG GERAN was given in the report from the Chairman under agenda item 8.4.1.

8.5 Letters to other groups

~~The following Liaison was agreed for transmission to other groups:~~

TSG SA Document	Title	To	CC

~~There were no specific contributions under this agenda item.~~

8.6 3GPP Work plan

TD SP-040899: Release 4 Features Description document. This was introduced by A. Sultan, MCC and included a description of the Rel-4 Features, as developed by MCC (and some other experts for the *Low Chip Rate TDD option*). MCC were thanked for this work, which was considered very valuable to Members. MCC were asked to add this with the other Feature descriptions to the 3GPP web site.

TD SP-040898: Work Plan at TSG SA #26. This was introduced by A. Sultan, MCC and showed the status of the Work Plan at this meeting. This will be updated after the meeting to include updates agreed at the TSG meetings. The Work Plan was **noted**.

TD SP-040897: Work Plan Presentation from MCC to TSG SA#26. This was presented by A. Sultan, MCC and presented the MCC-developed status of the active Work Items on the work plan.

Slide 20: IMS Conferencing. It was reported that the IETF Dependencies are still critical. TSG CN agreed that they would wait and review the status of the Drafts at the next TSG CN meeting and remove them if not ready.

Questions and Comments:

Slide 21: IMS Messaging: It was confirmed that Deferred Messaging Type on IMS Messaging is not part of Rel-6.

Slide 21: IMS Management Activities. It was noted that SA WG1 should be kept informed of work on this.

Slide 28: Splitting of Priority Service. The Multimedia aspects will not be part of Rel-6 so splitting this out to Rel-7 should be done.

Slide 35: FS on (U)SIM Security Reuse by Peripheral Device on Local Interface. It should be clarified whether this is a Feature or only a FS. The SA WG3 Chairman reported that this FS was agreed on the condition that it would not delay the WLAN Interworking Security and a CR has been presented on changes inspired by this FS as it did not delay the work. This was confirmed to be a FS.

Slide 45: 3GPP Enablers for services like Push to Talk over Cellular (PoC). It was proposed to be re-introduced in Release 6 as 3GPP aspects are now completed (except charging and testing). This was **agreed**.

Slide 56: Presence. Pk interface No input received so far, supporting companies asked again to contribute if it to be kept in Rel-6.

~~TS 29.199-14 on "OSA, Parlay X web services, Presence":~~ Alignment to be checked with latest set of SA2's interface (Pr and Pp). SA WG2 should align with Stage 3 and consider removing any interfaces not fully defined in Stage 3 from Rel-6.

Slide 61: CN Trace WID. SA WG5 confirmed that they would produce a Rel-7 WID. CN WG4 have many issues to be clarified by SA WG5 before they can continue work on the Rel-6 work. This could cause further updates of the SA WG5 work.

Slide 66: IMS Local services: moved to Rel_7. Supporting companies have to create a new separate WID to include this functionality in Rel-7. The SA WG2 Chairman reported that the work was done but removed from Rel-6 as the corresponding Stage 3 work was not done. CN WGs need to generate a WID. If there is interest in CN then SA WG2 will be asked to re-introduce their work into Rel-7.

Slide 72: 3GPP Access Class Barring and Overload Protection (ACBOP). It is hoped that this can be completed by March 2005 for inclusion in Rel-6. The status of this for inclusion in Rel-6 will be reviewed in March 2005. It was confirmed that GERAN networks were included in the scope of the Feasibility Study.

Slide 71: Enhancement of E2E QoS. It was reported that Progress of this is now greater than 25% complete. The SA WG2 Chairman reported that the completion was around 50%.

Slide 73: It was clarified that the work is stalled at the moment due to the lack of access to Galileo specifications.

Slide 67: CS Video and Voice Service Improvements. TR 23.903 should be moved to Rel-6 as there is no expected Stage 3 impact. This also needs to be added to the GERAN slides (post Rel-6).

Slide 26: WLAN/UMTS interworking. It was commented that tunnel redirection had been completed in SA. It was clarified that the changes need to be done in CN.

Slide 27: new WID on support of SMS and MMS over IP networks (including WLAN). The overlap issue should be handled in the WLAN Interworking discussions.

Slide 42: Network Sharing. The CN work is 100% complete. It was clarified that the use of the terminology is being clarified, not that the PLMN Selection work is unsolved. This was moved to a slide on TEI instead of Network Sharing, as it was considered misleading there.

It was clarified that slides up to Slide 63 are intended to be a part of Rel-6, the 11 postponed Features will be re-assessed in March 2005 for whether or not they will remain in Rel-6.

The Slides were updated with the agreements and comments made in [TD SP-040927](#) which was briefly reviewed. For Slide 71, it was commented that there are other Network-initiated solutions under discussion for CS Video and Voice service for Rel-6 and this should be included somewhere in the slides. It was clarified that this information was included in Slide 55. [noted](#).

8.7 Review of Release 1999, Release 4 and Release 5 specification sets

[TD SP-040826](#): status list before TSG meetings #26. This was introduced by J. Meredith, MCC, and was provided for information and was [noted](#).

[TD SP-040827](#): status list after TSG meetings #26. This will be provided after the meeting for information, containing the updates resulting from agreements at the meeting. Delegates were invited to study this.

[TD SP-040917](#): Specs lists per Release; a comparison. This was introduced by J. Meredith, MCC and was provided for information. The attached Excel file can be filtered on WG to provide details of only those WGs selected. The document was [noted](#).

[TD SP-040880](#): Proposed CRs to lists of specs. It was noted that the CR023 to TS 01.01 was the wrong version of the CR and it was revised in [TD SP-040931](#) [and was approved](#). All other CRs were [approved](#).

8.8 Review of Release 6 status, content and completion

[TD SP-040894](#): Proposed content of Rel-6. This was provided by NTT DoCoMo and it was verified that the issues raised in the Rel-6 part had been covered by the discussions on [TD SP-040897](#) under agenda item 8.6. The proposal for Rel-6, proposal (1) contained in this contribution was **accepted**.

For the post Rel-6 part:

- (2) In order to complete 3GPP releases in a timely manner from Rel-7 onwards, it is recommended that an official process for determination of the content of a particular 3GPP release be defined. Possible methods for achieving this include:
 - a) Updating the 3GPP Working Procedures. A proposal for such a process should be produced by TSG SA and proposed to the PCG.
 - b) Updating TR 21.900 "Technical Specification Group working methods" to document this process.

It was **agreed** that proposals for closing dates of requirements, and process for determining the close dates for the next Release were welcomed at the next meeting, and WGs should also consider reasonable time periods for the development of the new features.

8.9 Beyond Release 6 and/or Current work plan (Vision, Phasing, New Technology etc.)

[TD SP-040870](#): Proposed method for progressing work on 3GPP system evolution. This had been introduced by NTT DoCoMo Inc. under agenda item 4. It was concluded by a future evolution drafting group that the evolution would continue in TSG RAN with the method they had agreed there and work would continue in line with agreements made by TSG SA for the SA work.

[TD SP-040922](#): Proposed Feasibility Study on 3GPP System Architecture Evolution. This had been introduced by Vodafone under agenda item 4 as [TD SP-040883](#) and was revised for this further discussion in the future evolution drafting group. The work item proposal was reviewed. It was requested to correct "DoCoMo" to "NTT DoCoMo" and to add Samsung, T-Mobile, 3 and China ZTE to the list of supporting companies. "Don't know" will be indicated for the UICC impacts. The WID was revised to make these changes and remove the revision marks in [TD SP-040928](#) which was **approved**.

[TD SP-040919](#) Working procedure for 3G evolution. This was introduced by TIM and proposed a solution in order to improve the current working method:

- avoid adoption of technical solutions that are not justified by service requirements
- avoid unnecessary options and complexity
- enforce a top-down standardization process
- technology solutions justified by proper service requirements
- provide a proper guidance to 3GPP WGs

TIM proposed the following procedure for 3G evolution:

- Study phase
 - Keep current 3GPP structure to proceed RAN and SA feasibility studies on 3G evolution
- Specification phase
 - Create an "Ad-hoc group on 3G Evolution" to steer overall 3GPP specification work on 3G evolution -> 3GE Ad-Hoc
 - Create an "Ad-hoc group on 3G Evolution" for each TSG (and possibly each TSG WGs)

It was generally **agreed** that there is a need for strong co-ordination between the groups on this work. It may be necessary to create a Work Item in the short-to medium term future to separate out the Work in RAN and SA WGs. An explicit agenda item will be created in the TSG SA agenda to report on and discuss activities in the various WGs. It is also necessary to constantly review the suitability of the work to be done within 3GPP.

It was not considered appropriate to create an ad-hoc group on this at present, but this can be reviewed when the work has progressed and Reports from the WGs have been received by TSG SA.

[TD SP-040879](#): Discussion for I-WLAN WIDs. This was provided by Samsung and was covered by other discussions. The contribution was [noted](#).

[TD S3-040923](#) I-WLAN WIDs for scenario 3 enhancement in Release 7. This was introduced by Samsung on behalf of Samsung, NEC, Fujitsu and T-mobile and proposed the approval of a WID on "WLAN Interworking - Enhancements to support 3GPP PS Services over 3GPP/WLAN Interworking", in order to allow SA WG2 to start relevant works immediately. It was asked whether more work would be needed in SA WG1 related to this. It was confirmed that the SA WG1 work is already done. It was suggested that this is contributed to SA WG2 in order to have agreement in the group before approving the WID. Nokia reported that there will be a potential problem as WLAN specifications do not make provisions for QoS and work would be needed on the WLAN specifications for this. Samsung responded that there 802.11e provided QoS. Nokia reported that this was incompatible with 3GPP QoS requirements and would not be suitable as it stands.

T-Mobile agreed that they would contribute to the next SA WG2 meeting if the WID is approved by TSG SA. There were companies who believed there were a number of open items who could provide contribution to SA WG2 describing these problems. **SA WG2 were asked to take these contributions into account at their meeting and focussing on specific areas which need to be covered. When the work which needs to be done is clarified, SA WG2 can provide an updated WID for approval to the next TSG SA meeting.**

[TD SP-040930](#): Progression of work on WLAN Interworking Scenario 4 & 5. This was discussed under agenda item 4 in [TD SP-040871](#) which was revised in this document for further discussion. This was introduced by NTT DoCoMo Inc on behalf of NTT DoCoMo and T-Mobile and proposed:

- that the conclusion of the discussion of CR 010 to TS 22.234 in [TD SP-040737](#) provided for approval at TSG SA#26:
 1. The CR 010 to TS 22.234 in [TD SP-040737](#) is to be approved at TSG SA#26.
And,
 2. The following text is included within the minutes of TSG SA#26:

TSG SA notes that the AIPN work has identified the need for a general solution for session continuity between heterogeneous networks. However, TSG SA also notes that there is demand for the availability of session continuity between I-WLAN and 3GPP systems. TSG SA asks SA WG1 to ensure that a coordinated approach is taken for this work. In addition, SA WG1 is asked to consider requirements to ensure that a smooth evolution of the 3GPP system considering the Work Item on '3GPP System Architecture Evolution' for SA WG2 approved in [TD SP-040928](#) (e.g. by taking into account the impact of the terminals). In order to achieve this specification work based on the AIPN Feasibility Study should be considered.

These proposals were discussed and it was clarified that there is no intention to indicate any dependencies between I-WLAN and 3GPP systems. It was [agreed](#) that:

TSG SA noted that the All-IP Network work is likely to need session continuity in general as well as between I-WLAN and 3GPP systems. TSG SA asked SA WG1 to take a co-ordinated approach on work on session continuity. SA WG1 were asked to consider additional requirements to allow for a smooth evolution of the 3GPP System and to take note of the work in SA WG2 on the Work Item "Feasibility Study on 3GPP System Architecture Evolution". The work should take into account the specification work resulting from the AIPN Feasibility Study.

8.10 Other issues

There were no specific contributions under this agenda item.

9 Project Management

[TD SP-040873](#): "Ease of reach" of meeting locations. This was introduced by Siemens and proposed that TSG SA endorse the following recommendations for meeting venues and forward this to the WGs:

- Meeting places should be in "ease of reach" for the three regions of the 3GPP, Europe, East Asia, North America
- Places as South America, Australia, South Africa are clearly not in "ease of reach"

By preference, exceptional meetings not in “ease of reach” to show market presence or to satisfy other relationship aspects should be covered by PCG/OP Meetings.

After some discussion, it was **strongly recommended** that before accepting an invitation for a meeting which is not within easy reach, the delegates should be asked whether there is a problem for attendance. The current rules for meeting venues were considered adequate to avoid most of the problems outlined by the contribution. In addition to consideration of the geographic distribution of Members, also take into account that meeting location is reasonably easy to reach for the delegates.

TD SP-040824: CRs to 21.900. These CRs were **approved**.

10 Project support

TD SP-040828: MCC status report. This was presented by J. Meredith, MCC and outlined the changes in MCC since the last TSG SA meeting and the expected changes before the next TSG SA meeting.

Friedhelm Rodermund will leave MCC at the end of December and was thanked for his great contribution to MCC and the 3GPP Project.

David Boswarthick will be transferred to the TISPAN Project and will no longer cover the SA WG2 and TSG CN after March 2005. Karen Hughes, MCC assistant who has supported many TSG meetings will be moving to another ETSI department. Replacements are to be sought for these departures.

As a consequence, re-organisation of the Support team can be expected and final details will largely depend on the skills of the replacements.

The TSG CN Chairman thanked MCC experts for their hard work and contribution to the running of the Project and a round of applause was given for the hard work of those who are leaving. He also requested that the MCC leadership work closely with the Chairmen in order to make the transition in March 2005 as smooth as possible.

The TSG SA Chairman expressed surprise at the number of Release 1999 CRs and clarified that this was misleading because the Testing work for Release 1999 was largely responsible for this statistic. MCC was asked to separate this from the main statistics to give a more realistic view of the stability of the Releases.

J. Meredith was thanked for his presentation, which was **noted**.

11 Postponed issues from earlier in the meeting

There were no specific contributions under this agenda item. Postponed items are reported under their original agenda items for clarity.

12 Work plan and future meetings

The current meeting schedule was as follows:

TITLE	HOST	DATES	LOCATION	COUNTRY
3GPPRAN#27	AF3	9-11 March 2005	Tokyo	Japan
3GPPT#27	AF3	9-11 March 2005	Tokyo	Japan
3GPPCN#27	AF3	9-11 March 2005	Tokyo	Japan
3GPPSA#27	AF3	14-17 March 2005	Tokyo	Japan
3GPPGERAN#24	EF3	4 - 8 April 2005	Dublin	Ireland
3GPPRAN#28	NAF	1 - 3 June 2005	Quebec	Canada
3GPPCT#28	NAF	1 - 3 June 2005	Quebec	Canada
3GPPSA#28	NAF	6 - 9 June 2005	Quebec	Canada
3GPPGERAN#25	TBD	20 - 24 June 2005	USA	USA
3GPPGERAN#26	TBD	29 August - 2 September 2005	TBD	TBD
3GPPRAN#29	EF3	21 - 23 September 2005	Tallinn	Estonia
3GPPCT#29	EF3	21 - 23 September 2005	Tallinn	Estonia
3GPPSA#29	EF3	26 ¹ - 29 ³ September 2005	Tallinn	Estonia
3GPPGERAN#27	TBD	7 - 11 November 2005	USA	USA
3GPPRAN#30	EF3	30 Nov - 2 Dec 2005	Malta	Malta
3GPPCT#30	EF3	30 Nov - 2 Dec 2005	Malta	Malta
3GPPSA#30	EF3	5 - 8 December 2005	Malta	Malta
3GPPGERAN#28	TBD	TBD	TBD	TBD
3GPPRAN#31	TBD	8 - 10 March 2006	China	China
3GPPCT#31	TBD	8 - 10 March 2006	China	China
3GPPSA#31	TBD	13 - 16 March 2006	China	China

13 Any other business

TD SP-040932 Release 6 Submission form. [WGs were asked to use this form for submission of items for Rel-6 at the next TSG meetings.](#)

14 Close of meeting

The TSG SA Chairman thanked the delegates for their hard work and co-operation during the meeting, the Meetings Hosts, European Friends of 3GPP and the Support staff for the excellent facilities provided for the TSG meetings. He then closed the meeting.