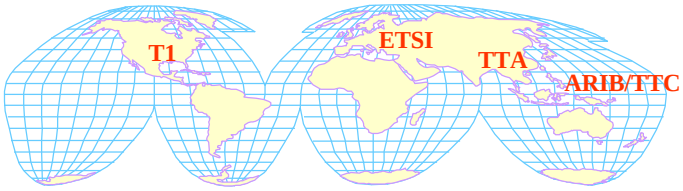
TSG-SA Working Group 1 (Services) meeting #2 ***TSGS1#2(99)105***
Edinburgh, Scotland 9th-12th March 1999

TSG-SA Working Group 1 (Services) meeting #1 *TSG S1#1(99)103*
Sophia Antipolis 1st - 5th February 1999



3rd Generation Partners Group

Draft Report Version 1
February 18, 1999

TSG_SA_WG1#1 99-1 Plenary Meeting

February 01-05, 1999
Sophia Antipolis, France

TSG_SA_WG1 Convenor: **Alan Cox**
Secretary: **Roger Tarazi**

DRAFT REPORT

TITLE: REPORT OF THE 3GPP_TSG_SA_WG1 (Services) Meeting #1 (99-1)

SOURCE: R. TARAZI, Secretary, A K COX, Convenor

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0. Executive Summary

This was the first meeting of WG1 (Services) of 3GPP TSG SA and was attended by delegates from ARIB, ETSI, TTA and TTC. Good progress was made in agreeing baseline inputs from the member organisations, representing work already done by them. Some further work resulting in change requests was agreed and Revised Terms of Reference, a list of Work Items and a Work Program were all prepared for approval by TSG SA. Elections for Chairman and vice-chairmen will be held at the next meeting, in Edinburgh during March.

1. Introduction and welcome to delegates

Alan Cox, the Convenor, opened the first meeting of the services group of 3GPP and welcomed delegates from Japan representing ARIB and TTC, from Korea representing TTA and all ETSI delegates. Due to an air controllers' strike in France, many delegates were delayed in their travel and therefore, due to a lack of quorum on the first day, the meeting opened officially on the 2nd day at 1000.

2. Approval of agenda

The Agenda in Tdoc 001 was approved.

3. Registration of documents

The meeting worked largely electronically, with CD-ROM and diskette, with some delegates using the ETSI LAN. There was also paper back-up.

4. Scope of WG-1

The Convenor clarified the objectives of TSG_SA_WG1 and stated that, as the Services group, it is our responsibility to give guidance to other groups. He reminded that the group's task is to produce UMTS Release 99 that meets the market requirements, in a broad way and to include the requirements of all partners.

Tdoc 083 defines 3GPP_**TSG_S**A_WG**1** (abbreviated by **TSG-S1**) Terms of Reference. The document is based on input from TSG SA#1 but aims to add clarity and detail in some areas. It was drafted by a small group of delegates and agreed for submission for approval to TSG SA#2. It covers the scope, responsibilities, objectives and outputs. The **outputs** of this Working Group are specifications and reports, or changes to these, which, it is proposed, are all submitted to TSG SA for approval. **Once approved they shall form the basis for the work for the whole of 3GPP.**

TSG SA is invited to approve ToR in tdoc 083.

GENERAL INPUTS

Value Added Services requirements

Tdoc 026 is a contribution on standardising embedded applications in UMTS from SMG4. It was noted and prompted S1 to initiate a response to TSG SA, T and T2 in **Tdoc** 089. This is a Liaison Statement on Work distribution between TSG S1 and TSG T2 and highlights that there is an overlap between S1 and T2's mandates and that T2 has created a group to consider services and to prepare reports on services over IP, on VHE/SAT/MExE scenarios and on a review of end-to-end services. With this contribution, S1 seeks to open a debate between SA and T2 to clarify the respective ToRs, avoiding overlap and co-operating with others in the process of creating service requirements. This was agreed.

TSG SA is invited to note the LS in Tdoc 089.

Tdoc 027 contains the stage one description of the Mobile Station Application Execution Environment (MExE). This specification has been approved at SMG#25, Rapporteur is Mark Cataldo. It was noted.

Fixed Mobile Convergence

Tdoc 033 is a contribution from BT highlighting the importance of ensuring the consistency of services in mobile, cordless and fixed access. In order to meet these objectives it is proposed that the work of the TSG be progressed upon the basis of describing service and service capability requirements, as far as possible independent of the type of access network and requiring the user experience of a service and associated

procedures (e.g. man/machine interface) to be consistent for all types of access under consideration. The meeting welcomed that contribution which is in line with S1's objectives.

Tdoc 047 is a study on the requirements for UMTS TDD and Private Systems, prepared by UK TAG (Third generation Advisory Group) and provided by Graham Crisp of Marconi Communications Ltd, along with a presentation on UMTS Fixed and Cordless Applications.

Given the high level of importance of FMC, S1 agreed to consider the Service Aspects related to the scenarios that use the Licence Exempt Spectrum, see the Table of 3GPP Responsibilities in Tdoc 047.S1, then tasked Graham Crisp and Wayne Ashwell, to review UMTS 22.00, 22.01 and 22.05 and to recommend to S1 any changes that are required to those specifications in order to satisfy the new scenarios. ~~Given the high level of importance of FMC, Graham Crisp was tasked to review UMTS 22.00, 22.01 and 22.05 and to recommend to S1 any appropriate changes to these specifications in order to take into account the private system aspects integration.~~

It was further stated that co-operation with NA6 and with EP UMTS is vital in carrying forward this process. Kevin Holley of BT is currently driving this effort.

Tdoc 075, ~~recommended by Graham Crisp,~~ is a contribution on BRAN, the ETSI Project on Broadband, with services above 2 Mbit/s and typically up to 25 Mbit/. It was noted.

5. Objectives

In the light of the above and in preparation of the analysis of the contributions from the different partners, the following objectives of S1 are to:

- Collect and Review of all the relevant work of the Partner Organisations as identified during TSG-S#1, including completed specifications, work currently in progress and planned work items,
- Define appropriate work packages as described in 3GPP Tdoc TSG#1(98)067. These work packages should detail the deliverables, work content and schedule. A Rapporteur should be selected for each package. Convenor stated that we have to define what to do since timescales are very short and that we need to get the work done very quickly!
- Construct work programs based on work packages,
- Decide on baseline documents to use from the various partners as the basis for each of the deliverables,
- Identify external work packages and relationships, together with liaison representatives.

Note: It was decided that each Working Group should also continue with the work already in progress with the objective of producing first draft specifications by April 1999 and completed specifications by end 1999.

6. Collection and review of work relevant to above scope

6.1 ARIB / TTC CONTRIBUTIONS

6.1.1 Requirements and Objectives for 3G Mobile Services and Systems - Volume 1 (ARIB)

Tdoc 022 contains ARIB's requirements. Seiji Nishioka, NTT DoCoMo, presented this base line document and indicated that it is based on ITU-R recommendations 687, 816 and 1034 radio interface.

TSG SA WG1 set up a subgroup to analyse Section 5.5 (covering service requirements) of ARIB's document and provided in **Tdoc** 086 a preliminary set of notes highlighting the commonalities and discrepancies between UMTS Phase 1 and ARIB's specifications. For the short term some of the areas of discrepancy identified are:

- Data Rates on Circuit Switched (144 or 384kb/s in Release 99)
- Support of WB Speech in the first release, (Planned by SMG for Release 2000 of AMR),
- Support of FAX Group III, (SMG uses Service Capabilities to implement this),
- Paging Service, (Would ARIB implement it using SMS?),
- Video Real-Time (Not standardized for now at SMG, instead uses generic bearers),

It was agreed that the ARIB specifications would be examined in detail to determine if the service capabilities planned in UMTS are adequate for the implementation of ARIB's requirements.

The meeting agreed to request TSG SA to approve Tdoc 022 as containing, among other topics, the service requirements of ARIB. It should then be placed under change control so that any further changes can be identified. The secretariat needs to agree a numbering scheme, but if the present one from SMG is maintained, this document should be in the 21.xx series.

BT was invited to examine ARIB's requirements in section 9 on FWA (FMC) and given that BRAN has Broadband Fixed aspects, SMG12 was requested to provide S1 some guidance on the Iu interface. It was claimed by Tommi Kokkola that no modification is required on the Iu interface to accommodate BRAN. It was noted that BRAN covers both Cordless and fixed access.

David Cooper prepared a Liaison Statement in **Tdoc** 088 to TSG summarising the points of contention between SMG and ARIB's requirements.

This was presented to SMG#28 and should be noted by TSG SA.

6.1.2 GSM evolved network requirements V0.3.5 (TTC)

Tdoc 028 is a TTC contribution, presented by Masahiro Sawada from NTT DoCoMo for inclusion in R99. It was studied during the S1 meeting by a sub-group and the results are summarised in **Tdoc** 063 and further revised in **Tdoc** 085 aiming to align it with ETSI UMTS service requirement documents.

BT asked whether all of the outlined requirements are essential, with an affirmative response. This should be seen as applying to the service creation tools rather than actual services that might be built upon them.

Concerning the requirements for UPT to be supported by UMTS, Convenor stated that ETSI NA2 came to the conclusion that all the important features of UPT will already be supported by GSM & UMTS and that they have asked us to withdraw it as a separate work item.

It was further stated by a Japanese delegate that they do not intend to specify PDC and other specific services in this group.

Rapporteurs for UMTS 22.00 (David Verrier / France Telecom), 22.01 (Paul Dwyer / Vodafone) and 22.05 (Wayne Ashwell / BT) were tasked to prepare CRs to their specifications by February 14, 1999, to be sent for e-mail agreement on the S1 exploder list, validating the wording changes with TTC and then Convenor will ask TSG to endorse TTC's document as a UMTS 21.xx requirement, placing it under change control in the same way as Tdoc 022)
.

Tdoc 076 are a set of 11 Work Items from TTC provided for information. A sub-group was tasked to study this document and compare it with UMTS 22.00.

Tdoc 091, Tdoc 092 are contributions received after the meeting from Yutaka Harada, NEC Corporation. They are proposed CRs to UMTS 22.00 regarding emergency call and Multicall services. These are based on the TTC requirements for 3GPP in Tdoc 028 and to respond to the comments on TTC requirements in Tdoc 085.
[Both CRs were agreed by correspondence ***].

ACTION POINT: UMTS 22.00, 22.01 and 22.05 to prepare CRs to integrate TTC Requirements by Feb 14, 1999

6.2 ETSI / SMG CONTRIBUTIONS

Convenor stated that it is planned that all UMTS specifications will be passed to 3GPP responsibility while some regulatory aspects will be kept with SMG. Once specifications are complete, they will be passed back to the Standards Bodies for inclusion into their standards and formally published by them. As far as common Work Items are concerned, the procedures for handling this will need to be agreed.

A number of the specifications listed below are the best available from SMG1, including some work submitted to SMG#28 for approval. It is possible that some of this work might be rejected or modified, but WG1 worked on the assumption that it would be approved. Further development during the meeting and thereafter will result in change requests which will be submitted to TSG SA for approval.

Tdoc 004 is a proposed approach to 3G Service Requirements presented by Alan Cox in his role as ETSI SMG1 Chairman. He indicated that the set of documents provided are a nearly complete set of what is needed for Release 99.

Tdoc 029 is a contribution from STF SMG tracking the UMTS work programme, describing work items, specifications and reports. The Table giving UMTS service requirements is found in UMTS 30.00V3.6.1, in the Table in Section 4.2. It had been updated in Section 8 “Definition of Work Packages and appointment of Rapporteurs”.
It was noted.

Tdoc 030 This position paper defines the positions agreed by SMG for UMTS (UMTS 30.01V.3.5.1)
The baselines include
- key features of UMTS;
- milestones and time plan for the development of UMTS in a phased approach;
- the principles for evolution from second generation mobile communications systems, in particular GSM and ISDN.

It was noted.

Tdoc 102 is a WID on GSM to UMTS evolution to be presented at the next TSG_SA_WG1 meeting.

6.2.1 TS22.00 UMTS phase 1 Specification

Tdoc 005 is the UMTS Phase 1 Specification that was presented by David Verrier, Rapporteur using view foils in **Tdoc** 057.

Tdoc 040 is a Liaison Statement on Phasing and cross Phase compatibility from MoU SERG S98-120. *(Convenor explained that GSM MoU has an agreement with ETSI and SERG is its services group. They use the SMG1 channel to express their member operators market requirements.)*

Tdoc 058 is an agreed proposal to integrate SERG’s recommendations on cross-phase compatibility in UMTS 22.00 Section 4.1 since this is a very important requirement.
This needs to be presented as a CR to TSG SA for approval.

Tdoc 042 is a contribution from SMG12 on the support of simultaneous mode. David Verrier indicated that this requirement within UMTS is already addressed in UMTS 22.00, Section 8 Ch 7. It was generally agreed, though, that simultaneous mode between UMTS Radio and GSM Radio is not a requirement at this stage. It is, however, important to have the capability to make a phone call while maintaining a session eg to the Internet over a packet network. **Tdoc** 059 is a response to SMG12, SMG2, SMG 2 UMTS L2/3 Group, SMG2 UMTS Architecture Expert Group, SMG3, SMG3 WpC, Cc: 3GPP TSG RAN, 3GPP TSG Wg2 (CN), SMG4 confirming the simultaneous support of both PSTN/ISDN services and IP, but not of the simultaneity of GSM/GPRS and UMTS. The latter are however supported for handover within a terminal.

Tdoc 044 is a response from SMG4 to an SMG1 Liaison Statement recommending the introduction in UMTS Phase 1 of a Short Message Cell Broadcast Service. **Tdoc** 048 is a proposed change to the UMTS 22.00 text to add the service requirement of cell broadcast that was revised and caused the generation of Tdoc 067 replaced by **Tdoc** 070 CR on UMTS 22.00 (David Verrier) and **Tdoc** 066 on UMTS 22.05 (Stephan Kleier).
These CRs to 22.00 and 22.05 to be presented to TSG SA for approval.

Tdoc 068 containing a Liaison Statement to SMG4 copy to TSG_T2 (Mark Cataldo) was agreed by S1 and that will be sent to TSG for approval.

Tdoc 043 is a Liaison Statement from SMG12 on UMTS developments. It was noted.

Tdoc 046 is a proposed contribution on General Requirements for IMT-2000/UMTS Network Standardization prepared by NTT DoCoMo, AT&T Wireless, TIM/CSELT and T-Mobil. This was further revised in rewording the CR in **Tdoc** 069 that was agreed and will be sent for approval and to seek further guidance from TSG. It addresses basically issues concerning deployment of ATM and IP in Networks, optimisation of transmission infrastructure and more.

Tdoc 094 Change Request to UMTS 22.00 regarding optimisation of internetwork signalling. This CR is based on the TTC requirements for 3GPP(S1-99028) and to respond to the comments on TTC requirements (S1-99085). This contribution is from Mutsuo Shiiya of Fujitsu. [Agreed by correspondence ***].
[This CR to 22.00 is submitted to TSG SA for approval.]

Tdoc 095 is a CR GSM evolved core network requirements to 3GPP from TTC. A contribution from Miyuki Soejima from NIPPON TELECOMMUNICATIONS CONSULTING CO.,LTD. [Agreed by correspondence

***]. This CR addresses issues relevant to traffic monitoring and measurement. It is based on TTC's requirements in **Tdoc** 028 and to respond to the comments on TTC requirements in Tdoc 085.
[This CR to 22.00 is submitted to TSG SA for approval.]
Tdoc 098 is a WID to be prepared by David Verrier on UMTS Phase 1 and to be presented at TSG_SA_WG1.

Feedback from SMG#28:
UMTS 22.00 Phase 1 Specification has been Approved without further change.

6.2 2 TS22.01 Service Principles

Tdoc 034 contains TS 22.01 including 5 CRs that are presented to SMG#28 for approval. One of these on Network Selection is still contentious. **Tdoc** 053 is a presentation prepared by Paul Dwyer reflecting the contents of the service specification.
Tdoc 041 is an input from SERG on Network Selection. It was noted.
Tdoc 099 is a Pending WI on 22.01.

Feedback from SMG#28 on CRs:
1. Network Selection: *Rejected – but a revised CR was approved*.
2. Clean up for UMTS phase 1: *Approved,*
3. Changes in IC card and terminal service requirements: *Approved,*
4. Clean up of 22.01 Clarification of general requirements for efficient use of radio resources: *Approved,*
5. Inter-operator handover: Not required within Phase 1: *CR Rejected on regulatory grounds*

6.2.3 TS22.05 Services and service capabilities

Tdoc 035 is the Technical Specification on Services and Service Capabilities. CRs pending approval at SMG#28 have already been applied as an indication of the work agreed by SMG1. **Tdoc** 056 is the corresponding presentation prepared by David Verrier, France Telecom. **Tdoc** 096 is a WID on Services & Service Capabilities prepared by Wayne Ashwell and to be debated at next TSG_SA_WG1 meeting.

Note that in Tdoc 066 (see 6.2.1 above) a CR to 22.05 is submitted to TSG SA for approval.

Feedback from SMG#28 on CRs:
ALL CRs were approved by SMG.

6.2.4 TR22.07 Terminal and Smart Card Concept

Tdoc 008 contains TR22.07 which was approved at SMG#27. It was noted. **Tdoc** 049 is an LS regarding the specification of MMI(Man-Machine Interface) for MS(Mobile Station). It was presented by Mark Cataldo on behalf of Mr Nagato of NTT Docomo. It was stated that it might be useful to summarize all the functions than to have them distributed over many specifications. Convenor stated that GSM 02.30 gives good advice that can be followed. GSM Association's TG.22 also addresses MMI issues. Both of these documents were made available to Seiji Nishioka who indicated that ARIB is working on MMI as well.

ACTION POINT
Paul Dwyer, Vodafone has been tasked to find out what the MMI requirements are from different regions and to prepare a report to cover a brief description of what is required from PDC, …. and suggest how VHE can be applied to allow terminals …..

Concerning MMI, Convenor indicated that we shall not duplicate information. We should reference GSM 02.30. Also, some requirements of GSM 02.30 that are mandatory for GSM can be considered optional but desirable for UMTS.

6.2.5 TS22.15 Service Aspects Charging & Billing

Tdoc 037 contains TS 22.15 (**Tdoc** 050 contains the presentation prepared by David Chambers and presented by Mark Cataldo). It covers the service aspects of charging and billing. In GSM, much of this responsibility was with the operators of the GSM Association, but it is felt that in UMTS, open standards will be needed. This specification has now been completed by SMG1 and is submitted to SMG#28 for approval. It was noted that David will be unable to keep this responsibility and in his place, the meeting welcomed the offer of Emanuele Montegrosso to become rapporteur.

Feedback from SMG#28:
UMTS 22.15 Specification has been Approved.

6.2.6 TR22.24 Charging and Accounting mechanism

Tdoc 009 This report outlines the requirements and proposes new mechanisms to be used for billing and charging in UMTS.

Tdoc 093 is a Work Item on Charging and Accounting that was sent after the meeting by Emanuele Montegrosso, TIM. [Agreed by correspondence ***].

Feedback from SMG#28:
UMTS 22.24 Specification has been Approved.

6.2.7 TR22.25 Quality of Services and Network Performance

Tdoc 010 contains the Technical Report on QoS and Network Performance. Convenor stated that there are still open issues in this document but it can be used as an interesting guidance for further development. **Tdoc** 039 is a CR 2225A002 that was brought by MMO. It was endorsed. Convenor requested that this be studied off-line by David Verrier from France Telecom, Seppo Tiainen from Sonera and other partners, in the light of SMG12's output on QoS and to report back to TSG_SA_WG1 and to WG2. The group will recommend whether to drop TR22.25, develop it or add a new Chapter in TS 22.05 on QoS.
((Roger learned from Seppo that he is relinquishing his role as rapporteur))

Tdoc 071 is a Work Item description on QoS drafted by Olle Ericsson and **Tdoc** 072 is a Report on QoS prepared by Olle Eriksson.

Tdoc 065 is a contribution from DoCoMo/NEC/Fujitsu on Requirements For 3GPP SA Service Capabilities. It was presented by Jumoke Ogunbekun. She was requested to get inputs from ARIB and TTC on QoS and update the requirements document. This document is to be passed to QoS adhoc, along with the other SMG Tdocs to WG2.

ACTION POINT
Adhoc group lead by David Verrier, other delegates to progress the Work Item on QoS with Joint efforts from TSG_SA_WG1 and WG2 and input the results to the meeting in Edinburgh in March.

6.2.8 TR22.60 Mobile Multimedia, Internet and Intranet

Tdoc 011 is the Mobile Multimedia report on Internet and Intranet developed by SMG1 - It was noted. A joint SMG1, SMG4, SMG12 Adhoc on MultiMedia has met twice in September and in December 1998. Outputs from this adhoc are **Tdoc** 017 containing a Technical Report, TR22.72 on Real Time Multimedia in UMTS prepared by the Rapporteur Ralf Fischer, Bosch. For Real Time Multimedia, a Work Item was developed in **Tdoc** 025 and a Summary of conclusions in **Tdoc** 019 were noted. For Multimedia Messaging, a Work Item is in **Tdoc** 024 and a summary of the list of features candidates for standardization are in **Tdoc** 020. These were noted as well.
Tdoc 023 is a contribution from Nokia. Convenor invited the delegates to study these documents identifying missing elements.
Convenor indicated that, though it is SMG1's task to set service requirements, the primary responsibility lies with the Data Group (Kevin Holley) who will keep us informed
Multimedia will be discussed at TSG to make sure there is no duplication. ….

6.2.9 TR22.70 Virtual Home Environment

Tdoc 012 is a report on the Virtual Home Environment. An adhoc on VHE has recently produced in **Tdoc** 038 TS22.21 Provision of Services in UMTS - The Virtual Home Environment, along with a presentation on this topic prepared by Jumoke Ogunbekun in **Tdoc** 061. **Tdoc** 101 contains a WID on VHE. It will be discussed at next TSG_SA_WG1.

Convenor stated that VHE is both a short and long term project. VHE is a suite of service capabilities. It is based on a set of tools such as CAMEL, SIM Application Toolkit, MExE (Mobile Application Execution Environment) and that the WG1 has to make sure that we have enough capabilities to support UMTS R99. VHE is a common Work Item for both GSM and UMTS.

Tdoc 064 is a contribution from DoCoMo/NEC/Fujitsu on Proposed VHE Requirements For 3GPP SA VHE Document.

ACTION POINT

Jumoke Ogunbekun was tasked to incorporate this contribution in the next draft of TS 22.21 and xxxxxx ARIB

6.2.10 TR22.71 Automatic Establishment of Roaming Relations

Tdoc 013 is the above referenced report. It was noted.

6.2.11 TR22.75 Advanced Addressing

Tdoc 014 is a Technical Report on Advanced Addressing and **Tdoc** 074 a presentation on that topic. They were noted. **Tdoc** 101 is a WID to be prepared by Stephan Kleier and to be presented at next TSG_SA_WG1.

ACTION POINT
Stephan Kleier was tasked to produce a CR to TS 22.01 (2201A014) in order to introduce these addressing concepts in TS22.01.

A CR on this is expected at the next meeting of S1.

6.2.12 TS22.29 Handover Requirements between UMTS and GSM or other Radio

Tdoc 036 and **Tdoc** 060 are the Test Specification on Handover and its corresponding slide presentation. **Tdoc** 045 is a Proposal from T-Mobil for re-phrasing of the Security requirements in case of handover and roaming. This was not endorsed since responsibility for this lies with S3.

These documents were debated at length and an updated version of the specification is expected at our next meeting. Steve Green, DTI, requested support of handover between operators. The meeting felt that this was not possible in Release 99 but supported it as a long term goal.

ACTION POINT

UK Regulator (Steve Green) was tasked by the Convenor to make a contribution to TSG about Handover requirements.

However, SMG#28 rejected the removal of the requirement for inter-operator handover in Release 99, although they conceded that it might prove difficult to implement. Still, they wanted the requirement to be stated.

Tdoc 097 contains a WID on Handover to be debated at next TSG_SA_WG1 meeting.

6.3 T1 CONTRIBUTIONS

No delegates from T1 registered for the meeting.

No inputs were received.

6.4 TTA CONTRIBUTIONS

Tdoc 073 is a contribution from SAMSUNG Electronics, LGIC (TTA, KOREA) on General requirement for interworking with 3G IS-41 Networks In Korea. This was agreed in principle, but felt to be the responsibility of TSG SA to determine if this was within the scope of 3GPP.

Chairman invited TTA to prepare a Work Item description on IS41 inter-working with UMTS. To be e-mailed within a week from end of this meeting so it can be presented at TSG. This was done in **Tdoc** 077. [Agreed by correspondence ***].

Some of the issues raised are:

- Authentication will not succeed - If IS41 had a SIM card, you will have plastic roaming!
- Interworking between Core networks,
- Concern about Fraud in Analogue networks…

6.5 UMTS FORUM

There was no representation from the UMTS forum and no inputs received.

6.6 MEMBERS CONTRIBUTIONS

All contributions, originally assigned to this agenda item have been moved to the appropriate agenda item relevant to the topic addressed.

7. Decision on baseline documents to use

As described above, it was recommended that TSG SA adopt the inputs from Japan and ETSI and place them under change control once approved by TSG.

Tdoc 062 is a contribution from Jumoke Ogunbekun, Fujitsu on a baseline document. It was presented for discussion.
Tdoc 082 *(Tdoc ~~078~~ was not available and was replaced by this one)* is contribution from David Cooper on a proposed process for agreeing Baseline Documents recommending a way forward for streamlining the partners requirements, through a detailed analysis into one set of deliverables. The approach was agreed by the meeting and Convenor will summarize contents and submit report at TSG. Please refer above for summary of the status of the ETSI SMG 22 series documents.

ACTION POINT Convenor to Include summary of contents of Tdoc 082 on a proposed agreement on a base line document and present to TSG.

Tdoc 051 is a contribution from Nokia on Services standardization at 3GPP, Nokia. It recommends the establishment of a joint TSG SA WG1, TSG SA WG2, TSG CN WG2 and TSG T WG2 to deal with Service Capabilities (Tools) This was supposed to have been updated in **Tdoc** ~~079~~ which was withdrawn.
Tdoc 052 is again a contribution from Nokia on Work transfer from SMG1 to 3GPP it recommends the transfer of all the 22 series to 3GPP. It recommends as well the transfer of all the 02 series that is of relevance to UMTS. Following long debates, the meeting agreed on a way forward supporting the view outlined in above document on what to transfer to 3GPP. Convenor has, therefore, prepared to present at SMG#28 the meeting consensus in ***SMG#28 Tdoc 99-046*** that contains **Tdoc** 080 from the Convenor, **Tdoc** 081 (an update of Tdoc ~~052~~) and the Convenor's update to Tdoc ~~087~~ in **Tdoc** 090 on work packages addressed in Section 8 below.. Now, concerning the specifications to transfer to 3GPP, SMG#28 decided however that …..

Feedback from SMG#28: All the GSM Specifications will remain at SMG with the exception of the ones dealing with service capabilities such as CAMEL, MExE, SAT that will be owned jointly by ETSI SMG and 3GPP. Thus 02 series stays with SMG, 22 series transfers to 3GPP. However, this proposal needs to be ratified by TSG.

Furthermore, the meeting agreed with the Convenor to have the SMG1 and the S1 meetings to be sequential and co-located as described in Section 14. below.

To ensure the consistency of Work Items, Wayne Ashwell from BT volunteered to co-ordinate the process. He was therefore assigned as a project co-ordinator. A Work Program with associated time scales needs to be prepared for those WIs already approved by SMG and for those that are either not yet ready for approval, such as VHE and those that are pending preparation such as TTA WI Description where practical timescales would need to be proposed.

8. Definition of Work Packages and appointment of Rapporteurs

A result of the review of the ETSI SMG Work Items is shown in the table below, reflecting the distinction between Technical Reports (TR) and Technical Specifications (TS), providing the name of the current or new Rapporteur and the Approval Status of each Work Item.

Spec	Title	Rapporteur	Not Yet Appr	Appr status:
TS22.00	**UMTS PHASE 1 CAPABILITIES** ACTION POINT: Tdoc 070 CR will go to TSG#2 to Florida	David Verrier, France Telecom		V3.0.0 SMG#28

TS22.01	**UMTS SERVICE PRINCIPLES**	Paul Dwyer, Vodafone		V3.3.0 SMG#27
TS22.05	**SERVICES AND SERVICE CAPABILITIES**	Wayne Ashwell, British Telecom		V3.1.0 SMG#26
TR22.07	**UMTS TERMINAL AND SMART CARD CONCEPTS** ACTION POINT: Determine to maintain or otherwise…	Mika Tolvanen, Nokia		V.3.0.0 SMG#25
TS22.15	**SERVICE ASPECTS: CHARGING AND BILLING** NOTE: It is one of the items on our terms of reference!	Emanuele Montegrosso, TIM		V 3.0.0 SMG#28
TS22.20	**SERVICE MANAGEMENT** Incorporated in VHE St 1 - Guidance needed at next meeting!	Paul Dwyer, Vodafone	V0.0.3	on hold
TS22.21	**VIRTUAL HOME ENVIRONMENT**	Jumoke Ogunbekun, Fujitsu	V0.4.0	V1.0.0 at TSG S1 #2
TR22.24	**CHARGING AND ACCOUNTING MECHANISM**	Emanuele Montegrosso, TIM		V3.0.0 SMG#25
TR22.25	**QUALITY OF SERVICE AND NETWORK PERFORMANCE** Use the information from 22.25 into 22.05 Bringing in QoS req from other regions was proposed…	Olle Eriksson coordinates QoS		V3.1.0 SMG#25
TS22.29	DRAFT **HANDOVER REQUIREMENTS BETWEEN UMTS AND GSM OR OTHER RADIO SYSTEMS**	David Cooper, NEC	V1,0,0 SMG#28	
TR22.60	**MOBILE MULTIMEDIA SERVICES INCLUDING MOBILE INTRANET AND INTERNET SERVICES** To be kept for now Extract information or bring a CR to update. Maintain for now!	Thomas Ahnberg, TELIA		V3.0.0 SMG#25
TR22.70	**VIRTUAL HOME ENVIRONMENT** (To be maintained)	Jumoke Ogunbekun, Fujitsu		V3.0.0 SMG#25
TR22.71	**AUTOMATIC ESTABLISHMENT OF ROAMING RELATIONS** To maintain - If we know it is out of date, it needs to be updated….	Emanuele Montegrosso, TIM		V3.0.1 SMG#27
TR22.72	**MULTIMEDIA** Kleier thinks it is better in the Terminal Group Propose: Maintain an interest in it, Terminals group takes the lead !	Ralf Fischer, Bosch	V0.0.0	
TR22.75	**ADVANCED ADDRESSING** Stephan to prepare CR and later not to maintain. Some are beyond R99	Stephan Kleier, MMO		V3.0.0 SMG#27
	Work Item from Korea - IS 41 Interoperability			

Pending Action:
WI from TTA to be sent by e-mail - now received. Issue as part of Tdoc 90 attachment.

TS22.10	**SERVICE ASPECTS OF UMTS TERMINALS AND IC CARDS (**Similar to 22.07) **ACTION:** Make sure it is recorded in 22.00, 22.01 or 22.05 > Mika and Wayne to coordinate !	On Hold
TR22.77	**UMTS SERVICE SCENARIOS**	V.1.0.0 SMG#25
TR22.80	**UMTS RELATIONSHIP WITH OTHER STANDARDS** Korea has a WI rel with IS41, PDC as well…	On hold V2.0.1

9. Construction of Work Program

Tdoc 021 is a contribution from Mannesmann Mobilfunk regarding the support for the Working Groups. S1 felt it important for there to be good support for the group and in particular to maintain continuity from GSM to UMTS, especially as our work is based on GSM Core Network evolution and many items are common between the two groups.

Tdoc 055 Proposal for TSG Working Practices: Work packages. This is a contribution from Nortel. It reflects what has been adopted in this meeting in defining work packages.

Tdoc 080 This analyses the specifications of GSM and UMTS and proposes how they might be allocated between SMG and 3GPP. [Note that this has been superseded by the decision of SMG#28, but the analysis still contains some useful information.] It was further proposed that meetings will be held sequentially:
1. Start with GSM only meeting for 1.x days,
2. Continue with Joint GSM-UMTS matters,
3. Conclude with UMTS only matters…

Meeting invitations and agendas will follow this principle, although it will be hard to predict the time required for each item.

10. External relationships

It has been stated that liaison with ITU will be done via the member organizations and not formally via 3GPP.
Other possible relationships are with the other standards groups with the partners' organizations, e.g. the Human Factors group within ETSI.

No other external relationships were identified.

11. Process for election of chairman and 2 vice-chairmen

Tdoc 054 is a contribution on the Procedure for election of TSG SA WG1 Chairman & Vice Chairman presented by the Convenor. His role is to convene just two meetings and to hold elections for officials at the second meeting.
In summary:

- Call for nomination of candidates should occur in advance to the meeting,
- Nominations to be sent to the TSG Convenor/Chairman,
- Election of 1 Chairman and 2 Vice -Chairmen,
- Chairman and Vice Chairmen should not usually be from the same region, Organizational Partner, or from the same group of companies,
- Election for a 2 year term, possibility for one more period,
- Successive Chairmen should not usually be from the same Organizational Partner, the same region or from the same group of companies,
- For the election of TSG WG Chairs\Vice Chair:
    - If you attended the first meeting, and attend the second, you may vote;
    - If you attended the first meeting, and cannot attend the second, you may send a proxy;
    - If you did not attend the first meeting, but do attend the second meeting, you will be able to vote.

During this meeting, voting for Chairman and vice-Chairmen will be held if necessary, on Thursday March 11, 1999 in Edinburgh, Scotland.

12. Process for working methods, including by correspondence

Tdoc 084 describes a clearly drawn procedure for running a Cyber-meeting. These meetings are mandated by the main WG1 plenary and with the knowledge of this plenary, the meeting is run on a dedicated exploder list with a well defined start and end target dates to report back the results to the plenary.
It was also agreed that progress should be made between the meetings by correspondence.

13. Review of decisions, outputs and liaisons

13.1 CHANGE REQUESTS

13.1.1 Change Requests (Agreed) to be presented at TSG_SA#2 for Approval in Florida

The following 4 CRs have been agreed and will be presented at TSG_SA#2 for Approval.

Doc	Agenda	Result	To	Type	Title	Source	Topic	Who?	Specification_
66	06.02.01	Agreed CR 048 > 066 - Check with Doig on CR handling	TSG	CR	UMTS 22.00 Cell Bdcast - CR on 22.05 (048 > 066)		MMO	Stephan Kleier	22.05
70	06.02.01	Agreed	TSG	CR	UMTS 22.00 Cell Bdcast on 22.00 (replaces 067)			Stephan Kleier	22.00
69	06.02.01	Agreed - Revises 46	TSG	CR	UMTS 22.00 Proposed General Requirements for IMT-2000/UMTS Network Standardization			Horst Rauch	22.00
58	06.02.01	Agreed (Lucas Rapporteur to SERG)	TSG	CR	UMTS 22.00 Cross-Phase compatibility Pending Ref 040	France Telecom	Cross Phase Com	David Verrier	

13.1.2 Change Requests E-Mailed to List after the meeting and Agreed by Correspondence

The following CRs have been received the week after the meeting and are sent on the e-mail exploder for review and comments by members of the SA_WG1 team.

Doc	Agenda	Result	To	Type	Title	Source	Topic	Who?	Specification_
95	06.02.01	Agreed Post meeting	TSG	CR	UMTS 22.00 GSM evolved core network requirements to 3GPP from TTC	Nippon Telecom Consulting Co Ltd	Evolved core network	Miyuki Soejima	22.00
94	06.02.01	Agreed Post meeting	TSG	CR	UMTS 22.00 Optimisation of internetwork signaling	Fujitsu		Mutsuo SHIIYA	22.00
91	06.06.00	Agreed Post meeting	TSG	CR	UMTS 22.00 regarding emergency call and Multicall service	NEC Corporation	Emergency TTC	Yutaka Harada	22.00
92	06.06.00	Agreed Post meeting	TSG	CR	UMTS 22.00 Requirements on multicall	NEC Corporation	Multicall TTC	Yutaka Harada	22.00

13.1.3 Change Requests to 22 Series (Pending) to include Partners Requirements, expected at TSG_SA_WG1#2

The following CR is pending responses from TSG_SA_WG1 on appropriate CRs to cvarious 22 series specifications.

Doc	Agenda	Result	To	Type	Title	Source	Topic	Who?	Specification_
85	06.06.00	Rapporteurs to prep CRs to 22.xx	e-mail 2 wks	CR(P)	Comments on TTC requirements			David Cooper	22.mn

Olle Eriksson and adhoc team on QoS are expected to gather requirements from the partners and report back. To be studied in the light of the SMG12 Nokia report on QoS in **Tdoc** 072. - Seppo Tiainen has relinquished control of his Rapporteurship responsibility of UMTS 22.25.

Doc	Agenda	Result	To	Type	Title	Source	Topic	Who?	Specification_
39	06.02.07	To be studied and report back / Include in 22.05	Olle Eriksson Sonera, Tiainen	CR(P)	UMTS 22.25 2225A002 Refinement - Quality of Service and Network Performance	MMO	UMTS QoS	Stephan Kleier	22.25A002

13.2 STATUS OF WORK ITEMS DESCRIPTION SHEETS

Three Work Item (WI) have been so far agreed:

WI Agreed

Document	Agenda item	Result	To	Type	Title	Source	Topic	Who?	Spec_Number
71	06.02.07	Agreed on the list in 90	TSG	WI	Work Item on 22.25 QoS	Ericsson	QoS	Olle Eriksson	22.25
77	06.04.00	Agreed Received - Post Meeting	TSG	WI	Work Item on IS 41 to UMTS Interworking	TTA	IS41 Interworki	Chang Yong	
93	06.02.06	Agreed Received - Post Meeting	TSG	WI	Work Item on 22. Charging and Accounting	TIM	Charging & Acco	Emanuele Montegrosso	22.15

WIs Pending Agreement at next TSG_SA_WG1 meeting in Scotland are: (2 have been received and 5 more are pending)

99	06.02.02	Received - Post Meeting		WI(P)	Work Item on 22.01	Vodafone	Services	Paul Dwyer	22.01
101	06.02.09	Received - Post Meeting		WI(P)	Work Item on 22. VHE	Fujitsu	VHE	Jumoke Ogunbekun	22.21
96	06.02.03	Pending		WI(P)	Work Item on Services and Service capabilities	BT	Service capabil	**Wayne Ashwell**	22.05
97	06.02.12	Pending		WI(P)	Work Item on Handover	NEC	Handover	**David Cooper**	22.29
98	06.02.01	Pending		WI(P)	Work Item on 22.00 UMTS Phase 1	France Telecom	UMTS Phase 1	**David Verrier**	22.00
100	06.02.11	Pending		WI(P)	Work Item on 22.75 Adavnced Addressing	MMO	Addressing	**Stephan Kleier**	22.75
102	06.02.00	Pending		WI(P)	Work Item on GSM to UMTS Evolution	Nokia	GSM to UMTS	**Tommi Kokkola**	

13.3 LIAISON STATEMENTS PRESENTED AT SMG#28

The following Liaison Statements have been presented at SMG#28. They were presented as Annexes to SMG1's Chairman's report to SMG (SMG#28 Tdoc 99-046). Decision taken are:

1. **All, purely GSM Specifications remain at SMG,**
2. **GSM Specifications related to tools are a shared responsibility between SMG and 3GPP_SA_WG1,**
3. **All UMTS Specifications are transferred to 3GPP.**

Doc	Agenda	Result	To	Type	Title	Source	Topic	Who?	Specification_
90	08.00.00	SMG#28 Tdoc 046 Cover sheet + 80+81+90	SMG#28	LS	LS from Convenor to update 87	Convenor		Alan Cox	
81	07.00.00	Agreed Attached to 80-	SMG#28	LS	Revision of 052: Work transfer from SMG1 to 3GPP			Tommi Kokkola	
80	09.00.00	Agreed Attach to 81 if endorsed it will gp to SA	SMG#28 if endorsed, to SA	LS	Convenor's Liaison Statement			Alan Cox	

Tdoc 088 was presented as well at SMG#28. Please refer to next section.

13.4 CONTRIBUTIONS TO BE PRESENTED AT TSG_SA IN FLORIDA

This Liaison Statement was submitted on the last day of SMG#28 and should be noted by TSG_SA.

88	06.01.00	Agreed LS on AMR and	TSG SMG#28	LS	LS to SMG and to TSG on ARIB's requirements with respect to AMR, Circuit			David Cooper	

		Switching speed			Switched, ….				

TSG SA is invited to note the LS in Tdoc 089.

89	06.02.00	Agreed	TGS SA, TSG T, TSG T2,	LS	LS from Tommi to TSG_T			Tommi Kokkola	

TSG_SA_WG1 Terms of Reference

83	04.00.00	Agreed Defined during an adhoc	TSG	ToR	ToR Term of Reference	Adhoc on	ToR	Jeremy Fuller	

The following contribution was agreed and its contents will be summarized in the Convenor's report to TSG_SA

82	07.00.00	Agreed Summarize in Report to TSG	Convenor	WM	Work Methods			David Cooper	

Along with these, the following documents will be submitted to TSG_SA:

1. All Approved UMTS Specifications,
2. All CRs Agreed at TSG_SA_WG1 in Sophia Antipolis will be presented for Approval at TSG_SA, (See section 13.1.1)
3. All UMTS specifications with CRs Approved at SMG#28 and applied to these specifications will be presented at TSG_SA.

13.5 LIAISON STATEMENTS TO OTHER GROUPS

Liaison Statements ….

59	06.02.01	Agreed	SMG12	LS	Response to SMG12 to Td 042			David Verrier	
68	06.02.01	Agreed	SMG4, cc TSG_T2	LS	LS on Cell Bdcast			Mark Cataldo	
89	06.02.00	Agreed	TGS SA, TSG T, TSG T2,	LS	LS from Tommi to TSG_T			Tommi Kokkola	

13.6 ACTION POINTS

- Paul Dwyer, Vodafone has been tasked to find out what the MMI requirements are from different regions and to prepare a report to cover a brief description of what is required from PDC , IS95, …. and suggest how VHE can be applied for terminals …..
- David Verrier to lead Adhoc group and other delegates to progress the Work Item on QoS with Joint efforts from TSG_SA_WG1 and WG2 and input the results to the meeting in Edinburgh in March.
- Jumoke Ogunbekun was tasked to incorporate the contribution on proposed VHE Requirements in the next draft of TS 22.21.
- Stephan Kleier was tasked to produce a CR to TS 22.01 (2201A014) in order to introduce these addressing concepts in TS22.01.
- Convenor to Include summary of contents of Tdoc 082 on a proposed agreement on a base line document and present to TSG.
- Mika Tolvanen, Nokia, and Wayne Ashwell, BT to determine whether to maintain TR 22.07 and 22.10 or otherwise,

- Delegates to study specifications from ARIB and TTC. Further CRs may be generated so to map the various requirements on the 22 series before next TSG S1 meeting.
- Process of evaluation of the partners specifications from ARIB and TTC has started. Further CRs will be generated so to map on the various 22 series so to align their various requirements.
- UK Regulator (Steve Green) was tasked by the Convenor to make a contribution to TSG about Handover requirements.
- Graham Crisp and Wayne Ashwell, to review UMTS 22.00, 22.01 and 22.05 and to recommend to S1 any changes that are required to those specifications in order to satisfy the new scenarios.

14. Dates of future meetings

Tdoc 003 is a contribution from Convenor on suggested arrangements for Meetings in 1999. It was agreed. In Tdoc 032 BT proposes that the work is undertaken within a well managed project plan and that there should be additional meetings in April and/or May 99 to complete the initial stage of the work and provide the other groups with a set of specifications to base their work on. This was agreed in principle, but it depends on the meeting schedule of TSG SA which currently has no meeting planned for that time, although one may be decided at their next meeting.

GSM Meeting for 1 to 1.5 days, UMTS Meeting for 3 Days. The approach is to have these meetings in sequence. No host yet for November.
The Convenor explained that ETSI also works on EP/UMTS which is looking at UMTS in other areas outside our immediate scope. He proposed that a one day meeting of WG1, possibly in May, with that group would help to align service requirements.

Meeting Schedule:

- 8-12 March meeting in Edinburgh: Paul Carpenter extended the invitation of Lucent and UK operators (2nd Week of March) - One day GSM/SMG1 , followed by 3 Days of UMTS/TSGS1 convened by Alan Cox and to elect the Chairman!
    - Full day GSM : Monday
    - Common aspects starting on Tuesday Morning, then
    - UMTS PM till Friday 13:00

- Probably a May Meeting for UMTS to plan, including a one day Joint meeting with EP UMTS to discuss long term issues.
- 5-9 July Meeting in Quebec
- Late November Meeting – host invited

15. Closure of meeting

The Convenor thanked the hosts, ETSI, for their excellent meeting arrangements and the delegates and secretary for their hard work and co-operation in achieving good progress. The meeting was closed at 1245.

ANNEX 1 - DOCUMENTS AND RESULTS LIST

Doc	New	Pen	Dealt	Elect	Result	To	Type	Title	Source	Topic	Who?	Agenda	Spec_Number
1		No	Yes	Yes				Agenda	Convenor	Agenda		02.00.00	
2		No	Yes	Yes				Documents List: Dated & Updated continually		Documents List		02.00.00	
3		No	Yes	Yes	Discussed to review at end of week			Suggested arrangements for Meetings in 1999	Convenor	Meetings		14.00.00	
4		No	Yes	Yes			Proposal	Proposed Approach to 3G Service Requirements	Convenor	Strategy		06.00.00	
5		No	Yes	Yes	Noted		Spec	UMTS Phase 1 Specifcation	SMG1	UMTS Phase 1		06.02.01	22.00v2.0.0
6	034	No	Yes	No	Updated Cover Sheet		Spec	(replaced) Services Principles	SMG1	UMTS Services		06.02.02	22.01v3.4.0
7	035	No	Yes	No	Updated Cover Sheet		Spec	(replaced) Services & Service Capabilities	SMG1	UMTS Services		06.02.03	22.05v3.2.0
8		No	Yes	Yes	Noted		Report	Terminal & Smart Card Concepts	SMG1	UMTS TE & Cards		06.02.04	22.07v3.1.1
9		No	Yes	Yes	Noted Rapporteur is Emmanuele Montegrosso		Report	Charging & Accounting mechanism	SMG1	UMTS Charging		06.02.06	22.24v3.1.0
10		No	Yes	Yes	Debated - Adhoc to be formed		Report	Quality of Service & Network Performance	SMG1	UMTS QoS		06.02.07	22.25v3.1.0
11		No	Yes	Yes	Presented		Report	Mobile MultiMedia Internet and Intranet	SMG1	UMTS MM, Intern		06.02.08	22.60v3.0.0
12		No	Yes	Yes	Presented		Report	Virtual Home Environment	SMG1	UMTS VHE		06.02.09	22.70v3.0.0
13		No	Yes	Yes	Presented		Report	Automatic Establishment of Roaming Relations	SMG1	UMTS Roaming		06.02.10	22.71v3.1.0
14		No	Yes	Yes	Presented		Report	Adavanced Addressing	SMG1	UMTS Addressing		06.02.11	22.75v3.0.0
15	036	No	Yes	No	Replaced		Spec	(replaced) Handover Requirements between UMTS & GSM or other Radio Systems	SMG1	UMTS Handover		06.02.12	22.29v0.0.5
16	038	No	Yes	No			Spec x 1	(replaced) Provision of Services in UMTS - The Virtual Home Environment	SMG1	UMTS VHE		06.02.09	22..xxv0.n.m
17		No	Yes	Yes	Noted		Spec	Real-Time MultiMedia in UMTS	MM Adhoc	UMTS MM	Ralf Fischer	06.02.08	22.72v0.0.0
18	037	No	Yes	No	Replaced		Spec	(replaced) Service Aspects; Charging & Billing	SMG1	UMTS Charging		06.02.05	22.15v1.3.1
19		No	Yes	Yes	Noted		Summary	Summary of Conclusions: Real Time Multi-Media	MM Adhoc	UMTS MM		06.02.08	
20		No	Yes	Yes	Noted		Summary	Summary of Conclusions: Messaging Multi-Media	MM Adhoc	UMTS MM		06.02.08	
21		No	Yes	Yes	Presented - For TSG & PCG to deliberate		Proposal	Project Team Support for WG's of 3GPP TSG's	MMO	WG STF	Stephan Kleier	09.00.00	
22		No	Yes	Yes	Endorsed - Being Analyzed		Requirements	Requirements and Objectives for 3G Mobile Services & Systems	ARIB	3G MSS	Hideo Okinaka	06.01.01	
23		No	Yes	Yes	Discussed		Proposal	Need for a study on non-realtime Multimedia Messaging Service in 3GPP	Nokia	MM non-realtime	Tommi Kokkola	06.02.08	
24		No	Yes	Yes	Noted		Work Item	029 WI on Support of non-realtime Multimedia Messaging Service	SMG1/4/12 Adhoc on MM	MM non-realtime	Roger Tarazi	06.02.08	
25		No	Yes	Yes	Noted		Work Item	030 WI on Multimedia in UMTS	SMG1/4/12 Adhoc on MM	MM realtime	Roger Tarazi	06.02.08	
26		No	Yes	Yes	Tommi To Prep LS to TSG_T in 089	TSG_T See 089	Proposal	SMG 98-793 STANDARDISING EMBEDDED APPLICATIONS IN UMTS	SMG4	Applications	Kevin Holley	06.02.00	
27		No	Yes	Yes	Noted		Spec	MExE Mobile Application Execution Environment	SMG1/4	MExE	Mark Cataldo	06.02.00	
28		No	Yes	Yes	Endorsed - Being Analyzed		Requirements	GSM evolved network requirements v. 0.3.5	TTC	3G	Naoki Tani	06.01.02	
29		No	Yes	No	UMTS SMG1 table of		Specificati	UMTS 30.00 Replaced in	PT SMG	Management	Antun	06.02.00	30.00v

					specs revised		on				Samukic		
30		No	Yes	Yes	Noted		Report	UMTS 30.01	PT SMG	Management	Antun Samukic	06.02.00	30.01v
31		No	No	No	Not Assigned			Not Assigned					
32		No	Yes	Yes	Discussed		Comments	Comments on Meetings in 1999	BT	Meetings	Wayne Ashwell	14.00.00	
33		No	Yes	Yes	Taken into account		Proposal	Consistency of services in mobile, cordless and fixed access.	BT	FMC	Wayne Ashwell	04.00.00	
34		No	Yes	Yes	Noted		Specification	Td 6 - Services Principles Updated to include 2201A015)	Vodafone	UMTS Services	Paul Dwyer	06.02.02	22.01v3.5.0
35		No	Yes	Yes	Updated Cover sheet		Specification	Td 7 - Services & Service Capabilities (Updated to include 2205A005)	France Telecom	UMTS Service ca	David Verrier	06.02.03	22.05v3.3.0
36		No	Yes	Yes	Debated		Specification	Td 15 - Handover Technical Specification	NEC	UMTS HandOver	David Cooper	06.02.12	22.29v1.0.0
37		No	Yes	Yes	Noted		Specification	Td 18 - Service Aspects; Charging & Billing	Motorola	UMTS Charging	David Chambers	06.02.05	22.15v2.0.0
38		No	Yes	Yes	Presented		Specification	Td 16 - Provision of Services in UMTS - The Virtual Home Environment	Fujitsu	UMTS VHE	Jumoke Ogunbekun	06.02.09	22.21v VHE
39		No	Yes	Yes	To be studied and report back / Include in 22.05	Olle Eriksson, Sonera, Tiainen	CR(P)	UMTS 22.25 2225A002 Refinement - Quality of Service and Network Performance	MMO	UMTS QoS	Stephan Kleier	06.02.07	22.25A002
40	058	No	Yes	Yes	Discussed, lead to 058		LS	Phasing and cross Ph compatibility MoU SERG S98-120	MoU SERG	UMTS Phasing		06.02.01	
41		No	Yes	Yes	Noted - Presented by S.Kleier		LS	UMTS 2201 NW Selection LS MoU SERG S98-130.doc	MoU SERG	UMTS NW Selecti		06.02.02	
42	059	No	Yes	Yes			LS	UMTS GSM Simultaneous mode GPRS smg12 C-99-283_.doc	SMG12	UMTS GPRS...		06.02.01	
43		No	Yes	Yes	Noted / Tommi's S12 prop that packet support in 1st release		LS	UMTS Ph 1 Deevlopments fr SMG 12 99-C-276_.doc	SMG12	UMTS Ph 1 Dev		06.02.01	
44		No	Yes	Yes	Resulted in a CR in 070		LS	UMTS Ph 1 Cell Bdcast from SMG4 98p726.doc	SMG4	UMTS Cell Broad		06.02.01	
45		No	Yes	Yes			Proposal	Proposal for Re-phrasing the Security requirements	t-Mobil	UMTS HandOver	Horst Rauch	06.02.12	22.29
46	069	No	Yes	Yes	Horst to revise in 069		Proposal	Proposed General Requirements for IMT-2000/UMTS Network Standardization	NTT DoCoMo, AT&T Wireless, TIM/CSELT, T-Mobil	UMTS Ph 1	Horst Rauch	06.02.01	22.00
47		No	Yes	Yes	Presented		Proposal	UMTS Fixed and Cordless Applications	Marconi Communications Limited	FMC	Graham Crisp	04.04.00	
48	066	No	Yes	Yes	Proposal in 48 resulted in CR in 066		Proposal	Inclusion of SMS-Cell Broadcast into Phase 1 document 22.00	MMO	UMTS Cell Broad	Armin Toepfer	06.02.01	22.00
49		No	Yes	Yes	Make study ARIB, TTC Leave 02.30 find Delta	Paul Dwyer	LS	LS regarding the specification of MMI (Man-Machine Interface) for MS(Mobile Station)	TSG-T WG2	MMI		06.02.04	
50		No	Yes	Yes	Noted		Presentation	UMTS Charging and Billing Specifications	Motorola	UMTS Charging	David Chambers	06.02.05	
51	079	No	Yes	Yes	Updated in 79		Proposal	Services standardisation at 3GPP	Nokia	Procedures	Tommi Kokkola	07.00.00	
52	081	No	Yes	Yes	Further revised in 81		Proposal	Work transfer from SMG1 to 3GPP	Nokia	Procedures	Tommi Kokkola	07.00.00	
53		No	Yes	Yes	Noted		Presentation	22.01 Presetation	Vodafone	UMTS Services	Paul Dwyer	06.02.02	
54		No	Yes	Yes	Reviewed		Vote	Procedure for election of TSG SA WG1	3GPP_TSG	Voting Procedur	Ian Doig	11.00.00	

								Chairman and VC					
55		No	Yes	No	Noted - Asked to read		Working Proc	Proposal for TSG Working Practices : Work packages	3GPP_TSG	Working Proc		09.00.00	
56		No	Yes	Yes	Noted		Presentation	UMTS 22.05 Services and Service capabilities_version 3.2.0	France Telecom	UMTS Service C	David Verrier	06.02.03	
57		No	Yes	Yes	Presented by Rapporteur		Presentation	UMTS 22.00 UMTS Phase 1 version 2.0.0	France Telecom	UMTS Phase 1	David Verrier	06.02.01	
58		Yes	Yes	Yes	Agreed (Lucas Rapporteur to SERG)	TSG	CR	Cross-Phase compatibility Pending Ref 040	France Telecom	Cross Phase Com	David Verrier	06.02.01	22.00A007
59		Yes	Yes	Yes	Agreed	SMG12	LS	Response to SMG12 to Td 042			David Verrier	06.02.01	
60		No	Yes	Yes	Presented		Presentation	HandOver Presetntation	NEC	UMTS HandOver	David Cooper	06.02.12	22.29
61		No	Yes	Yes	Presented		Presentation	UMTS 22.21 VHE	Fujitsu	UMTS VHE	Jumoke Ogunbekun	06.02.09	
62		Yes	Yes	Yes	Presented		Proposal	3GPP SA Base Line Document	Docomo, NEC, Fujitsu	Working Procedu	Jumoke Ogunbekun	06.06.06	
63		Yes	Yes	Yes	Further revised in 85		Proposal	Proposed requirements for 3GPP SA Phase 1 Doc	Docomo, NEC, Fujitsu	Phase 1	Jumoke Ogunbekun	06.06.06	
64		No	Yes	Yes	Jumoke tasked to include in 22.21		Proposal	Proposed VHE Requirement for 3GPP-SA VHE	Docomo, NEC, Fujitsu	VHE	Jumoke Ogunbekun	06.06.06	
65		Yes	Yes	Yes	To QoS Adhoc		Proposal	QoS Requirement for 3GPP SA Service Capabilities	Fujitsu	QoS	Jumoke Ogunbekun	06.06.06	
66		No	Yes	Yes	Agreed CR 048 > 066 - Ck with Doig on CR handling	TSG	CR	UMTS 22.00 Cell Bdcast - CR on 22.05 (048 > 066)		MMO	Stephan Kleier	06.02.01	22.05A006
68		Yes	Yes	Yes	Agreed	SMG4, cc TSG_T2	LS	LS on Cell Bdcast			Mark Cataldo	06.02.01	
69		Yes	Yes	Yes	Agreed - Revises 46	TSG	CR	UMTS 22.00 Proposed General Requirements for IMT-2000/UMTS Network Standardization			Horst Rauch	06.02.01	22.00A002
70		Yes	Yes	Yes	Agreed	TSG	CR	UMTS 22.00 Cell Bdcast on 22.00 (replaces 067)			Stephan Kleier	06.02.01	22.00A001
71		No	Yes	Yes	Agreed on the list in 90		WI	Work Item on 22.25 QoS	Ericsson		Olle Eriksson	06.02.07	22.25
72		No	Yes	No	Report fr SMG12 presented by Nokia		Report	QoS from SMG12	Nokia	QoS	Tommi Kokkola	06.02.07	
73		No	Yes	Yes	Resulted in WI in 077			TTA Korea	TTA		Chung Yong	06.04.00	
74		No	Yes	Yes	Presented		Presentation	22.75 PPT	MMO		Stephan Kleier	06.02.11	
75		No	Yes	No			Spec	VHE BRAN	~~Marconi~~ / BRAN		~~Graham Crisp~~	04.04.04	
76		Yes	Yes	Yes	Noted		Work Items	Work Items on TTC SWG641 and SWG661	TTC		Masakazu Ishihara	06.01.02	
77		Yes	No	Yes	Agreed Post Meeting	TSG	WI	Work Item on IS 41 to UMTS Interworking	TTA	IS41 Interworki	Chang Yong	06.04.00	
78	082	No	Yes	No	82 is the update ...		Proposal	Proposed process for agreeing Baseline Documents	Convenor	Baseline docs	Alan Cox	07.00.00	
79		No	Yes	No	Withdrawn or Never submitted			Output of Tdoc 051 WITHDRAWN			Tommi Kokkola	07.00.00	
80		No	Yes	Yes	Agreed Attach to 81 if endorsed it will gp to SA	SMG#28 if endorsed to SA	LS	Convenor's LS			Alan Cox	09.00.00	
81		No	Yes	Yes	Agreed Attached to 80-	SMG#28	LS	Revision of 052: Work transfer from SMG1 to 3GPP			Tommi Kokkola	07.00.00	
82		No	Yes	Yes	Agreed Summarize in Rep to TSG	Convenor	Work Methods	Work Methods			David Cooper	07.00.00	
83		No	Yes	Yes	Agreed Defined during an adhoc	TSG	ToR	ToR Term of Reference	Adhoc on	ToR	Jeremy Fuller	04.00.00	

84		No	Yes	Yes	Discussed			Cybermeetings methods			David Cooper	12.00.00	
85		No	Yes	Yes	Rapporteurs to prep CRs to 22.xx	e-mail 2 wks	CR(P)	Comments on TTC requirements			David Cooper	06.06.00	22.mn
86		No	Yes	Yes	Discussed to prep a proposal			Disussion of ARIB requirements (section 5.5)			David Cooper	12.00.00	
87	090	No	Yes	Yes	Agreed looked at 30.00			Work Items			Alan Cox	08.00.00	
88		No	Yes	Yes	Agreed LS on AMR and Switching speed	TSG SMG#28	LS	LS to SMG and to TSG on AMR and Circuit Switched			David Cooper	06.01.00	
89		No	Yes	Yes	Agreed	TGS SA, TSG T, TSG T2,	LS	Work distribution between TSG S1 and TSG T2	Nokia	ToR Work Distri	Tommi Kokkola	06.02.00	
90		No	Yes	Yes	SMG#28 Tdoc 046 Cover sheet + 80+81+90	SMG#28	LS	LS from Convenor to update 87	Convenor		Alan Cox	08.00.00	
91		Yes	No	Yes	Agreed Post meeting	TSG	CR	UMTS 22.00 regarding emergency call and Multicall service	NEC Corporation	Emergency TTC	Yutaka Harada	06.06.00	22.00A003
92		Yes	No	Yes	Agreed Post meeting	TSG	CR	UMTS 22.00 Requirements on multicall	NEC Corporation	Multicall TTC	Yutaka Harada	06.06.00	22.00A004
93		Yes	No	Yes	Agreed Post Meeting	TSG	WI	Work Item on 22. Charging and Accounting	TIM	Charging & Acco	Emanuele Montegrosso	06.02.06	22.15
94		Yes	No	Yes	Agreed Post meeting	TSG	CR	UMTS 22.00 Optimisation of internetwork signaling	Fujitsu		Mutsuo SHIIYA	06.02.01	22.00A005
95		Yes	No	Yes	Agreed Post meeting	TSG	CR	UMTS 22.00 GSM evolved core network requirements to 3GPP from TTC	Nippon Telecom Consulting Co Ltd	Evolved core nw	Miyuki Soejima	06.02.01	22.00A006
96		No	No	No	Pending		WI(P)	Work Item on Services and Service capabilities	BT	Service capabil	Wayne Ashwell	06.02.03	22.05
97		No	No	No	Pending		WI(P)	Work Item on Handover	NEC	Handover	David Cooper	06.02.12	22.29
98		No	No	No	Pending		WI(P)	Work Item on 22.00 UMTS Phase 1	France Telecom	UMTS Phase 1	David Verrier	06.02.01	22.00
99		No	No	Yes	Received - Post Meeting		WI(P)	Work Item on 22.01	Vodafone	Services	Paul Dwyer	06.02.02	22.01
100		No	No	No	Pending		WI(P)	Work Item on 22.75 Adavnced Addressing	MMO	Addressing	Stephan Kleier	06.02.11	22.75
101		No	No	Yes	Received - Post Meeting		WI(P)	Work Item on 22. VHE	Fujitsu	VHE	Jumoke Ogunbekun	06.02.09	22.21
102		No	No	No	Pending		WI(P)	Work Item on GSM to UMTS Evolution	Nokia	GSM to UMTS	Tommi Kokkola	06.02.00	
103		No	No	No				TSG_SA_WG1 Meeting #1 Report Draft 1	A.Cox/R.Tarazi			13.00.00	

ANNEX 2 - Tdocs referenced in report

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102 ..... 6; 15

Change History:

- Graham Crisp's modifications, Feb 24, 99

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