

**TSGS#20(03)0452**



Text report in SP-030453

# ***SA1 Status Report to SA#21*** ***SP-030452***

**Michele Zarri, T-Mobile**  
**SA1 Chairman**



# ***SA1 Leadership***

- **Chairman: Michele Zarri (T-Mobile)**
- **Secretary: Michael Clayton (MCC)**
- **Vice-chairs:**
- **Randolph Wohler (SBC)**
  - Elected at SA1#15
- **Paul Carpenter (RIM),**
  - Elected at SA1#20

# *SA1 Sub Working Groups*

- **Messaging**
- **LoCation Services (LCS)**
- **IP Multimedia Services (IMS)**
- **Wireless LAN (W-LAN)**
- **Generic User Profile (GUP)**
- **Open Services Access (OSA)**
- **Priority Services**
- **QoS**

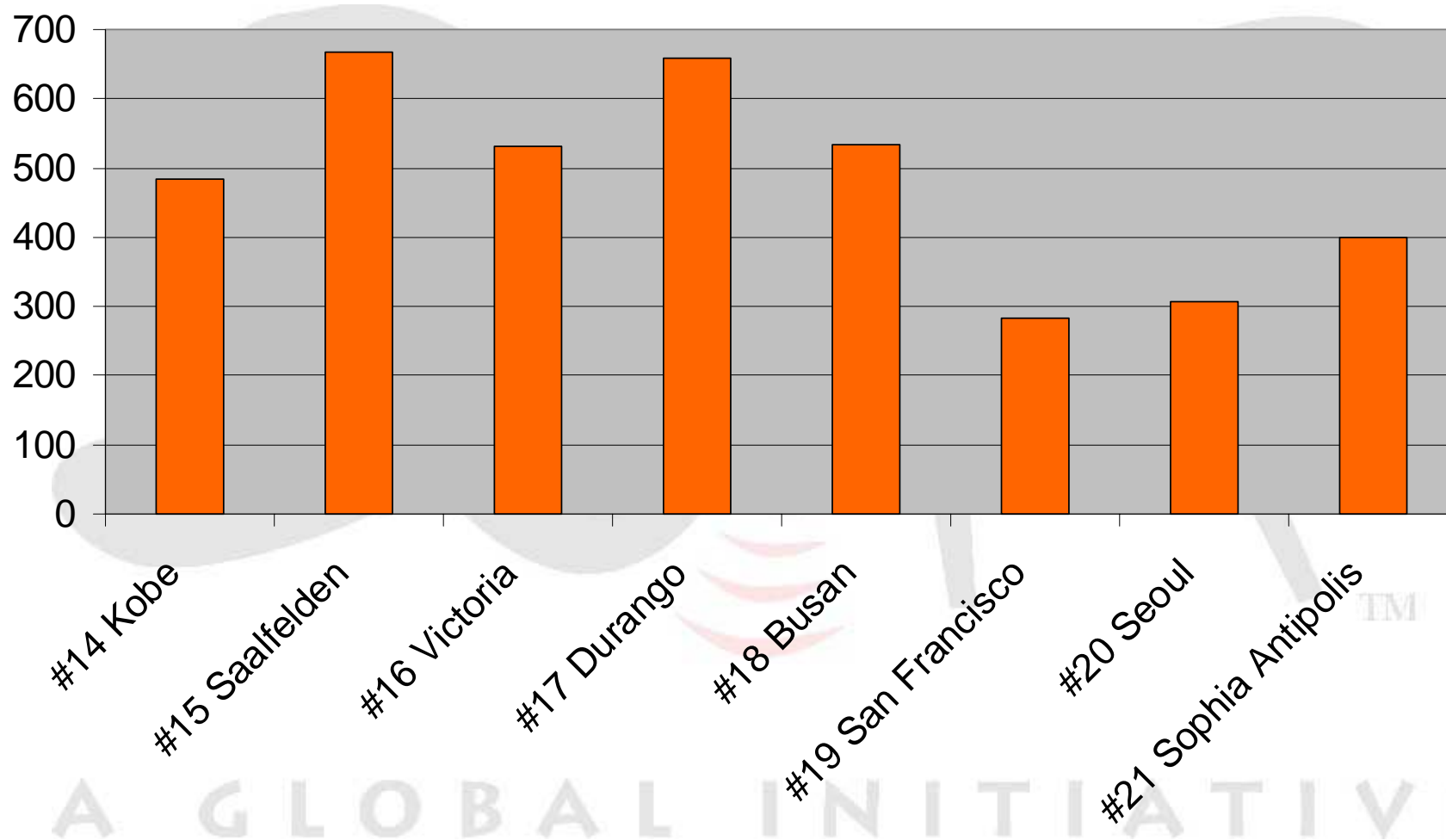
# *Meetings Held*

- SA1 Plenary
  - S1#21: 7 – 11 July 2003
  - Sophia Antipolis, France
  - Hosted by ETSI
- SA1 Meetings
  - MBMS SWG 06 – 08 August 2003
    - Staines, United Kingdom
    - Hosted by Samsung
  - SA1 Emergency calls ad hoc 25 – 26 August 2003
    - Phoenix, Arizona, USA
    - Hosted by Lucent

# *SA1 General Progress*

- **Focus on Release 6 "clean-up"**
- **Major focus remains on IMS and Messaging**
- **Completed the IMS scenarios TR 22.800**
- **Started the work on MBMS application level requirements**
- **Clarified support of emergency calls**

# SA1 Documents



# ***Sub working groups summaries***

- **GUP**
- **IMS**
- **LCS**
- **Messaging**
- **Priority**
- **Privacy**
- **WLAN**
- **MBMS**

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# ***Generic User Profile SWG***



- **8 input documents, 1 output document**
- **The meeting agreed an update of the GUP WID.**
  - This update contains changes already agreed in SA#19 which by mistake were not submitted to SA. The SWG additionally removed the reference to VHE
- **It was not possible to agree clarifications on the requirements of the synchronisation of GUP components proposed S1-030726 (Nokia) and S1-030745 (Siemens)**
- **Four documents postponed to the next SWG meeting**

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# ***IMS SWG summary***

- Meeting finalised TR 22.800 on "IMS access scenarios and subscription" which is now ready for approval.
  - No conclusion on multiple IMS scenario, individual company's can bring WID according to normal procedures.
- CR agreed to 22.228 on Access Independence clarification
- CRs agreed to 22.101 related to USIM and ISIM. This is an alignment with changes to TS 33.203.
  - Note: The change to TS 33.203 was agreed in SA#20
- Agreed to draft a reply to LS on requirements on security for the MT reference point.

# LCS SWG

- A great meeting with great contributions
- Discussions on charging for partially delivered assistance data.
- Agreed to remove requirement to identify LCS client with APN.
- Agreed a clarification of Mobile Originating Location.
- Discussions on QoS classes for LCS. Review needed in plenary.
- Agreed a requirement for authentication of the Target UE user.
- Replied to SA2 on Query, Cancel of activated location requests for the Target.

# ***Messaging SWG (1)***

- **Progress was made in three areas:**
  - **Agreed Change Requests to allow storage of MMs on the UICC.**
  - **Completed handling of GSMA SerG MMS Service Requirements**
  - **Introduction of Hyperlinks into MMS.**
- **Work on the conditional delivery in MMS is ongoing, which has now been resolved.**
- **Task from TSG SA to review WID for MMS Rel-6 was completed and WID endorsed.**

# ***Messaging SWG (2)***

- **Two Liaison Statements were agreed**
  - LS on MMS Service Requirements
  - Reply to LS on the addition of MMS support by the USIM Application Toolkit
- **Three Rel-6 Change Requests were agreed**
  - MMS Message with Hyperlinks
  - CR to 22.038 Rel-6 : MMS support by the USIM Application Toolkit
  - MMS support by the USIM Application Toolkit

# Priority SWG (1)

- 11 participants from 11 companies
- 7 input documents, 4 output documents
- The meeting **agreed** to S1-030708 that contained the draft of TR 22.952 (Priority Service Guide) resulting from the SA1#20-SWG meeting, as a basis for this meeting.
  - The meeting **agreed** to changes to S1-030708 based on the following contributions (with modifications based on meeting discussions):
    - S1-030710 (Management aspects)
    - S1-030711 (Distinguishing Priority Service users and eMLPP users)
    - S1-030757 (Interworking with MLPP/ISUP/BICC)
    - S1-030821 (Call Flows)
    - S1-030896 (Use case for a Priority Service call to an eMLPP only network )

## ***Priority SWG (2)***

- **For Approval**
  - LS on TR 22.952, Priority Service Guide – request for review and comment
  - TR 22.952 to TSG-SA#21 for information.
- For more detail see **Report in S1-030850**

# Privacy SWG

- **13** participants from **12** companies
- **12** input documents, **1** output document for agreement (TR 22.949 v0.3.0)
- One incoming LS from SA3 requiring agreement to response.
  - The SWG could not agree a response as there was no agreed understanding of the “secure privacy domain”. Participants invited to provide a simpler response direct to SA1 plenary
- Draft TR 22.949 progressed to version 0.3.0 (**S1-030932**)
  - Agreed that privacy information and personal data are the same thing.
- For more detail see **Report** in **S1-030852**

# **WLAN SWG (1)**

## **Items Reviewed**

- **2 LSs (T3 and SA3) on SIM EAP**
- **1 LS from T2 and 2 papers on SMS over WLAN**
- **Agreed to 2 CR's to TR 22.934 on soft SIM and redundant services capabilities**
- **Agreed to 2 CR's to TS 22.041 on ODB and access point terminology**
- **Noted 3 CR's to 22.011 and one paper on network selection**



# WLAN SWG (2)



## Output Draft Documents

- **CR to 22.934 Deletion of Software SIM concept**
- **CR to 22.934 Redundant Service Capabilities**
- **CR to 22.041 WLAN access point terminology clarified**
- **CR to 22.041 ODB in VPLMN for WLAN user**
- **Reply LS to SA3 and T3 on WLAN interworking**
- **Reply LS to T2 and SA2 on SMS/MMS Interworking from WLANs**

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## **WLAN SWG (3)**

### Open Items

- Update TR 22.934 to use the term I-WLAN instead of 3GPP WLAN
- Scenario Selection

# ***MBMS SWG***

- **Held two meetings:**
  - **MSMB SWG during SA1#21**
  - **MBMS SWG 7-9 August, Staines, UK hosted by SAMSUNG**
- **Produced version 1.0.0 of 22.246 (MBMS user services) for information at SA#21 (as of WID work plan)**

## *Issues and progress reports*

- **Emergency calls handling and emergency calls numbers**
- **MBMS new stage 1**

# *Emergency calls*

- **R99 logic for the handling of emergency numbers was changed so that**
  - **only the numbers on the SIM/USIM are identified as valid**
  - **If the list of numbers in the SIM/USIM is empty then the numbers on the ME are considered**
  - **If there is no SIM/USIM the numbers on the ME are considered**

# *Emergency calls*

- In earlier releases the list on the SIM was meant to contain **additional** emergency numbers only
- The result is that pre-R99 SIMs in R99 or later phones **may not recognise** some emergency numbers as valid.
- SA1 is proposing corrective CRs for this issue as per the following table



Release	No (U)SIM	(U)SIM with no numbers	(U)SIM with numbers
R98	Before: 112, 911, 08 After: No change	Before: 112, 911, 08 After: No change	Before: 112, 911, 08+ no. on (U)SIM After: No change
R99	Before: 112,911,08, 999,000,110,118,119 After: No change	Before: 112, 911, 08, 999, 110, 000 After: No change	Before: (U)SIM no. After: (U)SIM no. + optionally 112, 911
Rel-4	Before: 112,911,08, 999,000,110,118,119 After: No change	Before: 112, 911, 08, 999, 110, 000 After: No change	Before: (U)SIM no. After: (U)SIM no. + optionally 112, 911
Rel-5	Before: 112,911,08, 999,000,110,118,119 (+dl. No?) After: 112,911,08, 999,000,110,118,119	Before: 112,911,08, 999,110,000+dl no. After: No change	Before: (U)SIM+dl no. After: (U)SIM+dl no. + 112, 911
Rel-6	Before: 112,911,08, 999,000,110,118,119 (+dl. No?) After: 112,911,08, 999,000,110,118,119	Before: 112,911,08, 999,110,000+dl no. After: No change	Before: (U)SIM no. After: (U)SIM+dl no. + 112, 911

# *Emergency calls*

- 911 and 112 are now always available even if not in the (U)SIM list.
- Note that these are optionally recognised in R99 and Rel-4 terminals due to existing implementations of UEs
- It was also clarified that the additional numbers downloaded from the serving network are not available when a (U)SIM is not present.
- Release 6 paragraph was restructured for clarity



# *Emergency calls*

- Clarification of the support of emergency calls in IMS still under discussion

## ***MBMS new stage 1 TS***

- **Still need to clarify:**
  - Charging requirements
  - Roaming requirements
- **A "reality check", particularly with GERAN is necessary to make sure that requirements can be met.**

# *Other issues*

- **Emergency calls from (U)SAT**
  - Still not possible to reach an agreement on the initiation of emergency calls from the USAT. A mismatch between stage 1 and 3 has been identified and it is planned to be resolved at the next SA1 meeting
- **Storage of MM elements on USIM**
  - Agreed a CR on the storage of MM elements on the USIM with one objection. Planned to continue working on the topic at the next SA1 meeting

# *Future SA1 Meetings*

- It was agreed to hold SA1 meetings as soon as possible after the TSG SA plenary so that early guidance can be given on issues requiring SA1 consideration
- Some SWGs may require more time, and some meetings between SA1 plenary may be held. If possible co-location of different sub working group meetings will be sought.

# ***Future SA1 Plenary Meetings***

- **SA1#22**      **27 October - 31 October 2003**      **Bangkok, Thailand**
- **SA1#23**      **12 January - 16 January 2004**      **Europe**
- **SA1#24**      **19 April - 23 April 2004**      **Shenzen, China**
- **SA1#25**      **28 June 2004 - 02 July 2004**      **North America**
- **SA1#26**      **11 October - 15 October 2004**      **EMEA**

***Documents and Issues  
for discussion,  
information and approval***

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# Documents/Issues from SA1 to SA (1/3)

- SP-030492 CRs to 22.101 on Modification of emergency number identification rules (R99, Rel-4, Rel-5, Rel-6)
- SP-030455 CRs to 22.071 on Correction of requirements on the identity format of LCS clients (Rel-4, Rel-5 and Rel-6)
- SP-030456 CRs to 21.905 on to correct the Defintion of CDR (Rel-5, Rel-6)
- SP-030457 CRs to 22.101 on Clarification on USIM-based access to IMS (Rel-5, Rel-6)
- SP-030458 CR to 22.078 to align stage 1 with stage 2 & stage 3 (Rel-5)
- SP-030459 Assorted CRs to 22.071 on Location Services (Rel-6)
- SP-030460 Assorted CRs to 22.140 on MMS (Rel-6)
- SP-030461 CRs to 22.140 and 22.038 on MM storage in the USIM (rel-6)
- SP-030462 CR to 22.078 on criteria for "change of position" procedures in CAMEL (Rel-6)
- SP-030463 Assorted CRs to 22.934 on Wireless LAN (Rel-6)
- SP-030464 CRs to 22.041 on ODB and WLAN (Rel-6)
- SP-030465 CR to 22.228 to clarify the meaning of Access Independence
- SP-030466 Assorted CRs to 22.233 on Packet-switched streaming service (Rel-6)
- SP-030467 Assorted CRs to 22.115 on Service Aspects Charging and billing (Rel-6)
- SP-030468 CR to 22.243 on Speech recognition framework for automated voice services (Rel-6)
- SP-030469 CR to 22.240 on Generic User Profile (Rel-6)
- SP-030470 Priority Service Guide (22.952) for information
- SP-030471 IMS Subscription and access scenarios (22.800) for approval
- SP-030472 Updated WI for GUP
- SP-030511 Draft TS 22.246 v1.0.0: MBMS User Services (for information)