

TSGS#20(03)0236



Text report in SP-030237

SA1 Status Report to SA#20 ***SP-030236***

Michele Zarri, T-Mobile
SA1 Chairman

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A GLOBAL INITIATIVE

SA1 Leadership

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

NEWS

SA1 Sub Working Groups

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

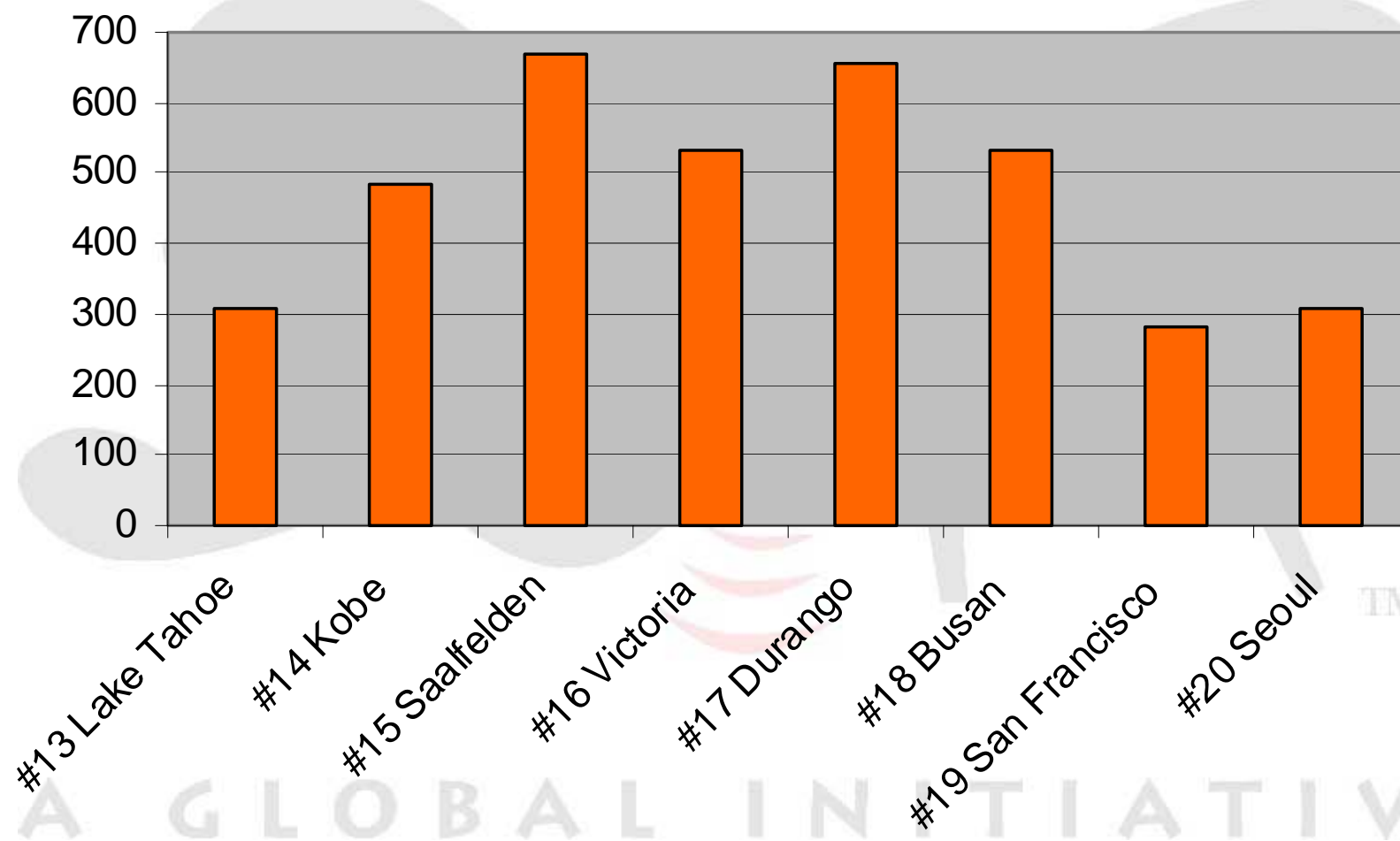
Meetings Held

- **SA1 Plenary**
 - **S1#20: 7 – 11 April 2003**
 - **Seoul, Korea**
 - **Hosted by Samsung**
- **SA1 SWG**
 - **S1-SWG#21 12 – 16 May 2003**
 - **San Diego, California**
 - **Hosted by North American Friends of 3GPP**

SA1 General Progress

- **Focus on Release 6**
- **Major focus remains on IMS and Messaging**
- **Significant activity this period on IMS scenarios**
- **Still no significant inputs on work items for future releases**

SA1 Documents



IMS SWG summary

- Meeting progressed with 22.800, and produced new version 1.1.0. More input and meeting time needed.
- Meeting agreed on CR to 22.228 giving requirements on conference type of services and support of multiple UEs per a service subscription for Rel 6.
- A LS was agreed on MT interface

LCS SWG summary

Superb contributions and excellent progress made during this half-day meeting

- **Meeting agreed 3 CRs to TS22.071:**
 - Network & UE generation / checking of codewords
 - LCS in IMS
 - Active LR query and cancellation by target user
- **A reply LS to SA2 was agreed on 'query and cancellation of location requests'**

Messaging SWG

- **Progress was made in 3 main areas:**
 1. **The outstanding Change Requests on DRM, Charging Record Interface and User Profile were agreed**
 2. **The indication of terminal capabilities, including the determination of MMS support in legacy terminals.**
 3. **The extension of USAT to MMS**
- **New work was initiated to look at the support of SMS and MMS via WLAN.**

Messaging SWG

- **Three Liaison Statements were agreed**
 - **S1-030492 Reply to LS on Roaming awareness to BARG**
 - **S1-030535 Access to SMS/MMS via WLAN**
 - **S1-030537 Terminal MMS capability discovery prior MM submission**

- **7 Change Requests were agreed**
 - **S1-030493 Add DRM Requirement to 22.140 Messaging SWG**
 - **S1-030494 Add a Standardized Charging Record Interface Requirement to 22.140**
 - **S1-030495 Add a Standardized User Profile to 22.140**
 - **S1-030509 CR to 22.038: (U)SIM toolkit commands for MMS**
 - **S1-030513 CR to 22.140 (R5) for Determination of MMS support in the terminal**
 - **S1-030514 CR to 22.140 (R6) for Determination of MMS support in the terminal**
 - **S1-030536 Additional explanation about the multimedia messaging profiles**

Network Sharing SWG

- Progress during Network Sharing SWG in Seoul:
 - Agreed the following change request:
 - CR to 22.011, new requirement regarding network selection in shared networks (S1-030532)
 - LS to CN1 (S1-030533)
 - to review the network selection requirement and provide feedbacks
 - LS to RAN3 (S1-030534)
 - to start work on this work item for Rel-6
 - SWG meeting report in S1-030407
- The SWG agreed that the work on stage1 requirements for network sharing in Rel-6 is completed and decided to disband the Netshar SWG

Priority SWG

- The meeting **agreed** to S1-030364 that contains Priority Service/eMLPP co-existence Use Cases as an annex to the Priority Service Guide. The editor was also charged with making a global change to replace the term “PS” to “Priority Service”
- The meeting **agreed** to S1-030379 that contains the proposed agenda for the 9 April Priority SWG meeting
- The meeting **agreed** to S1-030380 that contains the current draft of the Priority Service Guide (post 6 March 03 Conference Call)
- The meeting **agreed** to S1-030381 that contains a CR to TS 22.067 for Priority Service
- CR proposed for **approval**
 - **S1-030381** proposed CR to TS 22.067 proposing changes to align with changes to 23.067 (eMLPP Stage 2)

Priority SWG

- **Next Steps**
 - Meet during the May 2003 SA1 SWG meeting
 - E-mail approval, if necessary, for liaisons to TSGs requesting review and assistance with the Priority Service Guide
- For more detail see **Report in S1-030480**

Privacy SWG

- The SWG agreed TR 22.x.y.z v 0.1.0 for Privacy in S1-030498 based on two input documents.
- The SWG considered the requirements from GSMA SERG in S1-030458 on privacy aspects on the terminals and included some of the requirements in S1-030498.
- The SWG noted six open issues (listed in S1-030483) based on the discussions. Delegates are invited to provide contributions to the next meeting to address these issues.
- Output document:
- S1-030498: TR 22.x.y.z v.0.1.0: Privacy

WLAN report

Output Draft Documents

- **CR to TS 24.041 (S1-030490) – ODB for WLAN**
- **CR to TS 22.011 (S1-030491) - Network Selection requirements for WLAN Interworking**
- **LS to T3 (S1-030488) - Request for Information Regarding WLAN Interworking Impacts to UICC applications**
- **LS to SA2 (S1-030489) – Proposed draft of LS reply to SA2 on WLAN/3GPP Simultaneous Access**

Issues

- **Speech reconstruction capability for SES**
- **Emergency calls**
- **TR 22.800 progress**
- **Other issues**

Speech reconstruction capability for SES

- **No consensus was reached in SA1 on a CR that introduces in TS 22.243 speech reconstruction as a possible mechanism to provide audio output back to the user. The CR also presents some possible use cases.**
- **Two objections were raised:**
 - **Delay in the codec selection process**
 - **No compelling use cases to justify this addition**

Emergency calls

- Although there was a known problem with data only networks this was fully addressed only at SA1#20.
- Additionally some clean up was made in the emergency calls paragraph.

TR 22.800 (IMS access and subscription)

- SA1 was not able to agree the document for approval yet
 - Scenarios analysis stable, however conclusions are not.
 - Currently conclusions evaluate
 1. whether the scenario is within the current 3GPP scope
 2. Arguments in favour and against each scenario
- SA1 needs guidance on whether this is what is expected in the conclusions section

Other issues

- **OSA**
 - The WID was revised in line with the recommendation from the stage 2 and elements for which no work was carried out in the past meetings have been removed
 - Contrary to the wish of SA2, SA1 will keep the IP session control API in the stage 1 at least for the time being.
- **MBMS**
 - A request was received from SA4 to provide details on protocols, codecs and media formats. SA1 does not think this is appropriate since the stage 1 clarifies that MBMS is a bearer service although some examples of services are provided in Annex A of 22.246

Other Issues

- **MBMS (cont)**
 - A proposal was made to separate in the stage 1 description of MBMS the application requirements from the system requirements
- **Restriction to radio access technology**

Future SA1 Plenary Meetings

- SA1#21 07-11 Jul 2003, Sophia Antipolis, France, ETSI
- SA1#22 27-31 Oct 2003, Asia, hosted by NEC et.al.
- SA1#23 Jan 2004
- SA1#24 April 2004
- SA1#25 July 2004
- SA1#26 October 2004

Note: 2004 meeting schedule to be discussed at SA1#21

Future SA1 SWGs

- It was agreed to stop the sub working group meetings tradition and revert to calling specialists meetings when required.
- If possible co-location of different sub working groups will be sought.

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

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

- S1-030391 Addition of the definition and acronym of 3GPP Generic User Profile
- S1-030423 CR to 21.905 update to vocabulary document
- S1-030532 Netshare CR to TS 22.011
- S1-030504 Network Selection requirements for WLAN Interworking
- S1-030465 Clean up of (U)SAT requirements
- S1-030464 Clean up of (U)SAT requirements
- S1-030466 Clean up of (U)SAT requirements
- S1-030552 CR to 22.038: (U)SIM toolkit commands for MMS (R5)
- S1-030490 ODB in WLAN - Requirement
- S1-030378 REI-5 CR Alignment of TS 22.042 (NITZ) with implementation in TS 24.008
- S1-030377 REI-4 CR Alignment of TS 22.042 (NITZ) with implementation in TS 24.008
- S1-030569 Rel'6 CR to 22.066 - Charging Requirements in an MNP environment
- S1-030568 Rel'5 CR to 22.066 - Charging requirements in an MNP environment
- S1-030381 CR to 22.067 for Priority Service
- S1-030526 Introduction of codeword generation of LCS server
- S1-030557 Clarification of requirement regarding "Query, Cancel of activated location information requests for the Target UE"
- S1-030392 LCS in IMS

Documents/Issues from SA1 to SA (2/3)

- **SP-030025** CR to 22.141 on Clarification of network status attribute description within Presence Service Stage 1 (Rel-6)
- **S1-030416** Correction to Rel-5 emergency calls when attached to data only networks
- **S1-030414** Correction to R99 emergency calls when attached to data only networks
- **S1-030541** Rel'6 CR to 22.101 - Tidy-up of Subscriber Identification requirements
- **S1-030415** Correction to Rel-4 emergency calls when attached to data only networks
- **S1-030540** Rel'5 CR to 22.101 - Tidy-up of Subscriber Identification requirements
- **S1-030538** Emergency Call requirements, against TS22.101
- **S1-030566** Service Based Local Policy Requirements
- **S1-030565** SMS on GPRS and GSM, charging aspect
- **S1-030564** REI'6 CR to 22.115 - Charging Requirements in an MNP environment
- **S1-030571** REI'5 CR to 22.115 - Charging requirements in an MNP environment
- **S1-030529** Removal of Generic Network interface function from OSA Rel-6
- **S1-030530** Removal of Information transfer feature from OSA Rel-6
- **S1-030531** Removal of Information services feature from OSA Rel-6
- **S1-030551** Add a Standardized User Profile to 22.140
- **S1-030553** MMS support on the card

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

- **S1-030493** **Add DRM Requirement to 22.140**
- **S1-030494** **Add a Standardized User Profile to 22.140**
- **S1-030556** **MMS support on the card**
- **S1-030536** **Additional explanation about the multimedia messaging profiles**
- **S1-030554** **Determination of MMS support in the terminal**
- **S1-030522** **Multiple UEs in IMS subscription**
- **S1-030523** **Rel'6 CR to 22.228 - Addition of requirements to IMS to enable conference-like services**

- **S1-030431** **UE and network capabilities**
- **S1-030461** **Reconstructed speech as an output mechanism**
- **S1-030432** **Addition of streaming and interactive QoS**

- **S1-030638** **Error Messages in MMS**
- **S1-030650** **Routing of Emergency Calls based on Geographic Coordinates**