Text report in SP-020791

SA1 Status Report to SA#18
SP-020645

Kevin Holley, O$_2$
SA1 Chairman

SA1 Leadership

- **Chairman: Kevin Holley (mmO$_2$)**
  - **Not standing for re-election in January 2003**
- **Secretary: Michael Clayton (MCC)**
- **Vice-chairs:**
- **Tommi Kokkola (Nokia),**
- **Randolph Wohlert (SBC)**

SA1 Sub Working Groups

- **Messaging**
- **Speech Enabled Services**
- **LoCation Services**
- **Multimedia Broadcast Multicast Services**
- **IP Multimedia Services**
- **Presence**
- **Streaming**
- **Wireless LAN**
- **Generic User Profile**
- **Open Services Access**
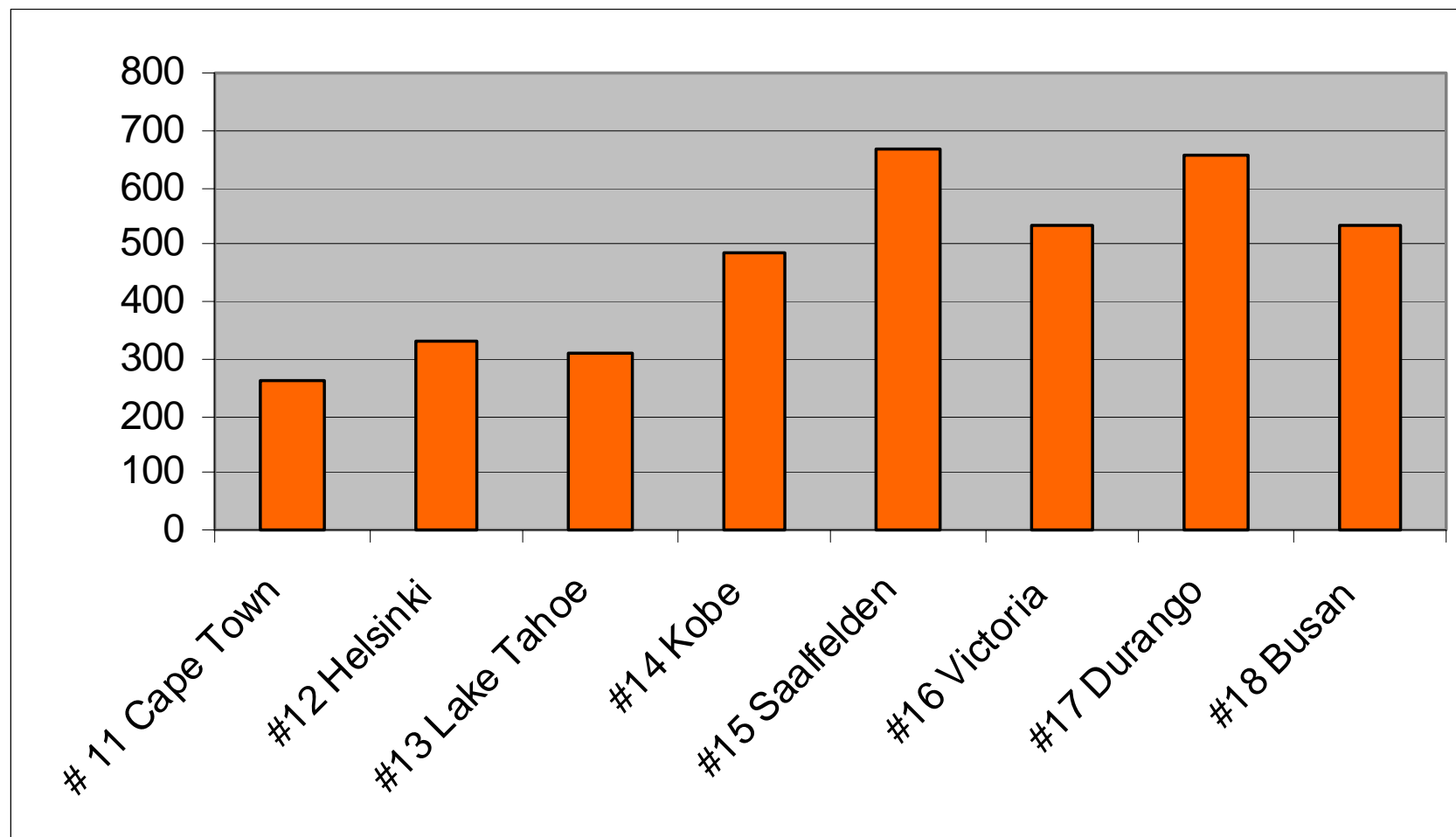- **Network Sharing**
- **Priority Services**

Meetings Held

- **SA1 Plenary**
  - **S1#18: 11-15 November 2002**
  - **Busan, South Korea**
  - **Hosted by Samsung Electronics**

  - **SA1 SWGs**
  - **14-18 October 2002**
  - **Beijing, China**
  - **Hosted by Huawei and CWTS**

SA1 General Progress

- **Focus on Release 6**
- **Major focus remains on IMS and Messaging**
- **Significant activity this period on IMS scenarios**
- **At some point SA will need to think about managing the overlap with OMA work at the requirements and detailed levels**

SA1 Documents

Messaging

- **Revised IMS Messaging TR to take into account the creation of the TS on IMS Messaging. Both TR and TS are provided for Approval to SA#18.**

- **Main open issues:**
  - **Remove the remaining editor's notes from TS 22.340**
  - **Generation of change requests to 22.140 (MMS) to support IMS messaging**

- **Discussed MMS configuration parameter storage on the (U)SIM. Agreed matrices for implementation requirements and two CRs on the subject for approval at SA.**

- **Received a presentation on Synthetic Video**
  - **Agreed that the technology is interesting for the MMS evolution but more time is needed to study it before asking SA4 and T2 to progress the work**

LCS

- **Consideration of confidence measure**
  - Format of information containing the accuracy delivered is already standardised on Le interface
  - No change to services requirement needed
- **CR to LCS stage 1 'service Type'**
  - Introduces entertainment and community services
- **CR proposed to modify one of the four privacy exception cases**
- **Received LS from GSMA saying that it is working on scenarios for Lr interface**

Push

- **Some fine tuning CRs proposed to Push Release 6**
  - **Value Added Services**
  - **Media removed from required elements in CDR**
  - **Attribute for delivery class removed**
  - **Charging for cancellation of a service removed**

- **Push SWG closed as work is completed**

Streaming

- **New requirements in TS 22.233 Rel6 added for,**
  - **DRM support**
  - **Interaction PSS/MMS**
  - **Real time monitoring of application level QoS**
- **Discussed but postponed contribution on PSS charging, needed further investigation**
- **Four CRs on 22.233 Rel-6, agreed,**
  - **Asset information in file format**
  - **Progressive download as an alternative to streaming**
  - **Definition of content cache**
  - **PSS Charging**

GUP

- **The following areas are clarified and agreed:**
  - **the Home operator is responsible to manage GUP data**
  - **An earlier sync request can be removed by either the application or by administrative means**
  - **Requirements on data description**
  - **Requirements to cope with GUP data at an UE**
  - **Definition of the GUP data model**
  - **Terminal capability management**
  - **Charging requirements**

- **The GUP WID is updated**

IMS

- IMS group management version 1.1.0 is ready for SA approval

- IMS number portability text agreed

- SA1 requirements to release 5 on emergency calls seems still to be aligned with current work status in SA2 and CN1. A Release 6 CR is presented introducing IMS domain support for emergency calls.

- No actions in SA1 due to "the IETF LS". All SA1 requirements stated at 22.228 are valid.

- Some operators proposed to add late feature to release 5 to support SIM for IMS access. It was agreed to ask SA2 and SA3 opinion on this issue, and some CRs are presented implementing this.

- A Technical Report on IMS subscription and access scenarios has been produced and is made available here (covering liaison statement).

- SWG proposes to send this TR to the SA plenary with the updated WID (S1-022296 – not reviewed by the group) to show the progress of the work. A LS to present these documents was drafted in S1-022303.

Network Sharing

- **Good progress made on 22.951**
- **Several contributions to chapter 5 (Network Sharing scenarios) and chapter 7 (User Requirements) were discussed and agreed**
- **Agreed 4 contributions to the TR 22.951 for:**
  - **Roaming chapter**
  - **Introduction and scope**
  - **Annex on examples of network sharing**
  - **Conclusions chapter**
- **Deemed the TR 22.951 more than 80% complete and ready for approval**

Quality Of Service

- **Proposal on Operator determined barring of the peak data rates for Streaming and Conversational traffic classes**
  - **Needs further work in SA1**

- **Rel-6 enhancement of the QoS profile assignment**
  - **serving requirements and technical solution requires further explanation. Agreed that future proof solution needs to be studied from Release 6.**

OSA

- **Four LS were drafted and agreed on the e-mail exploder in answer to CN5s questions on R6 OSA requirements (IP Session Control, Enhanced User Notification, Information Services, and User Data Management)**
- **One LS to T2 was drafted and sent for e-mail approval about the support of the MM7 interface in OSA.**
- **Initial discussion took place on**
  - **Extension to event notification mechanism**
  - **Enhanced IP Session Control**
  - **Relationship between User Data Management and GUP**
  - **Relationship between OMA Web Services and OSA SWG**
- **Additional discussions and agreement on:**
  - **Web Services**
  - **Event Notification**
  - **IP Session Function**
  - **End-user/application Authentication**
  - **Access to SCFs in other networks**
- **Consensus was reached on a CR on the User Data Management Function**
- **In response to CN5, an LS was agreed on the clarification of the user data management. The LS was also sent to SA2 asking SA2 to start the work on defining the GUP/OSA relationship.**

Priority

- **Input from CN WG4 on "Questions from the European Numbering Forum" related to a possible requirement to be able to originate an emergency call from a mobile terminal which is in a data-only, always-on state. The meeting identified that the current IMS requirements support Emergency Services. Based on this LS, SA1 wrote an LS response.**

- **The meeting noted an LS from ITU-T SG 16 on a "New Question on Use of Public Telecommunication Services for Emergency and Disaster Relief Operations."**

- **Several "fine tuning" CRs proposed to the recently-approved feasibility study TR on Priority Service**

Wireless LAN

- **Stage 1 interworking requirements developed and presented for approval (21.101, 21.905)**
- **WLAN-LCS interworking requirements agreed**
- **Changes to 22.011 proposed but not agreed. SA needs to consider whether WLAN is a 3GPP access network. Separate LS explaining this.**
- **Further work needed on:**
  - **Requirements for Interworked WLAN devices**
  - **Requirements for access to 3GPP via WLAN without SIM/USIM**
  - **Requirements for charging to support the termination, interruption, and modification of the service and determine the need to support IST**

SES

- **Short meeting and few contributions**
- **Editorial update on TR 22.977 made but not agreed due to lack of resource in SA1. This may arrive at the next SA meeting if resource can be found.**
- **Agreed removal of some references in TS 22.243**
- **SES work in SA1 is slowing down**

CAMEL Enhanced Dialling

- **This capability was removed from Release 5 due to lack of progress in CN**
- **SA1 discussed the reintroduction of this into Release 6, but could not reach agreement**
- **Covered in detail in an LS**

Roaming Localisation

- **Discussion paper provided into SA1 about roaming localisation**
- **Capability for Optimised Routeing is not generally implemented**
  - **Issues of Quality of Calls**
  - **Issues of Charges to Users**
- **Topic discussed in SA1 but no overall conclusion. Liaison sent to GSMA SerG and HARG to ask about this.**

SMS over GPRS

- **SA1 discussed the status with respect to the availability of SMS over GPRS and agreed the following words as a proposal to SA:**
  - **If the UE preferred method, at power up, is sending SMS over GPRS, and this fails, either due to a direct failure indication or rejection, or due to the complete lack of a response, then the UE switches to sending subsequent SMS's by CS, but should revert to trying to send SMS's over GPRS when the UE detects that it is connected to different network equipment and therefore there is a chance that GPRS might now work.**
  - **If the SMS attempt fails on both GPRS and CS, then the user/toolkit is informed.**
  - **The above mechanism applies to class A and B GPRS mobiles.**

Future SA1 Plenary Meetings

- **SA1#19**   **20-24 Jan 2003,   San Francisco, hosted by AWS**
- **SA1#20**   **07-11 Apr 2003,   Korea, hosted by Samsung**
- **SA1#21**   **07-11 Jul 2003,   Sophia Antipolis, ETSI**
- **SA1#22**   **27-31 Oct 2003,   Asia, hosted by NEC et.al.**

Future SA1 SWGs

- **SA1 SWGs**   **12-16 May 2003, San Diego, hosted by NA Friends**
- **SA1 SWGs**   **25-29 Aug 2003, Sweden, hosted by Telia**

Documents and Issues for discussion, information and approval

Documents/Issues from SA1 to SA (1/2)

- SP-020639   Liaison on SIM access to Rel. 5 IMS
- SP-020644   Liaison on agreed matrices of (U)SIM and ME vs MMS storage capability
- SP-020676   Liaison on Study of Subscriber/Operator relationship
- SP-020762   LS to SA on WLAN
- SP-020763   LS to SA on CAMEL Enhanced Dialled Services
- SP-020645   Presentation of SA1 to SA #18
- SP-020791   Status report of SA1 to SA #18
- SP-020647   Release 99/4/5/6 CRs to 22.038 on USAT requirements (deletion and re-introduction)
- SP-020648   Release 4 CR to 22.135 on Corrections to terminology
- SP-020649   Release 4/5 CRs to 21.140 on Storage of configuration information on the (U)SIM
- SP-020650   Release 5/6 CRs to 22.101 on SIM access to IMS Rel-5/6
- SP-020651   Release 5/6 CRs to 22.101 on Support of SIM and USIM in REL-5/6
- SP-020652   Release 5 CR to 22.127 on Event notification mechanism to inform applications about new SCS
- SP-020653   Release 5 CRs to 22.078 on various subjects
- SP-020654   Release 6 CRs to 21.905 on definitions and abbreviations
- SP-020655   Release 6 CR to 22.066 on IMS number portability
- SP-020656   Release 6 CR to 22.067 for Priority Service

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

- SP-020657   Release 6 CRs to 22.071 on LCS
- SP-020658   Release 6 CRs to 22.101 on Number portability and emergency calls
- SP-020659   Release 6 CRs to 22.127 on OSA (Various subjects)
- SP-020660   Release 6 CRs to 22.140 on Multimedia Messaging (Various subjects)
- SP-020661   Release 6 CRs to 22.174 on PUSH (Various subjects)
- SP-020662   Release 6 CRs to 22.233 on Streaming (Various subjects)
- SP-020663   Release 6 CR on TS 22.243 on Codecs used for speech recognition framework
- SP-020664   Release 6 CR to TS 22.243 on Removal of references
- SP-020665   Release 6 CRs to 22.934 on Wireless LAN (Various subjects)
- SP-020666   Release 6 CRs to 21.905 and 22.101 to introduce WLAN requirements
- SP-020667   Release 6 CRs to 22.950 on Priority service feasibility study (Various subjects)
- SP-020668   TR 22.951 version 2.0.0 on Network Sharing for Approval
- SP-020669   TS 22.250, Version 2.0.0 on IMS group management capability for Approval
- SP-020670   TR 22.940, Version 2.0.0 on IMS Messaging for Approval
- SP-020671   TS 22.340, Version 2.0.0 on IMS Messaging; Stage 1 for Information and Approval
- SP-020672   Updated GUP Work Item Description
- SP-020673   New WID for "Study of subscriber and operators relationship in IMS and related ISIM requirements for Rel 6"