TSGS#17(02)0545

Text report in SP-020546

SA1 Status Report to SA#17
SP-020545

Kevin Holley, O$_2$
SA1 Chairman

SA1 Leadership

- **Chairman: Kevin Holley (mmO$_2$)**
- **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**
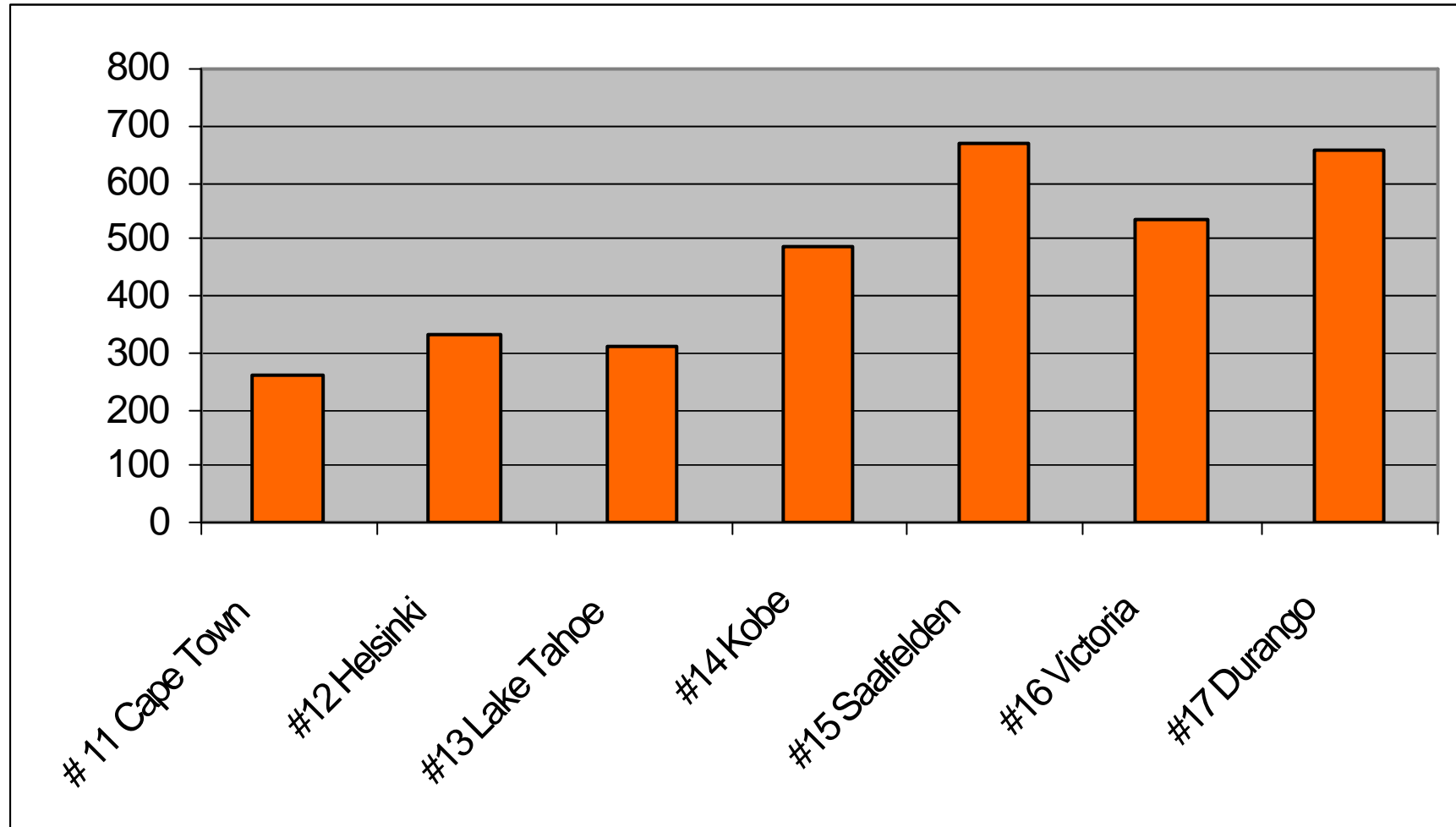- **Push**
- **Priority Services**

Meetings Held

- **SA1 Plenary**
  - **S1#17: 12-16 August 2002**
  - **Durango, Colorado, USA**
  - **Hosted by SBC Communications**

  - **SA1 SWGs**
  - **08-12 July 2002**
  - **Rome, Italy**
  - **Hosted by Vodafone Omnitel**

SA1 General Progress

- **Focus on Release 6**
- **Meetings running well, good progress**
- **Major focus on IMS and Messaging**
- **SA1 Chairman requests discussion at meetings to focus on agreeing principles first and especially developing diagrams, not worrying about exact text until work items mature**
- **Lots of corridor discussion on OMA and the impact on SA1 work; formally SA1 is waiting for the working relationship to be established between OMA and 3GPP before taking any action**

SA1 Documents

Open Services Access

- **Work completed to add Release 5 features which were postponed from Release 5 to Release 6.**
- **Additional discussions on:**
  - **Policy Management**
  - **Generic Network Interface Function**
  - **Support of MMS**
  - **LCS enhanced user privacy**
  - **Discussion ongoing with CN5 on LCS privacy**

IP Multimedia Subsystem

- IMS Group Management TS 22.250 presented for information to SA with updated WID
- Agreed reply to T3 on "Access to IMS Services using 3GPP release 99 and release 4 UICCs"
- Related to T3 LS on multiple ISIMs on UICC CRs were agreed and LS requested.
- Release 6 subscription scenarios discussed and CRs to 22.101 agreed. It was agreed to introduce new Rel 6 CRs related to ISIMs to replace the ones that were not approved at last SA plenary.
- Changes to IMS WID to include Access Independence and Interoperability with Other IMS systems were agreed.
- CR to 22.228 on release 6 interworking requirements was agreed.
- New mechanism to handle emergency number recognition at UI was agreed in principle (more discussion was supposed to take place on the email reflector but this didn't happen)

Generic User Profile

- **Main focus of meeting was to resolve outstanding issue on GUP component synchronisation and consistency**

- **GUP Stage 1 22.240 now available at SA for information**

- **Several documents were again postponed due to lack of time.**

- **There is still no rapporteur for 22.240 nor a permanent chair for SWG GUP**

Network Sharing

- **New version of TR 22.951 for information**
- **Agreed to produce CRs to existing stage 1 TS rather than a separate TS**
- **Agreed to add the definitions used in TS 22.951 to the vocabulary**
- **Agreed to send a LS in response to RAN3 on the Release 5 solution for sharing networks**
- **Agreed the work plan.**

Streaming

- **LS to SA2 on PSS work programme to agree SA2's role as architectural responsible for the PSS work**

- **CR on efficient use of transport resources for PSS agreed**

- **CR on server file format agreed**

- **Added action point to get contributions on PSS quality metrics**

Wireless Local Area Networks

- **TR22.934 ready for approval**
  - Includes a use case per scenario
  - Impacted specs list, and conclusion
- **Updated Work Item Description**
  - Incorporates longer list of specs that would be impacted
  - (and some minor Changes : UMTS to 3GPP)
- **Work co-ordinated with SA2's activity on WLAN**

Messaging

- **MMS**
  - SMS and USSD removed as bearers for MMS (Liaised to OMA)
  - Major discussion on MMS parameters on the SIM (LS)

- **IMS Messaging**
  - Only a few contributions were taken on a general concern regarding the TR structure and on uses cases
  - The TR is available for information
  - Agreed to start to work on a Technical Specification on IMS messaging
  - Agreed to try to establish a link with OMA

- **Open issues**
  - Several documents left to process, an extra Messaging meeting may need to be called in September to resolve the outstanding issues.

Priority

- **Reviewed current work in ITU-T Study Group 11 on amendments to ISUP 2000 and BICC CS2 protocols to support International Preference Scheme (IEPS).**

- **Supported proposal to add a new High Level Requirement to support Priority Queuing of Trunk resources to increase the probability of call completion.**

- **An open issue in TR 22.950 for the ability to distinguish Priority Users and eMLPP Users was addressed.**
  - **It is not envisioned that a user needs separate subscriptions to eMLPP and Priority Service, however there is a need to augment eMLPP specifications and other related specifications to support additional Priority Service capabilities. Additional capabilities added to eMLPP may not be exclusive to Priority Service.**

- **The meeting noted two LS response (RAN2 and T3)**
  - **a CR to TR 22.950 to include the input will be prepared.**

- **Work still active via email and conference call 23rd October.**

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Location Services

- **Enhanced User Privacy**
  - **CR on Anonymous requestor and anonymous target UE**
- **Performance/accuracy requirements**
  - **CR on update to TS 22.071 for regional specific location accuracy requirements.**
    - **Based on contribution to make US FCC mandate a requirement in TS 22.071 (supported by 3 US carriers)**
    - **Generalized to cover future mandates in other regions**
    - **Intention is alignment and to ensure stage 2 and 3 LCS specs will enable systems to be deployed that will meet regulatory requirements**
  - **Discussions on standardizing formats for accuracy request and accuracy delivered messages.**
    - **Requested by GSMA SerG**
    - **Discussions inconclusive.**
- **GALILEO**
  - **Revised LCS enhancements WID**
  - **No new service aspects identified yet**
  - **Expand A-GPS to A-GNSS**
  - **SA2 is also studying GALILEO**

Speech Enabled Services

- **TR 22.977 (Speech Enabled Services) ready for approval**

- **TS 22.243 (Speech Recognition Framework for Automated Voice Services) ready for approval**

- **Discussed working with OMA on SES**

- **Sent liaison statements to SA2 and SA4 to inform them of the status of the TR on SRF and invite them to start working on their relevant areas of expertise**

Push

- **Push stage 1 reviewed; overlapping subsections integrated**
- **Added header for 'Feature Interactions', with action item for email discussion of text**
- **Push TS now ready for approval**
- **Permanent Push SWG Chair needed**

Multimedia Broadcast Multicast Services

- **Main focus was clarifications to TS 22.146 as requested by the MBMS workshop.**

- **Several CRs produced and provided to SA for approval**

- **There was one input CR proposing the use of alternate access technologies such as satellite to support MBMS. The majority of the meeting felt that it was too premature to consider this and that it would probably require a feasibility study similar to that done by WLAN before it could be considered. It was also advised that this should be discussed at SA level before being brought into SA1.**

Privacy

- **Generic Work Item proposed to study requirements for privacy in general**

Feature Interaction

- **SA1 agreed that there was insufficient study of interaction between different 3GPP features at the service level and proposes a Work Item on this**

Future SA1 Plenary Meetings

- **SA1#18**   **11-15 Nov 2002, Korea, hosted by Samsung**
- **SA1#19**   **24-28 Feb 2003, Sophia Antipolis, hosted by ETSI**
- **SA1#20**   **12-16 May 2003, North America, hosted by NA Friends**
- **SA1#21**   **25-29 Aug 2003, Sweden, hosted by Telia**
- **SA1#22**   **03-07 Nov 2003, Asia, hosted by NEC et.al.**

Future SA1 SWGs

- **SA1 SWGs   14 -18 Oct 2002, Beijing, Huawei (with SA2)**
- **SA1 SWGs   20-24 Jan 2003,   San Francisco, AWS (with SA2)**
- **SA1 SWGs   07-11 Apr 2003,   >> no host**
- **SA1 SWGs   07-11 Jul 2003,   Sophia Antipolis, ETSI**
- **SA1 SWGs   6-10 Oct 2003,   North America, NA Friends**

Documents and Issues for discussion, information and approval

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

- SP-020585   Liaison on Multimodal and Multi device services
- SP-020586   Liaison on SIM support of MMS Parameters
- SP-020545   Presentation of SA1 to SA #15
- SP-020546   Status report of SA1 to SA #15
- SP-020547   Release 99/4/5 CRs to 22.011 on correction to periodic PLMN scan
- SP-020548   Release 4/5 CRs to 22.105 on Forbidden LAs for reg. provision of service
- SP-020549   Release 5 CRs to 21.905 on definitions and abbreviations
- SP-020550   Release 5 CRs to 22.078 on CAMEL
- SP-020551   Release 5/6 CRs to 22.101 on Clarifications on ISIM requirements Rel 5
- SP-020552   Release 5 CRs to 22.101 on service delivery and emergency calls
- SP-020553   Release 5 CR to 22.140 on Removal of SMS and USSD as possible bearers
- SP-020554   Release 5 CR to 22.233 on Reqt for efficient use of transport for Pkt Stream
- SP-020555   Release 6 CRs to 21.905 on definitions and abbreviations
- SP-020556   Release 6 CRs to 22.071 on LCS (Various)
- SP-020557   Release 6 CRs to 22.101 on various subjects
- SP-020558   Release 6 CR to 22.105 on subscriber certificates
- SP-020559   Release 6 CRs to 22.127 on OSA
- SP-020560   Release 6 CRs to 22.141 on Presence
- SP-020561   Release 6 CRs to 22.146 on MBMS

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

- SP-020562   Release 6 CRs to 22.228 on IMS
- SP-020563   Release 6 CR to 22.233 on PSS server file format
- SP-020564   Release 6 CR to 22.242 Clean-up of Digital Rights Management
- SP-020565   TR 22.951 version 1.0.0 on Network Sharing for Information
- SP-020566   TS 22.250, Version 1.0.0 on IMS group management capability for info.
- SP-020567   TR 22.940, Version 1.0.0 on IMS Messaging for Information
- SP-020568   TS 22.240, Version 1.0.0 on Generic User Profile (GUP) for Information
- SP-020569   TR 22.934 version 2.0.0 on WLANs for approval
- SP-020570   TR 22.977, Version 2.0.0 on Speech Enabled Services for Approval
- SP-020571   TS 22.174, Version 2.0.0 on Push Service for Approval
- SP-020572   TS 22.243, Version 2.0.0 on Speech Recog Fmwrk for AVS for Approval
- SP-020573   Updated IMS group management WI (update of workplan)
- SP-020574   Updated WLAN Interworking WID
- SP-020575   Updated IMS WID include Access Independence and Interop with Other IMS
- SP-020576   Updated LCS enhancements WID to include Galileo
- SP-020577   Update of GUP WID
- SP-020578   Proposed WID on Feature Interactions Requirements
- SP-020579   Proposed WID on a Generalised Privacy Capability