

TSGS#24(04)0501



Text report in SP-040502

SA1 Status Report to SA#25 ***SP-040501***

Michele Zarri, T-Mobile
SA1 Chairman

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SA1 Leadership

- ï **Chairman: Michele Zarri (T-Mobile)**
- ï **Secretary: Michael Clayton (MCC)**
- ï **Vice-chairs:**
 - ï **Paul Carpenter (RIM),**
 - ñ **Elected at SA1#20**
 - ï **Chris Sachno (NTT DoCoMo),**
 - ñ **Elected at SA1#23**



SA1 Sub Working Groups

- ï **Messaging**
- ï **LoCation Services (LCS)**
- ï **IP Multimedia Services (IMS)**
- ï **Wireless LAN (I-WLAN)**
- ï **Generic User Profile (GUP)**
- ï **Priority Services**
- ï **MBMS**
- ï **AIPN (All-IP Network)**
- ï **XIX (CS and IMS Combinational Services)**
- ï **Multi-system terminals**
- ï **Network Protection**

Meetings Held

ï SA1 Plenary

ñ S1#25: 10 ñ 14 May 2004

ñ Montreal, Canada

**ñ Hosted by North American Friends of
3GPP**

ï SA1 SWG

ñ 24 ñ 27 August 2004

ñ Vienna, Austria

ñ Hosted by European Friends of 3GPP

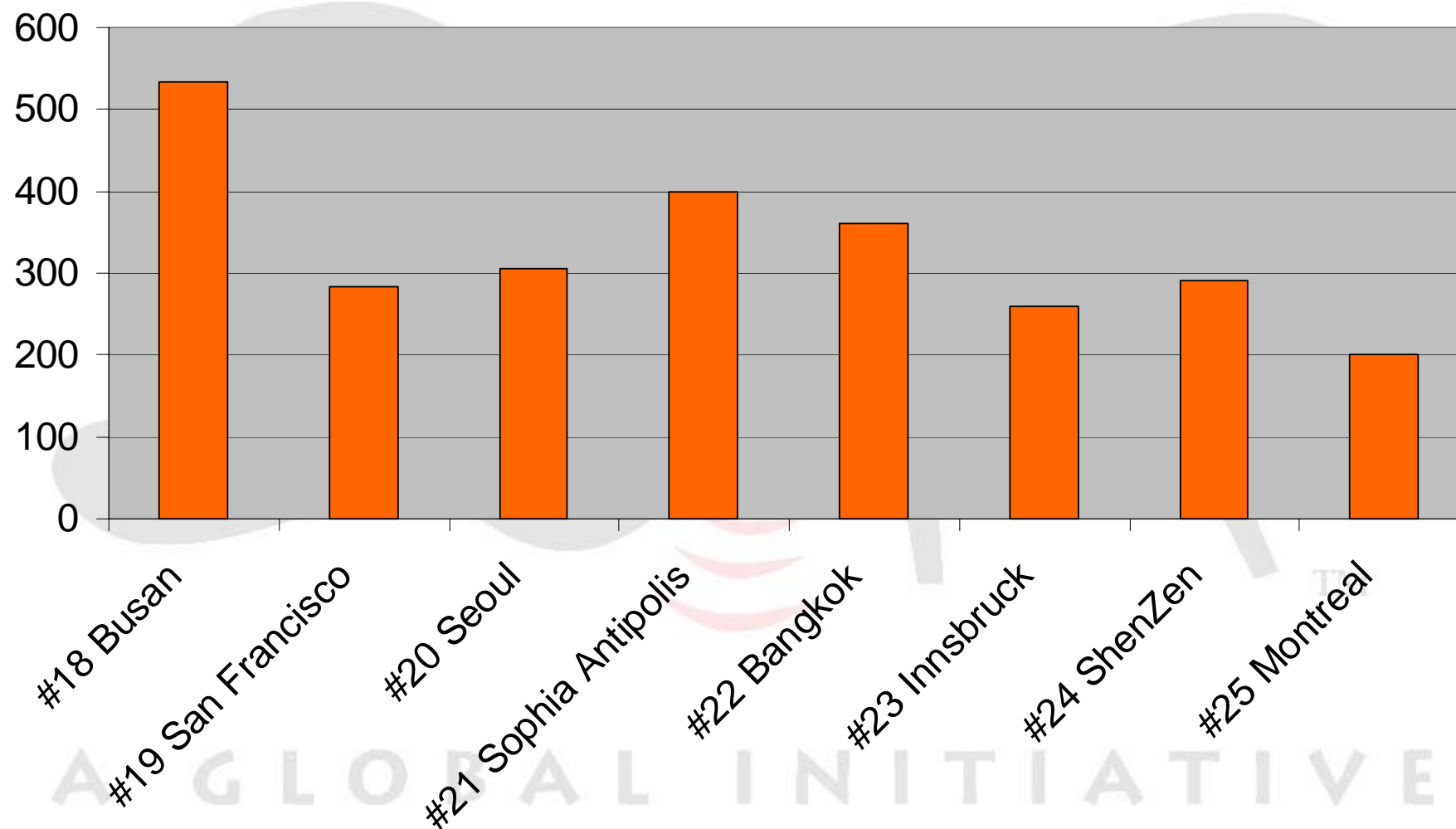
SA1 General Progress

- ï Work progressing on new Rel-7 work items**
- ï Adjustment to the I-WLAN PLMN selection**
- ï Progressing the development of the WIDs approved at the last SA**
- ï Fine tuning of the work items**

SA1 General Progress stats

- ï Received **19** Liaison statements
- ï Agreed **18** Change requests
- ï Agreed **4** new work items or revised WIDs
- ï Sent **13** liaison statements
- ï Agreed **0** TS and/or TR for information or approval
- ï Handled 180 documents

SA1 Documents



Sub working groups, Ad hoc summaries

- ï **Priority** (chaired by James Garrahan from Telecordia)
- ï **WLAN** (chaired by Mark Younge from T-Mobile US)
- ï **LCS** (chaired by David Williams from Qualcomm)
- ï **XIX** (chaired by John Watson from Vodafone)
- ï **AIPN** (chaired by Chris Sachno from NTT DoCoMo)
- ï **Multisystem terminal** (chaired by David Williams from Qualcomm)
- ï **Network Protection** (chaired by Nigel Barnes from Motorola)

The Chairman would like to thank the SWG chairs for their hard work during the meeting

Priority SWG

- ï 9 participants from 8 companies**
- ï 4 input documents, 3 output documents**
- ï The meeting noted a draft (with modification) of the MPS Feasibility Study TR (v 0.2.0).**
- ï The meeting agreed to proposed text (with modification) for the Introduction for the Multimedia Priority Service Feasibility Study**
- ï The meeting agreed to proposed text (with modification) for the Scope for the Multimedia Priority Service Feasibility Study**
- ï The meeting agreed in principle to a revised draft of the MPS Feasibility Study TR 22.953 (v 0.3.0).**

WLAN SWG Summary

Items Reviewed

- ï 2 Response LSs from SA2
 - ñ Correlation of I-WLAN Access and Service Authorization
 - ñ I-WLAN Manual Network Selection
- ï 2 Response LSs from CN1 on
 - ñ I-WLAN parameters provisioning on the USIM
 - ñ UE connection to I-WLAN should not be standardised in 3GPP
- ï 5 CRs Against 22.234
 - ñ 2 on Use of SSID list for WLAN PLMN selection
 - ñ WLAN preferred identities list
 - ñ Clarification of the relationship between different levels of WLAN interworking
 - ñ Clarification of Interworking between PLMN and WLANs Clause 5.1.7.1

WLAN SWG Summary

Output Draft Documents

- ï 2 LSs to SA2
 - ñ Response on Correlation of I-WLAN Access and Service Authorization
 - ñ Response on I-WLAN Manual Network Selection
- ï 5 CRs against TR 22.234
 - ñ I-WLAN preferred identities list
 - ñ Clarification of Interworking between PLMN and WLANs Clause 5.1.7.1
 - ñ Use of the SSID List at WLAN PLMN Selection
 - ñ Use of SSID list for WLAN PLMN selection
 - ñ Clarification of the relationship between different levels of WLAN interworking

LCS SWG

- ï **Two contributions on LCS for I-WLAN feasibility study**
 - ñ No change to IEEE specifications foreseen.
 - ñ 100m accuracy expected.
 - ñ More user cases needed.
- ï **Three LSs. 1 reply on E112 clarification**
- ï **New feature level WID for LCS service enhancements 3**
 - ñ suggested in SA plenary
 - ñ No Release 7 work-plan yet

XIX SWG

- ï the 1st Circuit Switched IMS Combinational Service SWG Meeting - XIX Club since the approval of the WID
- ï 26 enthusiastic participants from 20 companies attended
- ï The CSICS TR22.979 (S1-040659) incorporates the revised an agreed Skeleton, Scope and Use Cases
- ï Open issues
 - ñ Should CSICS be a subscription only service? Without the need for an explicit subscription the service might be more widely used by CS call participants with compatible terminals.
 - ñ What happens whilst transferring a file, one of the participants clears down the CS call believing that, having sent the file, the other party has received it successfully.
 - ñ Who pays for the multi-media element? The participant who initiated the multi-media element should probably pay for this component of the combinational service.
 - ñ Does the CS call mean speech only or should it include CS data centric services e.g. CS video telephony?

AIPN SWG summary

- ï **The AIPN SWG met for 4 sessions at SA1#25.**
- ï **There were 16 input contributions in total. All handled.**
- ï **The topics covered included:**
 - ñ **Work Plan for AIPN work in SA1.**
 - ñ **Structure of TR 22.978**
 - ñ **Motivations and drivers for an All-IP Network**
 - ñ **Impacts to current models (charging and business)**
 - ñ **Ideal 3GPP All-IP Vision**
 - ñ **Key aspects of a 3GPP All-IP Network**
 - ñ **Migration and cost effective introduction of new technology**
 - ñ **Security and Privacy**
- ï **1 output document:**
 - ñ **Updated version of TR 22.978 (v0.3.0) in S1-040678**

AIPN SWG summary (SA1 SWG)

- ï **The AIPN SWG met for 3 days at the SA1 SWG meeting in Vienna.**
- ï **There were 29 input contributions all handled.**
- ï **The topics covered included (non-exhaustive list):**
 - ñ **Definitions for TR 22.978**
 - ñ **Objectives of an AIPN and further elaboration of Drivers for an All-IP Network**
 - ñ **Impacts to current business and service models**
 - ñ **Addition and refinement of AIPN key aspects**
 - ñ **Requirements for the evolution of the 3GPP system to an AIPN**
 - ñ **Mobility Management and Network Selection within an AIPN**
 - ñ **Security considerations**
 - ñ **Use cases for AIPN key aspects and security aspects**
 - ñ **Capability expansion required for the introduction of an AIPN**
 - ñ **Specification work for AIPN within SA1**
- ï **1 output document: updated version of TR 22.978 in S1-040793.**

Multisystem SWG summary

- ï Revised work item description
- ï Agreed definition of 'Multi System Terminal'
 - ñ Terminal which supports both the 3GPP system and non-3GPP system(s)
- ï Identified four initial use cases (see S1-040652)
 - ñ Multiple subscriptions, single subscription, scanning other mode, scanning and algorithm for selection
 - ñ Inter-system roaming and handover cases not considered
 - ñ Increasing coupling will increase complexity of work needed
 - ñ Many unanswered questions
- ï Selection algorithm proposed by Samsung
 - ñ Distinguishes between system and PLMN selection
 - ñ Applies to power-on and loss of coverage only
- ï Samsung will edit the TR (S1-040600)
 - ñ Will include definition, use cases, Samsung algorithm

Issues and progress reports

- ï **OSA requirements for GUP**
- ï **PLMN selection in I-WLAN adjustments**
- ï **Other issues**

OSA GUP requirements

- ï **SA1 has concluded that there is currently no interest in creating detailed requirements for the generic user profile**
- ï **SA1 agreed to generate change requests for removing the references to GUP in OSA**
- ï **The consequence is that GUP will not be supported in OSA Rel-6**

PLMN selection in I-WLAN

- ï **As a consequence of the liaison with the CN1 group, the change request introducing the detailed procedures for I-WLAN PLMN selection was modified.**
- ï **SA1 introduced an additional WLAN identities list and further clarified aspects of the text.**
- ï **SA1 would like to invite CN1 to implement the stage 3 according to the current stage1**

Other issues

- ï **MBMS key management**
 - ñ **After long discussions it was agreed to mandate the presence of the MBMS key on the UICC while making its presence optional on the ME. It was also agreed to prioritise the UICC key if present.**
- ï **GERANís Generic Access feasibility study**
 - ñ **SA1 asked GERAN to maintain the established liaison relationship with SA1 on this work item and provide timely identification of any potential impacts on stage 1 service aspects.**

Other issues

- ï **VGCS enhancements**
 - ñ **Work is on track to be completed by the deadline (SA#27)**
- ï **IMS access via a SIM**
 - ñ **A change request proposing to add the capability of accessing the IMS using a SIM was not agreed**
- ï **Working with TISPAN NGN**
 - ñ **SA1 is proposing to be the entry point for all the requirements coming from the ETSI TISPAN groups in order to avoid discrepancies between the actual capabilities of the 3GPP system and the documented requirements for such capabilities (i.e. stage 1 TSs)**

Actions on WG1 allocated during TSG SA#24(I/VII)

- ï SA1 should consider whether it is necessary to maintain a SA1 specific OMA dependencies table or if instead it should rely on the table prepared by the MCC
 - ñ It was agreed that, although SA1 is one of the groups which is likely to cooperate the most with OMA, the MCC work plan level table was sufficient to prevent overlapping. The chairman thanked Joerg Swetina from Siemens for his excellent work. **CLOSED**

Actions on WG1 allocated during TSG SA#24 (II/VII)

ï A CR to 22.101 on USAT data presentation enhancements was received at SA#24 and sent to SA1 for further evaluation

ñ The CR was re-presented at the SA1 meeting, but not agreed for Rel-6. A Rel-7 CR was agreed instead and it was decided to prepare a work item description covering this feature which will be presented at this meeting.

CLOSED

Actions on WG1 allocated during TSG SA#24 (III/VII)

- ï SA2 approved a new WID on end to end quality of service enhancements. (see document SP-040326). During the discussion at SA it turned out that SA1 may need to create requirements for QoS-based charging
 - ñ No new requirements have been received yet, however as a result of a discussion it was agreed to keep this action open at least for another meeting.

ONGOING

Actions on WG1 allocated during TSG SA#24 (IV/VII)

- ï CN5 is still waiting for SA1 to provide requirements for the support of GUP in OSA. If these requirements are not prepared by the next meeting then the above mentioned functionality cannot be part of Rel-6
 - ñ The statement from the CN5 chairman was that the requirements are inadequate. However, there has been no input on this for several meetings. Based on this, it was suggested that the requirement should be deleted; this was agreed. A CR is expected at SA1#26.

CLOSED

Actions on WG1 allocated during TSG SA#24 (V/VII)

ï Future of TS 22.242 (DRM stage 1)

ñ This has been ongoing for some time too. It is possible to delete it, but this would cause a great deal of work. It was decided to keep it but accept that it has been superseded by an OMA document. It was decided to ask SA if the TS could be converted to a blank document with a reference to the OMA requirements document. **CLOSED (SA is asked to take a decision based on the SA1 feedback provided)**

Actions on WG1 allocated during TSG SA#24 (VI/VII)

ï **Harmonisation of the definition of Radio Access Technology (RAT) between UTRAN and GERAN**

ñ **SA1 is still studying how to best harmonise the two definitions. A CR is expected at SA1#26**
ONGOING

Actions on WG1 allocated during TSG SA#24 (VII/VII)

ï Requirements for multi-system UE

ñ SA1 has discussed the issue of multi-system UEs and agreed to initiate a WID to explore this area in detail. Furthermore SA1 has agreed a preliminary CR to 22.011 that covers some of the concerns raised during the discussion of the 3GPP ñ 3GPP2 selection at SA#23.

ONGOING

NOTE: see also the corresponding WID

Future SA1 Plenary Meetings

| | | |
|---------------|-------------------------------------|---------------------------------|
| SA1#26 | 11 October - 15 October 2004 | Sophia Antipolis, France |
| SA1#27 | 17 January - 21 January 2005 | Cape Town, SA |
| SA1#28 | 04 April ñ 08 April 2005 | Hong Kong, China |
| SA1#29 | 27 June ñ 01 July 2005 | Sophia Antipolis, France |

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

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Documents/Issues from SA1 to SA (I/III)

| | |
|-----------|---|
| S1-040653 | Multi system terminal behaviour. Revised WID |
| S1-040682 | Selective disabling of UE capabilities WI |
| S1-040704 | Enhance the USAT MMS presentation |
| S1-040721 | Update of GUP WID |
| S1-040687 | CR 22.038 Rel-6 - Enhance the USAT MMS presentation |
| S1-040688 | CR to 22.078 on Current Location Retrieval for MT call handling |
| S1-040689 | CR to 22.078 on Current Location Retrieval for MT call handling |
| S1-040706 | CR to 22.146 on Rel-6 removal of notification requirement while receiving PS or CS services |
| S1-040720 | CR to 22.146 on Key management |
| S1-040717 | CR on Use of Presence and IM Prefixes in SIP URIs |
| S1-040710 | Clarification to WLAN PLMN Selection |

Colour coding

Information

Change request

Technical specification/report

Work Item Description

Documents/Issues from SA1 to SA (II/III)

| | |
|-----------|--|
| S1-040711 | Use of SSID list for WLAN PLMN selection |
| S1-040712 | CR to 22.234 on Clarification of Interworking between PLMN and WLANs clause 5.1.7.1 |
| S1-040715 | Clarification of the relationship between different levels of WLAN interworking (CR) |
| S1-040726 | CR to 22.234 on WLAN preferred identities list |
| S1-040683 | GUP-UE-Requirements |
| S1-040634 | Minor corrections to TS 22.246 (MBMS User Services) |
| S1-040643 | CR to 42.068: Addition of optional over-the-air ciphering for VGS |
| S1-040707 | CR to 42.068 VGCS support of end-to-end encryption |
| S1-040725 | CR to 42.068: Sending of SMS to an ongoing Voice Group Call |
| S1-040728 | CR to 42.068: Enhanced talker functionality for VGCS for the support of emergency situations |
| S1-040644 | CR to 42.069: Addition of optional over-the-air ciphering |

Colour coding

Information

Change request

Technical specification/report

Work Item Description