

TSGS#13(01)0426



Text report in SP-010427

SA1 Status Report to SA#13

SP-010426

Kevin Holley, BT (mmO₂)
SA1 Chairman

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SA1 Leadership

- **Chairman: Kevin Holley (BT / mmO₂)**
- **Secretary: Michael Clayton (MCC)**
- **Vice-chairs:**
 - **Tommi Kokkola (Nokia),**
 - **Randolph Wohler (SBC)**

Meetings Held

- **SA1 Plenary**
 - S1#13: 9-13 July 2001
 - Lake Tahoe, USA
 - Hosted by SBC
- **Ad-hocs**
 - IP Framework 21-22 Aug in Dallas
 - IMS Charging (joint with SA2/SA5) 30 Aug in Sophia
 - UE Functionality Split (joint with T2) 5 Sep in Edinburgh
 - User Profile (joint with various) 11-13 Sep in Sophia
 - Presence 17-18 Sep in Sophia
 - OSA 19-20 Sep in Sophia
 - Agreement to hold 2002 adhoc together

IP Multimedia Framework

- **Refinement of service examples for**
 - Multimedia Services
 - Peer to Peer Gaming
 - Server Based Gaming
 - Local Services
- **Provision of text for Presence Service**
- **Identification of additional services**
 - Downloading Multimedia Objects
 - Interactive Customer Care
 - Multimedia Group Call
- **Identification of potential additional services**
 - Phone to Phone Object Transfer (pending clarification of service requirements)
 - Synchronisation (pending clarification of service requirements)
 - Distributed Speech Recognition (pending endorsement within SA1)

Distributed Speech Recognition

- First proposal received from ETSI Aurora
- Basic idea is to perform some pre-recognition on the UE instead of either:
 - all recognition in network
 - all recognition in UE

CAMEL

- **Call Party Handling - charging requirements elaborated**
 - **CAMEL interworking with IMS - some requirements elaborated**

GTT

- **Proposal from SA1 to cover the missing text on subscription (agreed by SA1 with objection from one company).**

OSA

- **Items Postponed from Rel. 4 reintroduced:**
 - Journalling
 - Multimedia channel control
 - Retrieval of network capabilities
- **New items**
 - Information Service
 - Presence Service
 - User Data Management
 - User Profile Access Management

HSDPA

- **Proposal for requirements approved by email**
- **HSDPA identified as providing peak rates greater than 2Mbits/s**
- **For urban and indoor environments**
- **But not limited to these**

IMS

- **Requirements now addressed:**
 - IMS service continuity when moving within UTRAN, within GERAN and between UTRAN and GERAN
 - Editorial; interworking with Internet
 - Terminal capability determination
- **Under study are the following:**
 - Definition of Local services
 - Services provided by service providers
 - End-to-end IP transparency
 - 3GPP specific adaptations of applications
- **Dialogue with SA2 on IM CN Subsystem Roaming**
 - Distinction between PS roaming and IMS roaming

UE Functionality Split

- **Several joint meetings (4) since SA#12**
- **SA1 has made progress on a draft report**
- **GERAN working on “Optimised Voice”**
 - Assume no split possible
 - Requirements for Optimised Voice seem unclear
- **SA3 working on ISIM possibly distinct from USIM => impact on UEFS unclear.**
- **More thought needed, this topic is at risk for Release 5**

Presence

- **Work on Presence Service continues to be well-supported**
- **Stage 1 now considered ready for approval**
- **SA1 has now presented the Stage 1 to SA2 for further consideration**

MBMS

- **“Broadcast/Multicast Multimedia” is now called “Multimedia Broadcast/Multicast Service”**
- **Stage 1 now considered ready for approval**
- **SA1 has now presented the Stage 1 to SA2 for further consideration**

Streaming/Push

- **Some first attempts to develop requirements for Streaming and Push**
- **Rather difficult to get agreement and focus on scope**
- **More Stage 1 level thinking needed before technical implementations go too far**

Requirements Needed First!

- **SA1 has been asked to consider requirements for, e.g.:**
 - **SAT originated SMS**
 - **EMS on Cell Broadcast**
- **Need for requirements to be discussed in SA1 before technical groups start the work**

Future SA1 Plenary Meetings

- **SA1#14** **5-9 Nov 2001** **Japan, hosted by NTT DoCoMo**
- **SA1#15** **11-15 Feb 2002, Austria, hosted by Siemens**
- **SA1#16** **13-17 May 2002, Victoria, Canada, hosted by AWS**
- **SA1#17** **12-16 Aug 2002, host offered: SBC (North America)**
- **SA1#18** **11-15 Nov 2002, no host**

Future Adhocs

- **OSA #9** 15 - 16 Oct 2001, Loipersdorf, Austria
- **MBMS #3** 15 - 16 Oct 2001, Loipersdorf, Austria
- **Framework #3** 15 - 17 Oct 2001, Loipersdorf, Austria
- **Presence #7** 16 - 17 Oct 2001, Loipersdorf, Austria
- **Streaming #2** 16 - 17 Oct 2001, Loipersdorf, Austria

- **SA1 Ad hocs** 14 -18 Jan 2002, Phoenix, USA, AT&T Wireless
- **SA1 Ad hocs** 15 -19 Apr 2002, no host
- **SA1 Ad hocs** 08 -12 Jul 2002, no host
- **SA1 Ad hocs** 14 -18 Oct 2002, no host

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

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Liaison Statements

- SP-010407 LS on working with EP BRAN
- SP-010408 LS on Framework Specification



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Vocabulary

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010430	21.905	011		R99	F	CR to 21.905v3.2.0 (R99) on Alianment of definitions requested by RAN 4	3.2.0	3.3.0	S1-010647
SP-13	SP-010430	21.905	012		Rel-4	F	CR to 21.905v4.3.0 (Rel-4) on Alianments of definitions requested by RAN 4	4.3.0	4.4.0	S1-010648
SP-13	SP-010430	21.905	013		Rel-5	B	CR to 21.905v5.0.0 (Rel-5) on Alianment of definitions requested by RAN 4	5.0.0	5.1.0	S1-010649
SP-13	SP-010429	21.905	014		R99	F	Addina new definitions for 21.905 for lu mode and A/Gb mode	3.2.0	3.3.0	S1-010610
SP-13	SP-010429	21.905	015		Rel-4	A	Addina new definitions to 21.905 for In lu mode and In A/Gb mode	4.3.0	4.4.0	S1-010611
SP-13	SP-010431	21.905	016		Rel-5	B	CR to 21.905 version 5.0.0 Nomenclature for GTT	5.0.0	5.1.0	S1-010838

MExE

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010440	22.057	007		Rel-5	F	Generic requirements for support of multiple MExE classmarks	5.1.0	5.2.0	S1-010629

HSDPA

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010442	22.060	021	1	Rel-5	B	Introduction of High Speed Downlink Packet Access	4.2.0	5.0.0	S1-010898

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010442	22.105	032	1	Rel-5	B	Introduction of High Speed Downlink Packet Access	4.2.0	5.0.0	S1-010897

Services and Service Capabilities

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010442	22.105	032	1	Rel-5	B	Introduction of High Speed Downlink Packet Access	4.2.0	5.0.0	S1-010897

CAMEL



SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010432	22.078	112	3	Rel-5	B	Enhanced charging for Call Party Handling. 22.078-112: Rel 5: F	5.3.0	5.4.0	S1-010782
SP-13	SP-010432	22.078	113	2	Rel-5	F	CR to 22.078 (Rel-5) on Introduction of definitions for CPH 22.078-113: Rel 5: F	5.3.0	5.4.0	S1-010851
SP-13	SP-010432	22.078	114	1	Rel-5	F	CR to 22.078 (Rel-5) on Editorial corrections to subclause 8.1. 22.078-114: Rel 5: F	5.3.0	5.4.0	S1-010691
SP-13	SP-010432	22.078	115	1	Rel-5	B	Introduction service requirements for CAMEL interworking with the IP multimedia subsystem 22.078-115: Rel 5: B	5.3.0	5.4.0	S1-010873
SP-13	SP-010432	22.078	116		Rel-5	C	CR additional procedure description to Charging Notification 22.078-116: Rel 5: C	5.3.0	5.4.0	S1-010693
SP-13	SP-010432	22.078	118		Rel-5	C	CR additional information called party connection procedure 22.078-118: Rel 5: C	5.3.0	5.4.0	S1-010695
SP-13	SP-010432	22.078	119	2	Rel-5	B	Tones support for CAMEL phase 4	5.3.0	5.4.0	S1-010852
SP-13	SP-010432	22.078	120		Rel-5	F	Correction of on line charging procedures in case of CPH	5.3.0	5.4.0	S1-010806
SP-13	SP-010432	22.078	121	1	Rel-5	B	Applicability of CAMEL to IMS	5.3.0	5.4.0	S1-010853
SP-13	SP-010432	22.078	122	1	Rel-5	B	Applicability of CAMEL to IP Multimedia sessions	5.3.0	5.4.0	S1-010878
SP-13	SP-010432	22.078	123		Rel-5	B	CAMEL and IM application registration	5.3.0	5.4.0	S1-010666

Facsimile

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010428	22.100	030	2	R99	F	Correction of support of facsimile teleservice for UMTS R99 specifications	3.6.0	3.7.0	S1-010862

Service Principles

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010441	22.101	083		Rel-4	F	Addition of a statement on parameter storage on the SIM/USIM.	4.4.0	4.5.0	S1-010831
SP-13	SP-010441	22.101	084		Rel-5	A	Addition of a statement on parameter storage on the SIM/USIM.	5.3.0	5.4.0	S1-010832
SP-13	SP-010437	22.101	085		Rel-4	F	Correction of MMS paragraph	4.4.0	4.5.0	S1-010772
SP-13	SP-010436	22.101	086	1	Rel-5	F	Definition of Home Environment	5.3.0	5.4.0	S1-010889



OSA

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010439	22.127	014	1	Rel-5	B	Re-introduction of R5 OSA function: Traceability. CR 22.127 - 14	5.0.0	5.1.0	S1-010864
SP-13	SP-010439	22.127	015		Rel-5	B	Re-introduction of R5 OSA function: Multi Media Channel Control CR 22.127-15	5.0.0	5.1.0	S1-010658
SP-13	SP-010439	22.127	016		Rel-5	B	Re-introduction of R5 OSA function: Retrieval of Network Capabilities CR 22.127-16	5.0.0	5.1.0	S1-010659
SP-13	SP-010439	22.127	017		Rel-5	B	OSA support of information service function CR 22.127-17	5.0.0	5.1.0	S1-010660
SP-13	SP-010439	22.127	018		Rel-5	B	OSA support of Presence service function CR 22.127-18	5.0.0	5.1.0	S1-010661
SP-13	SP-010439	22.127	019		Rel-5	B	OSA requirements for User Data Management CR 22.127-19	5.0.0	5.1.0	S1-010662
SP-13	SP-010439	22.127	020		Rel-5	B	OSA requirements on User Profile Access Management CR 22.127-20	5.0.0	5.1.0	S1-010663
SP-13	SP-010439	22.127	021		Rel-5	F	Correction of Scope statement CR 22.127-21	5.0.0	5.1.0	S1-010664
SP-13	SP-010436	22.127	024	1	Rel-5	F	Definitions of Home Environment and HE-VASP	5.0.0	5.1.0	S1-010890

Handover Requirements

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010434	22.129	020	1	Rel-5	B	Release 5 IMS Service Continuity Requirements	4.3.0	5.0.0	S1-010859
SP-13	NP-010505	22.129	021		R99	F	Bearer selection criteria of calls in a multicall	3.5.0	3.6.0	
SP-13	NP-010506	22.129	022		R99	A	Bearer selection criteria of calls in a multicall	4.3.0	4.4.0	

GTT

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010433	22.226	001		Rel-5	F	CR to 22.226 version 5.0.0 GTT Stage 1 as requested by SA	5.0.0	5.1.0	S1-010861

IMS

SA Meet	SA Doc.	Spec	CR	Rev	Phase	Cat	Subject	Vers	New Vers	SA1 Doc
SP-13	SP-010435	22.228	007		Rel-5	D	Interworking with internet	5.2.0	5.3.0	S1-010824
SP-13	SP-010435	22.228	008		Rel-5	C	Determination of terminal capability	5.2.0	5.3.0	S1-010825
SP-13	SP-010438	22.228	009	2	Rel-5	C	CR to 22.228 on IM CN Subsystem Roaming	5.2.0	5.3.0	S1-010896

Other documents for SA

SP-010443	Stage 1 description of Multimedia Broadcast/Multicast Service (22.146 v2.0.0) for approval	7.1.3
SP-010444	Stage 1 description of Presence Service (22.141 v2.0.0) for approval	7.1.3
SP-010445	WID for Distributed Speech Recognition (DSR)	7.1.3
SP-010446	WID for Generic User Profile	7.1.3