

3GPP TSG SA #17
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TSG-SA WG2 report at TSG SA #17

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and

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General aspects (1/4)

Events since TSG-SA #16 plenary

- **TSG-SA WG2 has met twice as “SA2 plenary”:**
 - SA2#25 in Naantali, Finland, 24 – 28 June, hosted by Nokia, Elisa Communications, Finnet, Sonera and Ficora
 - SA2#26 in Toronto, Canada, 19 – 23 August, hosted by RIM
- **No ad-hoc or drafting meetings held outside the SA2 plenary meeting weeks**

General aspects (2/4)

SA2 drafting sessions during SA2#25 & SA2#26:

- GUP, chaired by Mr. Harri Koskinen (Nokia)
- WLAN, chaired by Mr. Frederic Paint (Telenor)
- LCS, chaired by Mr. Jan Kåll (Nokia)
- MBMS, chaired by Mr. André Jarvis (Hutchison 3G UK Ltd)
- Presence, chaired by Ms. Kirsi Maansaari (Nokia)
- CRs on TS 23.060 and TS 23.107, chaired by Mr. Frank Mademann (Siemens)
- IMS harmonisation and access independence, chaired by Mr. Balazs Bertenyi (Nokia)

E-mail discussions monitored by Mr. A. Noda (Fujitsu).

***SA2 Vice-Chairs, Mr. A. Noda and Ms. Bonnie Chen
(Motorola)***

THANKS TO ALL OF THEM !!

General aspects (3/4)

Next SA2 meetings:

- SA2#27: 14-18 October (CWTS/Huawei, Beijing, China). Co-located with SA1 SWGs.
- SA2#28: 11-15 November (Japanese Friends of 3GPP, Bangkok, Thailand). Co-located with TSG-CN WGs.

General aspects (4/4)

Statistics at SA2#25 and SA2#26

- **Around 120-130 delegates attended each meeting**
- **Around 1.000 temporary documents handled, among them:**
 - 123 incoming LSs
 - 52 outgoing LSs
 - 243 CRs (including revisions)
- **875 people registered on the SA2 e-mail reflector on Sep 3rd.**

- **General aspects (events since SA#16, statistics, next meetings)**
- ✍ • ***Issues on Rel99 and before***
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Issues on Rel99 and before

- **Some corrections done. By default mirror CRs of these changes exist for Rel4 & Rel5 as well.**
- **Corrections on TS 03.60 & 23.060 (GPRS stage 2):**
 - **No MT calls after resumption of GPRS when using NMO=1 (agreed from R97 onwards)**
 - **Handling of preserved realtime PDP contexts (i.e., max bit rate changed to 0 kbit/s):**
 - **RAB re-establishment of realtime contexts**
 - **Interworking between nodes supporting different GTP versions (i.e., GTPv0 and GTPv1)**
 - **Interworking between GTPv0 and GTPv1 elements:**
 - **Handling of PDP contexts using an extended TI**
 - **Handling of preserved PDP contexts**
 - **Setting of PDP Context Identifier after inter-SGSN RAU from GTPv0-only SGSN**
 - **QoS subscription**
 - **Subscribed QoS (change for TS 23.107)**
 - **QoS to be requested for realtime traffic classes**

Issues on Rel99 and before

- **Correction on TS 03.71 & TS 23.171 (LCS):**
 - Privacy class selection flow diagram (03.71 and 23.171)
 - Wrong numbering of chapter 5.4.3 in the TS 23.171
- **Correction on TS 23.002 (Network Architecture):**
 - The usage of lu-interface signalling is missing in the E-interface description
- **Correction on TS 23.107 (QoS Concept and Architecture):**
 - Subscribed QoS
 - Modification of the minimum transfer delay value for traffic class Streaming
 - Classes of service vs Traffic classes

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Issues on Release 4

Most of Release 4 CRs are mirror CRs of Rel-99 changes, except the following ones:

- **CR 99r2 on 23.002: Alignment of LCS architecture with the work on Radio Access Networks (RAN & GERAN)**
- **CR on 23.060 on Removal of Forward SRNS Context Acknowledge message**
 - **Mistake introduced when a Rel4 specification version was created**
- **Two CRs on 23.271:**
 - **Removal of a note related to a study of IMS in LCS for call/session related class**
 - **Privacy procedure correction**

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Issues on Release 5 (1/3)

- **Mirror CRs of R99 and Rel4 CR's**
- **Release 5 only changes:**
 - **TS 23.002:**
 - Clean-up of TS 23.002 and IMS Reference Points
 - **TS 23.060 (GPRS):**
 - Addition of PCO IE to PDP Modification procedure
 - Sending downlink packet during SRNS relocation
 - Correction of some references in the specification

Issues on Release 5 (2/3)

- **TS 23.271 (LCS):**
 - Clarification of Interworking mechanism between network nodes in different releases
 - Receiving the deferred MT-LR for the UE during waiting for the event of the same UE
 - Handling of codeword in case of combined periodical/deferred MT-LR
- **TS 23.207 (End to end QoS):**
 - Alignment with stage 3.
 - Feedback to ITU-R M.1079 Recommendation has been provided (via the ITU-R ad-hoc)
 - Modification of IMS Signalling PDP context,
 - Policy control procedures on PDP context modification,
 - SBLP Handling and TFT Processing,
 - Source IP address filtering for Service Based Local Policy

Issues on Release 5 (3/3)

- **TS 23.228 (IMS):**
- **Alignment with Stage 3.**
- **Number of CRs continues to decrease, 16 CRs:**
 - Private ID cleanup
 - Support of Originated Requests from Application Servers
 - Emergency sessions
 - Modification of IMS Signalling PDP context
 - Clarification on Filter Criteria
 - Corrections on session redirection procedures
 - Procedures for providing or blocking identity
 - Policy control procedures on PDP context modification
 - Location information in IMS
 - Use of the Secondary PDP Context Activation Procedure for IMS
 - Clarification on registration and re-registration procedures
 - ISC cleanup

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Rel-6 work items (1/4)

- **Presence**
 - TS 23.141 is presented for approval. This is based on the TR 23.841 that was approved at SA#16, where also this intention to present a TS for information & approval at SA#17 was communicated.
 - Main enhancements are clarifications on the Presence Server functionality, editorial corrections, re-structuring of the doc, etc
- **MBMS**
 - TR 23.846 on Feasibility Study is presented for approval.
 - Work is proposed to be continued on a MBMS Stage 2 definition (i.e. a TS), along with a resolution of the identified key issues.
- **Push Services**
 - No work yet started. There has been no contributions on this topic so far. Also waiting for the finalisation of stage 1 in the SA1.

Rel-6 work items (2/4)

- **Location Services**
 - Work ongoing on LCS enhancements 2.
 - TS 23.271 version 6 updated to include:
 - Introduction the privacy profile register
 - Introduction of the GMLC - GMLC Lr (roaming) interface
 - WID for a study of the applicability of GALILEO for LCS is presented for approval to TSG-SA#17
- **IMS Phase 2**
 - Technical work ongoing.
 - Topics: Handling of emergency calls/sessions, IMS messaging, etc.
 - Two new WIDs are presented for approval to this meeting:
 - WID description for Commonality and Interoperability between IMS's
 - WID on IMS phase 2, defining the content of IMS phase 2 work in Release 6

Rel-6 work items (3/4)

- **WLAN**
 - TR 23.934 is presented for information.
 - A new TS is proposed to be started to include Stage 2 for the work identified by the SA1. TR will continue as a feasibility study for the more advanced scenarios.
 - WID for the 3GPP-WLAN interworking has been updated to reflect this current status of work.
- **GUP**
 - Technical work has started at SA2
 - Information exchange with other WG's, email discussions taking place at 3GPP GUP email reflector.
 - Revised WID is presented for TSG-SA approval. Updates only the completion date of TS 23.240. New schedule for 23.240:
 - For information: SA#18
 - For approval: SA#19

Rel-6 work items (4/4)

- **Commonality and Interoperability between IMSs**
 - WID has been created and is presented for approval.
 - Work has started, several contributions been reviewed.
 - Intention is to create a placeholder document in the SA2 (a TR) to capture the work in progress before any CRs are finally agreed against the SA2 specifications.
- **Radio optimisation impacts on PS domain architecture:**
 - A few contributions on this topic that have been revised and included in the TR.
- **Dynamic policy control enhancements feasibility study:**
 - Includes considerations for policy control evolution in Rel6.
 - A revised WID is provided for approval to this meeting.

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Actions expected from SA#17 by SA2 (1/6)

Presentation for approval:

- **TR 23.846 v.2.0.0: “MBMS” in SP-020535**

Actions expected from SA#17 by SA2 (2/6)

Presentation for information:

- **TR 23.934 v.1.0.0 on WLAN in SP-020536**
- **TS 23.234 v.1.0.0 on WLAN in SP-020537**

Actions expected from SA#17 by SA2 (3/6)

Presentation for approval:

- **TS 23.141 v.1.0.0 on Presence in SP-020538**

Actions expected from SA#17 by SA2 (4/6)

Approval of the following CRs (1/2):

- **On 03.60 and 23.060 (GPRS/PS domain stage 2):**
 - CR list in SP-020528
- **On 03.71, 23.171 and 23.271 (LCS Stage 2):**
 - CR list in SP-020529
- **On 23.002 (Network Architecture):**
 - CR list in SP-020530
- **On 23.107 (QoS):**
 - CR list in SP-020531
- **On 23.207 (End to end QoS):**
 - CR list in SP-020532

Actions expected from SA#17 by SA2 (5/6)

Approval of the following CRs (2/2):

- **On 23. 221 (Architecture Requirements):**
 - **CR list SP-020533**
- **On 23.228 (IMS Stage 2):**
 - **CR list in SP-020534**

Actions expected from SA#17 by SA2 (6/6)

- **Work item descriptions:**
 - Revised WID on GUP in SP-020539
 - Revised WID for a FS on Dynamic Policy control enhancements for end-to-end QoS in SP-020540
 - Revised WID for 3GPP-WLAN Interworking in SP-020542
 - WID description for Commonality and Interoperability between IMSs in SP-020543
 - WID on IMS phase 2 in SP-020544
 - WID for a study into applicability of GALILEO for LCS in SP-020541



**That's all, folks.
Thank You!**

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