TSG-SA WG2 report
at TSG SA #19

Mikko Puuskari, Outgoing SA2 Chairman,

Magnus Olsson, Incoming SA2 Chairman,

and

Sang-Ui Yoon, MCC (SA2 Support)

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➔ • ***General aspects (Leadership, events since SA#18, statistics, next meetings)***

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• **Issues on Release 4**

• **Issues on Release 5**

• **Progress and issues on Release 6**

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New Leadership

- **Newly elected SA2 leadership for the next 2-year term:**
  - **SA2 Chairman: Magnus Olsson (Ericsson)**
  - **SA2 Vice-chairmen:**
    - **Akishige Noda (Fujitsu)**
    - **Alexander Milinski (Siemens)**
- **MCC Support: Sang-Ui Yoon**

General aspects (1/4)

Meetings since TSG-SA #18

- ## TSG-SA WG2 plenary meetings:
  - ### SA2#29 in San Francisco, U.S.A., 20 - 24 January, hosted by AT&T Wireless and Rogers Wireless
    - Joint discussions with SA1 on policy based control of DiffServ related matters
    - Joint discussions with SA4 on eTFO and MBMS
  - ### SA2#30 in Milan, Italy, 24 – 28 February, hosted by European Friends of 3GPP
    - Joint meeting with SA3 to discuss security requirements for MBMS

General aspects (2/4)

SA2 drafting sessions held during SA2#29 & SA2#30:

- CRs on TS 23.060 and TS 23.107, chaired by Mr. Frank Mademann (Siemens)
- LCS, chaired by Mr. Jan Kåll (Nokia)
- MBMS, chaired by Mr. André Jarvis (THREE)
- WLAN, chaired by Mr. Frédéric Paint (Telenor)
- Early UE Handling, chaired by Mr. Chris Pudney (Vodafone)

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

SA2 Vice-Chairs until now: Mr. Aki Noda and Ms. Bonnie Chen (Motorola)

THANKS TO ALL OF THEM !!

General aspects (3/4)

Next SA2 meetings:

- **SA2 #31: 7 - 11 April, 2003**
  - – **Seoul, Korea**
  - – **Hosted by Samsung.**
  - – **Co-located with SA1, RAN2, and RAN3.**

- **SA2 #32: 12 - 16 May, 2003**
  - – **San Diego, U.S.A.**
  - – **Hosted by North American Friends of 3GPP.**
  - – **Co-located with SA1**

General aspects (4/4)

Statistics at SA2#29 and SA2#30:

- **Around 120-130 delegates attended each meeting**
- **Around 1.000 temporary documents handled, among them:**
  - 95 incoming LSs
  - 35 outgoing LSs
  - 159 CRs (including revisions)
- **855 people registered on the SA2 e-mail reflector on March 7th.**

- **General aspects (Leadership, events since SA#18, statistics, next meetings)**

➔ - ***Issues on Rel99 and before***

- **Issues on Release 4**

- **Issues on Release 5**

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Issues on Rel99 and before

- ## LCS-related correction to TS 23.032 (R99)
  - ### UMTS services have been added to the scope of this specification

- **General aspects (Leadership, events since SA#18, statistics, next meetings)**
- **Issues on Rel99 and before**
➔ - *Issues on Release 4*
- **Issues on Release 5**
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Issues on Release 4

- **Release 4 changes (in addition to mirror CRs of R99 changes)**

  - **LCS architecture figures in TS 23.002 are modified as requested by RAN WG2**

- **General aspects (Leadership, events since SA#18, statistics, next meetings)**
- **Issues on Rel99 and before**
- **Issues on Release 4**
➔ - *Issues on Release 5*
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Issues on Release 5 (1/3)

- **In addition to mirror CRs of R99 and Rel4 changes:**
  - **Architecture (TS 23.002):**
    - **LCS architecture figures in TS 23.002 are modified as requested by the RAN WG2**
    - **Reference to LIF specifications have been changed**
  - **UMTS QoS (TS 23.107)**
    - **Signalling PDP context indication has been approved**
  - **GPRS Stage 2 (TS 23.060):**
    - **IMS Signalling flag related change also introduced to TS 23.060**
  - **End to end QoS (TS 23.207):**
    - **Editor's notes have been removed**

Issues on Release 5 (2/3)

- – **LCS Stage 2 (TS 23.271):**
  - • **Requestor ID in LCS client name**
  - • **Addition of Position Method Used, to attributes returned with location estimate**
- – **IMS (TS 23.228):**
  - • **Correction of P-CSCF initiated session release**
  - • **Subscribed media related change**
  - • **Technically correct CR introducing IMS access using SIM in 3G UEs has been created**
    - **=> Decision on SIM access to be taken by the TSG-SA!**

Issues on Release 5 (3/3)

- **Handling of Early UEs**
  - **Efficient work on the topic.**
  - **TS 23.195 (for Release 5) is provided for information to SA#19.**
  - **Scope of the Early UE WID and TR have been updated (c.f. discussions and comments received at TSG-SA#18)**
  - **WID has been updated, and revised version is presented for approval at SA#19.**
  - **LS sent to TSG-RAN and also copied to TSG-SA (in SP-030151)**

- **General aspects (Leadership, events since SA#18, statistics, next meetings)**

- **Issues on Rel99 and before**

- **Issues on Release 4**

- **Issues on Release 5**

➜ - *Progress and issues on Release 6*

- **Actions expected from SA#19 by S2**

Rel-6 work item status (1/5)

- **Presence Stage 2**
  - **Some corrections and additions to TS 23.141 (11 CRs)**
    - **E.g. partial notifications, presence filtering and attribute clarifications, support of publishing from multiple terminals, Pc interface, charging aspects for presence service, etc.**

- **MBMS Stage 2**
  - **Work on MBMS Stage 2 is continuing with several key discussion items**

- **Push Services Stage 2**
  - **Work Item Description for Stage 2 study of Push Services has been updated and is presented for approval at this meeting.**

- **Network Sharing Stage 2**
  - **Discussions on network sharing have started in the SA2.**
  - **Work Item Description for Stage 2 of Network Sharing is presented to TSG-SA#19 for approval.**

Rel-6 work item status (2/5)

- **Location Services Stage 2**
  - **LCS2 Work Item Description has been updated**
  - **TS 23.271 Release 6 updates:**
    - **Support for anonymous target mobile user has been added**
    - **Improvements of inter-GMLC interface and privacy interface procedures**
    - **Service area (country) for LCS client**
    - **Indication of position method to the LCS client added**
- **System architecture TS 23.002**
  - **Introduction of data manipulation interface between the UE and the network**
- **GUP Stage 2**
  - **GUP Stage 2 TS 23.240 is presented for information at SA#19**

Rel-6 work item status (3/5)

- **PS Domain and IM CN Subsystem support for IMS Emergency sessions**
    - Conclusion to go with a quick TR approach for emergency sessions (i.e. TR will be created)
    - Related WID have been updated and is presented for approval at SA#19.

- **IMS Phase 2**
    - 10 CRs agreed to TS 23.228:
        - E.g. introduction of public service identities, routeing of non-SIP URIs, introduction of forking capabilities, clarifications of emergency call routeing procedures, etc.

- **IMS Commonality and Interoperability**
    - A lot of work has been done for this item.
    - Huge CRs agreed by SA2 for TS 23.221 and TS 23.288 to re-organise these specifications in order to remove GPRS-dependencies from the main part of the specifications to normative annex. TR on IMS Commonality and Interoperability has been worked on in parallel.

Rel-6 work item status (4/5)

- **Radio optimisation impacts on PS domain architecture:**
  - Only few contributions received on this topic.
- **Policy control in Release 6:**
  - Plenty of contributions on policy control evolution.
  - Study of dynamic policy control enhancements is ongoing (TR 23.917).
  - Discussions on Policy-based control of DiffServ going on.
- **GPRS Stage 2**
  - Two Release 6 only changes to TS 23.060:
    - Addition of interaction between SMS over GRPS and supplementary service
    - Clarification of QoS negotiation during context activation for A/Gb mode
- **IP Flow Based Bearer Charging Evolution**
  - Work has been started with good contributions.
  - Internal Technical Report is to be produced.

Rel-6 work item status (5/5)

- **Early UE**
  - **TR 23.895 (Release 6)**
    - **Clarification of UESBI at handover**
    - **Clarifications to the TR.**
    - **Updated scope of the TR.**

- **eTFO:**
  - **Following SA#18 discussions and advice, SA2 has spent considerable time to review and analyse the proposed WID on Enhanced TFO, and provides feedback on identified system impacts in an LS to TSG-SA.**
  - **See LS in SP-030065.**

- **WLAN**
  - **LS in SP-030066 is providing more information on SA2 WLAN work.**
  - **TS 23.234 has been split to scenario 2 and scenario 3 parts, and is expected to be provided for approval at TSG-SA#20 in June.**
  - **TR work on considerations for scenario 4 and onwards is of lower priority in the SA2.**
  - **See LS in SP-030066.**

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Actions expected from SA#19 by SA2 (1/4)

Presentation for information:

- **TS 23.195 v1.0.0 in SP-030130**
- **TS 23.240 v1.0.0 in SP-030131**

Actions expected from SA#19 by SA2 (2/4)

Approval of the following CRs (1/2):

- **23.060 (GPRS/PS domain stage 2):**
    - **CR list in SP-030113**

- **23.271 (LCS Stage 2):**
    - **CR list in SP-030114**

- **23.002 (Network Architecture):**
    - **CR list in SP-030115**

- **23.032 (LCS Geographic shapes):**
    - **CR list in SP-030116**

- **23.107 (QoS):**
    - **CR list in SP-030117**

Actions expected from SA#19 by SA2 (3/4)

Approval of the following CRs (2/2):

- **23.141 (Presence):**
  - CR list in SP-030118

- **23.207 (End to end QoS):**
  - CR list in SP-030119

- **23. 221 (Architecture Requirements):**
  - CR list SP-030120

- **23.228 (IMS Stage 2):**
  - CR list in SP-030121

- **23.895 (Early UE handling):**
  - CR list in SP-030122

Actions expected from SA#19 by SA2 (4/4)

- **New WIDs for approval:**
  - **WID on Network sharing stage 2 in SP-030123**
  - **WID on PS domain and IM CN subsystem support for IMS Emergency sessions in SP-030124**
- **Revised WIDs for approval:**
  - **Updated WID for Early UE in SP-030125**
  - **Updated WID for Push Services in SP-030126**
  - **Updated WID for LCS enhancements 2 in SP-030127**

That's all, folks.

Thank You!