

3GPP TSG-SA Meeting #25
Palm Springs, U.S.A., 13-16 September 2004

SP-040516



TSG-SA WG2 report at TSG SA #25

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 - ï Issues on Rel99 and before**
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General aspects (1/5)

Meetings since TSG-SA #24

ï TSG-SA WG2 plenary meeting:

ñ SA2#41 in Montreal/Canada, 16~20 August,
hosted by North American Friends of 3GPP

General aspects (2/5)

Statistics at SA2#41:

- ï **Around 80 delegates attended**
- ï **Around 500 temporary documents handled, among them:**
 - ñ **60 incoming LSs**
 - ñ **20 outgoing LSs**
 - ñ **245 CRs (including revisions)**
- ï **835 people registered on the SA2 e-mail reflector on August 31st.**

General aspects (3/5)

SA2 drafting sessions held during SA2#41:

- ï MBMS, chaired by Andre Jarvis (3)
- ï WLAN, chaired by Mr. Nicolas Martiquet (Orange)
- ï Charging, chaired by Dr. Alexander Milinski (Siemens)
- ï Network sharing, chaired by Dr. Ulf Nilsson (TeliaSonera)
- ï CS Voice and Video, chaired by Mr. Chris Pudney (Vodafone)

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

SA2 Vice-Chairs: Mr. Aki Noda and Dr. Alexander Milinski

THANKS TO ALL OF THEM !!

General aspects (4/5)

Next SA2 meeting:

- ï **SA2 #42: 11 - 15 October, 2004**
 - ñ **Sophia Antipolis, France**
 - ñ **Hosted by ETSI**
- ï **SA2 #43: 15 - 19 November, 2004**
 - ñ **Seoul, Korea**
 - ñ **Hosted by Samsung**

General aspects (5/5)

Planned SA2 meetings for 2005:

- ï **SA2 #44: January 26 ñ February 2, EU***
- ï **SA2 #45: April 4 - 8, Asia**
- ï **SA2 #46: May 9 - 13, EU**
- ï **SA2 #47: June 27 ñ July 1, NA**
- ï **SA2 #48: September 5 ñ 9, ETSI**
- ï **SA2 #49: November 7 - 11, Asia**

*** Wednesday to Wednesday meeting**

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Issues on Rel99 and before

ï No issues



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Issues on Release 4

ñ LCS (TS 23.271)

- ï Corrections to NI-LR using Location Based Routing procedures
- ï Note that the Release 5 (and Release 6) version of the CR are not pure mirrors of the Release 4 CR

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Issues on Release 5

ñ **GPRS (TS 23.060)**

- ï **Correction of the definition of DTM**

ñ **Early UE (TS 23.195)**

- ï **The retrieval of IMEISV is made optional for the case where it is known that the UE do not support UMTS**

ñ **IPv4 based IMS implementations**

- ï **A Release 5 version of TR 23.981 is created (as agreed at SA#24)**
- ï **A CR to TS 23.221 release 5 to add a reference to TR 23.981**

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Rel-6 work item status (1/8)

- ï **GPRS Stage 2 (TS 23.060)**
 - ñ **Correction of the Network Requested PDP Context Activation**
 - ñ **Correction of the term PDP Configuration Options**
 - ñ **Introduction of Network sharing**

- ï **IP Flow Based Bearer Level Charging (TS 23.125)**
 - ñ **19 CRs agreed on additions, modifications and corrections related to:**
 - ï **Policy control functions, Charging Rules, Message flows etc..**
 - ñ **The overall FBC architecture including the study on policy control is complete**

Rel-6 work item status (2/8)

ï Presence (TS 23.141)

- ñ **The architecture is updated to clearly describe the functional entities (Presentity Presence Proxy) and functionalities needed by the PUA for the SIP Publish.**
- ñ **Clarification on how the Presence List Server fits into the generic presence architecture.**

Rel-6 work item status (3/8)

- ï **Policy Control and End to End QoS (TS 23.207)**
 - ñ **It is clarified that it shall always be possible to activate at least one non-realtime PDP context without an authorization token**
 - ñ **The option to generate multiple tokens is removed**
- ï **IMS Phase 2 (TS 23.228)**
 - ñ **10 CRs agreed on additions, modifications and corrections related to:**
 - ï **Session based messaging**
 - ï **Registration and re-registration**
 - ï **IMS Emergency Services**
 - ï **Preconditions**
 - ï **Forking**
 - ñ **Stage 2 for IMS phase 2 (including IMS Messaging) is now considered complete**

Rel-6 work item status (4/8)

ï WLAN (TS 23.234)

ñ 19 CRs agreed on additions, modifications and corrections related to:

- ï General corrections and clarifications**
- ï PLMN Selection**
- ï IMS over WLAN**
- ï Storage of the AAA IP address in the HSS**
- ï Multiple WLAN connections**
- ï Etc..**

ñ Note that TS 23.234 is stable and other groups can use it to develop stage 3

ï GUP Stage 2 (TS 23.240)

ñ Introduction of references to Liberty Alliance Project specifications to cover missing security aspects

Rel-6 work item status (5/8)

ï MBMS Stage 2 (TS 23.246)

ñ 13 CRs agreed, related to:

- ï MBMS Service Area**
- ï Session Identity**
- ï Separate rendering for 2G and 3G**
- ï MBMS Session Notification**
- ï MBMS UE context**
- ï General corrections and clarifications, etcÖ**

ï Network Sharing (TS 23.251)

- ñ Introduction of network sharing (non-)supporting UEs**
- ñ Handling of system information in connected mode**
- ñ Core network operator identity as part of LAI/RAI for supporting UEs**
- ñ Indication of selected core network operator to the CN for supporting UEs**

Rel-6 work item status (6/8)

- ï **Location Services Stage 2 (TS 23.271)**
 - ñ **Removal of erroneous sentence to NI-LR using Location Based Routing procedure**
 - ñ **Clarification that 'country code' in the context of service coverage and target area means E.164 country code for geographic areas**
- ï **BARS (TR 23.977)**
 - ñ **Addition of some abbreviations**

Rel-6 work item status (7/8)

- ï **PoC (TR 23.979)**
 - ñ **TR 23.979 is progressing well and is planned to be sent for approval at SA#26**
- ï **IPv4 based IMS implementations (TR 23.981)**
 - ñ **A Release 5 version of TR 23.981 is created**
 - ñ **In addition 2 CRs on:**
 - ñ **IPv4 access to multimedia services and Mb reference point**
 - ñ **Corrections to scenario ñ IPv4 visited and IPv6 home**

Rel-6 work item status (8/8)

ï CS Voice and Video

ñ TR 23.903 (Re-dial solution) is sent for information

ñ TR 23.903 is planned to be completed in December

ñ TR 23.801 is kept as a place holder for discussion on the long-term solutions but may be abandoned at a later stage

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Issues on Release 7

- ï **Access Class Baring and Overload Protection**
 - ñ **TR 23.898 is progressing well**
 - ñ **New completion date set to March 2005 but some companies believe it can be completed by December 2004**
- ï **Combination of CS and IMS (TR 23.899)**
 - ñ **The TR 23.899 is progressing well**
 - ñ **New completion date is set to March 2005**

Issues on Release 7

- ï **PS domain and IMS impacts for supporting IMS Emergency calls**
 - ñ **Some companies have indicated that they intend to re-start the work**
 - ñ **It is estimated that the IMS aspects of the solution may be completed by March 2005**
- ï **Study on E2E QoS Enhancements**
 - ñ **TR 23.802 is started**

Not yet complete Release 6 items

- ï **FS on applicability of GALILEO for LCS**
 - ñ SA2 has asked other WGs for feedback on the study but has not received anything (since May 2003)
 - ñ No contributions received in SA2 (since May 2003)
- ï **3GPP Enablers for services like Push to Talk over Cellular (PoC)**
 - ñ SA2 expects to send the PoC TR for approval at the December SA plenary
- ï **CS Video and Voice Service Improvements**
 - ñ TR 23.903 sent for information to SA#25, and is expected to be complete at SA#26
 - ñ The new redial TR is planned to be complete SA#26

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Actions expected from SA#25 by SA2 (1/5)

ï Presentation for information:

- ñ TR 23.903, " Redial Solution for Voice-Video Switching", Version 1.0.0 in [SP-040535](#)**

Actions expected from SA#25 by SA2 (2/5)

Approval of the following CRs (1/3):

- ï 23.060 (GPRS/PS domain stage 2):
 - ñ CR list in [SP-040517](#)
- ï 23.125 (IP flow based charging):
 - ñ CR list in [SP-040518](#)
- ï 23.141 (Presence):
 - ñ CR list in [SP-040519](#)
- ï 23.195 (Early UE)
 - ñ CR list in [SP-040520](#)

Actions expected from SA#25 by SA2 (3/5)

Approval of the following CRs (2/3):

- ï 23.207 (End to End QoS)
 - ñ CR list in [SP-040521](#)
- ï 23.221 (Architecture Requirements):
 - ñ CR list in [SP-040522](#)
- ï 23.228 (IMS Stage 2):
 - ñ CR list in [SP-040523](#)
- ï 23.234 (WLAN interworking):
 - ñ CR list in [SP-040524](#)
- ï 23.240 (GUP stage 2):
 - ñ CR list in [SP-040525](#)

Actions expected from SA#25 by SA2 (4/5)

Approval of the following CRs (3/3):

- ï 23.246 (MBMS Stage 2):
 - ñ CR list in **SP-040526**
- ï 23.251 (Network Sharing)
 - ñ CR list in **SP-040527**
- ï 23.271 (LCS Stage 2):
 - ñ CR list in **SP-040528**
- ï 23.977 (BARS):
 - ñ CR list in **SP-040529**
- ï 23.981 (IPv4 based IMS Implementations):
 - ñ CR list in **SP-040530**

Actions expected from SA#25 by SA2 (5/5)

- ï **Updated WID for approval:**
 - ñ **Revised WID on End to End QoS Enhancements in [SP-040534](#)**
- ï **New WID for approval:**
 - ñ **New WID on Evolution of Policy Control and Charging in [SP-040533](#)**
 - ñ **New WID on IMS enhancement for NGN in [SP-040531](#)**
 - ñ **New WID on support of SMS and MMS over IP networks in [SP-040532](#)**



That's all, folks.

Thank You!

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Abbreviations

NI-LR	Network Induced Location Request
DTM	Dual Transfer Mode
IMEISV	International Mobile station Equipment Identity and Software Version Number
FBC	Flow Based Charging
PUA	Presence User Agent
BARS	Bandwidth And Resource Savings in cs networks

See also 3GPP TS 21.905