



SP-000586
TSG-S2 Status Report at TSG-SA#10 Meeting
Agenda point 7.2.1 11-14.12.2000

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3GPP TSG S2 Report



SA2 Status Report Content

- † General aspects (events since SA#9, statistics, next meetings)
- † Main technical discussions and decisions for R99
- † Main technical discussions and decisions for Rel4
- † Main technical discussions and decisions for Rel5
- † Actions expected from SA#10 by S2



SA2 Status Report Content

- † *General aspects (events since SA#9, statistics, next meetings)*
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General aspects (1/4)

† Events since previous TSG-SA plenary

† Since SA#9, SA2 has met:

† once as “plenary”: SA2#15 in Makuhari, Tokyo area, 13th to 17th of November, hosted by Fujitsu

† once as “drafting” but covering all SA2 aspects: 9th to 12th of October, Sophia-Antipolis

† In addition, several ad-hoc meetings took place:

† One dedicated to IMS (28th to 30th of November in New Jersey, partly jointly with N1 and S1)

† Other ones dedicated to VHE/OSA, Split architecture, Push services, etc.



SP-000586
TSG-S2 Status Report at TSG-SA#10 Meeting
Agenda point 7.2.1 11-14.12.2000

General aspects (2/4)

- † Activities of the S2 ad-hocs: dedicated sessions on:
 - † VHE/OSA, chaired by G. Kastelewicz (Siemens)
 - † QoS, chaired by M. Greis (Nokia), giving over to B. Chen (Motorola)
 - † LCS, chaired by J. Kall (Nokia)
 - † Split Architecture, chaired by J. Ibanez (Ericsson)
 - † IM subsystem, chaired by M. Puuskari (Nokia) and by R. Martin (Lucent)
 - † Push services, chaired by B. Chen (Motorola)
- † Again, lot of work handled by e-mail, and monitored by Y. Hiramatsu (S2 Vice- Chairman)

GREAT THANKS TO ALL OF THEM !!



General aspects (3/4)

† Next S2 meeting dates

- † TSG-S2#16, January 22-26, 2001, US (more precisions not available yet)
- † TSG-S2#17, February 26- March 2, 2001 (host needed)
 - † Looking for a possibility to postpone by one week because of UMTS Forum WS
 - † Possible joint meeting with S3



SP-000586

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Agenda point 7.2.1 11-14.12.2000

General aspects (4/4): SA2 statistics

- † Around 120 delegates participated to S2#15.
- † In addition, more than 1000 people are registered on the SA2 e-mail list.
- † For the year 2000:
 - † SA2 has handled some 2300 temporary documents, plus the ones from the ad-hoc meetings
 - † Liaison Statements:
 - † SA2 has received 246 LSs (53 at SA2#15)
 - † SA2 has sent more than 120 LSs (outgoing LSs from SA2#15 still being approved by e-mail)



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- † General aspects (events since SA#9, statistics, next meetings)
- † ***Main technical discussions and decisions for R99***
- † Main technical discussions and decisions for Rel4
- † Main technical discussions and decisions for Rel5
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Main technical discussions and decisions for R99

† Stabilisation of the R99 TSs:

Some corrective CRs have been provided on R99 TSs:

- † On 23.002 (Global Architecture, Stage 2): correction: Introduction of Camel entities in the PS domain
CR in SP-000587
- † On 23.060 (GPRS/PS domain stage 2): lot of uncorrelated corrections
CR list in SP-000588
- † On 23.101 (overall architecture): clarifications on the use of the terms MS and UE
CR in SP-000589
- † On 23.107 (QoS): Change of title and corrections on delay values
CR list in SP-000591
- † On 23.121 : Corrections on combined Mobility Management procedures
CR list in SP-000592
- † On 23.127 (VHE/OSA): Alignment with 29.198
CR list in SP-000590

†



SA2 Status Report Content

- † General aspects (events since SA#9, statistics, next meetings)
- † Main technical discussions and decisions for R99
- † *Main technical discussions and decisions for Rel4*
- † Main technical discussions and decisions for Rel5
- † Actions expected from SA#10 by S2



Main technical discussions and decisions for Rel4

Good progress on the following topics:

- † LCS stage 2 for Rel4 (TS 23.271): presented in version 2.0.0 in SP-000596
- † TR on Feasibility Study on Push Services (TR 23.874): to be changed from FS to actual feature (see WI in SP-000600)
- † QoS for Rel4: TS 23.207 on end-to-end QoS presented in version 1.0.0 in SP-000594
- † Feasibility Study on SGSN and GGSN split into transport and control (TR 23.873): presented in version 1.0.0 in SP-000597



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SP-000586

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Agenda point 7.2.1 11-14.12.2000

Main technical discussions and decisions for Rel5 On IP Multimedia Sub-system (IMS)

- † Refinement of the model
- † Significant progress on:
 - † Registration flows
 - † Mobile terminated and mobile originated call flows
- † IM Subsystem stage 2 in 23.228 now in version 1.4.0, presented to SA#10 in SP-000598.
- † Version 2.0.0 target moved from SA#10 to SA#11 but v.1.4.0 is provided here with a clear list of remaining open issues.



SP-000586
TSG-S2 Status Report at TSG-SA#10 Meeting
Agenda point 7.2.1 11-14.12.2000

Uncertainties about applicability: Rel4 or Rel5?

- † LCS interfaces: see SA2 proposed WI in SP-000599
- † Support of Real Time capable QoS for PS: lot of work, but stable results not guaranteed for March
- † No progress on GTT (Global Text Telephony): version 1.0.0 shifted from SA#9 to SA#10, and now from SA#10 to SA#11.



SP-000586

TSG-S2 Status Report at TSG-SA#10 Meeting
Agenda point 7.2.1 11-14.12.2000

Next targets

- † Finalise 23.228 (IM subsystem stage 2) by March
- † Finalise updating other TSs (23.002, 23.060, etc) to incorporate the new elements by March
- † Continue the work on the other features, and start investigating impacts of the new elements on these features (mainly LCS, VHE/OSA, QoS)



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- † *Actions expected from SA#10 by S2*



Actions expected from SA#10 by SA2 (1/6)

Presentation for information:

- † TS 23.228 v.1.4.0 on “IP Multimedia Subsystem Stage 2” in SP-000598 with a list of open issues



Actions expected from SA#10 by SA2 (2/6)

Presentation for information:

- † TS 23.207 v.1.0.0 on “End-to-end QoS Stage 2” in SP-000594



SP-000586
TSG-S2 Status Report at TSG-SA#10 Meeting
Agenda point 7.2.1 11-14.12.2000

Actions expected from SA#10 by SA2 (3/6)

Presentation for information:

- † TS 23.873 v.1.0.0 on “Feasibility Study on Split Architecture”
in SP-000597



Actions expected from SA#10 by SA2 (4/6)

Presentation for information:

- † TS 23.221 v.1.0.0 on “Architectural Requirements” in SP-000595



SP-000586
TSG-S2 Status Report at TSG-SA#10 Meeting
Agenda point 7.2.1 11-14.12.2000

Actions expected from SA#10 by SA2 (5/6)

† **Revision of existing Work Item:**

- † Revised WI: “*A feasibility study of an architecture for push services*” in SP-000600 changed from Feasibility Study to actual feature (previously agreed in SP-000291, later revised in SP-000453).
Foreseen to be completed at SA#11.



SP-000586

TSG-S2 Status Report at TSG-SA#10 Meeting
Agenda point 7.2.1 11-14.12.2000

Actions expected from SA#10 by SA2 (6/6)

- † New Work Item, with Liaison Statement:
 - † On LCS interfaces in SP-000599.
Not clear if it applies to Rel4 or Rel5.



Actions expected from SA#10 by SA2 (5/6)

† Approval of the following CRs:

- † On 23.060 (GPRS/PS domain stage 2): *CR list in SP-000588*
- † On 23.002 (Network Architecture): *CR list in SP-000587*
- † On 23.101 (overall Architecture): *CR list in SP-000589*
- † On 23.127 (VHE/OSA): *CR list in SP-000590*
- † On 23.107 (QoS): *CR list in SP-000591*
- † On 23.121 (General Architecture Requirements): *CR list SP-000592*
- † On 23.171 (LCS Stage 2 for Rel4): *CR list in SP-000593*