



SP-000660  
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**

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## 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)*
- † Main technical discussions and decisions for R99
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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, 13<sup>th</sup> to 17<sup>th</sup> of November, hosted by Fujitsu

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

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

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

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



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### 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 !!**



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### 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



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### 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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## 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.



### 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.



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### 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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- † Main technical discussions and decisions for Rel5
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**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



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## **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**



**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



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## 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



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**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.**



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**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*