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SGSN Secretary: Ms. Jooran Lee, Korean Standards Association (Email: jooran@kisi.or.kr)

**Report of the 3<sup>rd</sup> ISO/IEC JTC 1 SGSN Meeting  
Sydney Australia  
19-23 January 2009**

The 3rd ISO/IEC JTC 1 Study Group on Sensor Networks meeting was held at Standards Australia, Sydney, Australia.

The meeting opened at 09:30 am, Monday 19 January 2009.

**1. Opening Meeting**

The SGSN Convenor opened the meeting and appreciated Standards Australia for their hosting.

**2. Roll call of delegates**

The SGSN Secretary made a roll call, at first National Bodies and then Liaison Organizations. 17 participants from 4 NBs and 3 LOs attended the meeting. The attendants list is in Annex 1 to this report.

**3. Adoption of agenda**

The agenda in SGSN N060 was adopted as presented. A contribution form ISA 100 was submitted on site.

**4. Meeting objectives**

The SGSN Convenor announced that the main objective of the 3rd meeting was to follow up to JTC 1 Nara Resolutions and to update the SGSN Technical Document. And he also mentioned that SGSN ToR and SGSN Workshop would be discussed.

## **5. Report of the 2<sup>nd</sup> SGSN meeting**

The SGSN Convenor reported the 2nd SGSN meeting as described in SGSN N046.

## **6. Report of the JTC 1 Nara plenary meeting**

The SGSN Convenor reported the JTC 1 Nara plenary meeting as described in SGSN N057.

## **7. Follow-up of JTC 1 Nara Resolutions**

It was agreed that the liaison statements should be submitted directly by the SGSN to the JTC 1 SCs and Category A liaisons, AROs and PAS submitters following to the JTC 1 Nara Resolution 45. And it was also suggested that liaison statements to other SDOs who were not mentioned in the JTC 1 Resolution 45 but in the Table 8.3 of the SGSN Technical Document should be made and submitted to them to update the SGSN Technical Document. SGSN liaison statements in SGSN N061, N062 and N066 were produced to be forwarded to the recipients.

As per the JTC 1 Nara Resolution 31, Creating Ubiquitous Services with Sensor Networks in SGSN N059 were reviewed. "Sensor networks issues explored on privacy" in SGSN N067 was produced and forwarded to the related JTC 1 SCs for comment. It was agreed that Middleware issues will be further studied and the output document be produced by mid April.

## **8. Review of contributions**

The ITU-T JCA NID's request in SGSN N052 was accepted to share the email explorers for active discussion on definition of sensor networks. Mr. Sangkeun Yoo was appointed as the main contact person on this coordination. A liaison statement to JCA NID which was a reply to its request was developed in SGSN N063.

The JTC 1/SC 6 liaison statements in SGSN N053 and N054 were reviewed and the replies were produced in SGSN N064 and N065. Mr. Asbjorn Hovsto was appointed as a SGSN liaison

to the specific item of JTC 1/SC 6/WG 7 on sensor networks reference architecture model.

## **9. Drafting of Technical Document**

Section 8 of the SGSN Technical Document was updated with contributions and discussion before and during the 3<sup>rd</sup> SGSN meeting. The output TD of the Sydney meeting which is Version 1.1 will be distributed to the members in mid February when the editor finalized its revision. The Version 2 will be out from the 4<sup>th</sup> SGSN Oslo meeting with contributions.

## **10. SGSN workshop**

It was agreed that the SGSN Workshop will be held from 15 to 17 April 2009 in Seoul, Korea. The draft programme was also made and the session chairs were appointed as follows:

Titles of Workshop Sessions	Session Chairs
Session I : Technology & Applications for Sensor Networks	Howard Choe
Session II : Strategies and Market for Sensor Networks	Kate Grant
Session III : Sensor Networks Standardization in JTC 1	Dae Young KIM
Session IV : Sensor Networks Standardization in Other SDOs, Fora & Consortia	Alexander Pflaum

The final programme for the SGSN Seoul Workshop is determined by the end of February.

## **11. Review of SGSN Terms of Reference**

Under the SGSN ToR, it was freely discussed about the SGSN long term role. The participants expressed their wish for permanent entity of the SGSN and considered a JTC 1 WG, a (leading) SC WG or a SWG as optional solutions. As the decision for the SGSN at the JTC 1 Plenary meeting is made by National Bodies, it was proposed that NBs opinions should be collected to make a SGSN recommendation to JTC 1 for SGSN entity. The SGSN long term role should be fully discussed at the 4<sup>th</sup> SGSN Oslo meeting for a recommendation to 2009 JTC 1 Plenary.

## 12. Proposed work plan

The following work plan for SGSN before the 2009 JTC 1 Plenary meeting was agreed:

Dates	Action	Note
15-17 April 2009	SGSN Workshop (Seoul, Korea)	Hosted by NB of Korea
29 April 2009	Submission of Contribution on TD	By JTC 1 SCs, Category A liaisons, ARO, PAS Submitters and other SDOs.
29 April 2009	Submission of contribution on TD	By SGSN members
29 April 2009	Submission of contribution on SGSN long term role	By SGSN members
26 June 2009	pHealth 2009 Workshop – Session “The Transition from Cards to Portable Devices and Sensor Networks for Wireless Personalized Health Services” (Oslo, Norway)	Jointly organized by EFMI Working Group Personal Portable Devices (PPD) and SGSN
29 June – 3 July 2009	4 <sup>th</sup> SGSN meeting (Oslo, Norway)	Hosted by NB of Norway
11 September 2009	Contribution for the October 2009 JTC 1 Plenary Meeting	Submission of the SGSN report to the JTC 1 Secretariat
18-22 October 2009	JTC 1 Plenary Meeting in Tel Aviv, Israel	SGSN reporting by the Convenor to JTC 1

## 13. Resolutions from Sydney meeting

The following SGSN resolutions were approved:

### JTC 1/SGSN Sydney Resolution 1 - Liaison Contributions

SGSN instructs its Secretary to send the following liaison contributions:

Doc. #	Title	Liaison to	Note
SGSN N061	Liaison Statement from JTC 1 SGSN to JTC 1 SCs	JTC 1 SCs	Regarding JTC 1 Nara Resolution 45
SGSN N062	Liaison Statement from JTC 1 SGSN to Category A liaisons, Approved Referenced Specification Originator Organizations (ARO) and Publicly Available Specifications (PAS) Submitters	Category A liaisons, ARO, PAS Submitters	Regarding JTC 1 Nara Resolution 45
SGSN N063	Liaison Statement from JTC 1 SGSN to ITU-T JCA NID on USN Terms and Definition	ITU-T JCA-NID	Regarding SGSN 052
SGSN N064	Liaison Statement from JTC 1 SGSN to JTC 1/SC 6/WG 7 on USN Security	JTC 1/SC 6	Regarding SGSN N053
SGSN N065	Liaison Statement from JTC 1 SGSN to JTC 1/SC 6/WG 7 on SN Reference Architecture Model	JTC 1/SC 6	Regarding SGSN N054
SGSN N066	Liaison Statement from JTC 1 SGSN to other SDOs, consortia and fora	Other SDOs, consortia and fora	

- Approved

### **JTC 1/SGSN Sydney Resolution 2 – Privacy**

SGSN approves “Sensor networks issues explored on privacy replying to JTC 1 Nara Resolution 31” in SGSN N067. And SGSN instructs its Secretary to forward it to JTC 1/SC6, SC 17, SC24, SC27, SC29, SC36 and SC37 for comments by 29 April 2009 to make an update version of it.

- Approved

### **JTC 1/SGSN Sydney Resolution 3 – SGSN Seoul Workshop**

SGSN approves the JTC 1 SGSN Workshop to be held from 15 to 17 April 2009 in Seoul, Korea. SGSN requests its Convenor to work with the Workshop Session Chairs listed below to draft the workshop programme no later than 14 February 2009 and finalize it no later than 28 February 2009.

Titles of Workshop Sessions	Session Chairs
Session I : Technology & Applications for Sensor Networks	Howard Choe
Session II : Strategies and Market for Sensor Networks	Kate Grant
Session III : Sensor Networks Standardization in JTC 1	Dae Young KIM
Session IV : Sensor Networks Standardization in Other SDOs, Fora & Consortia	Alexander Pflaum

- Approved

### **JTC 1/SGSN Sydney Resolution 4 – Sensor Network Workshop in Oslo, Norway**

SGSN recognizes that pHHealth 2009 Workshop which will be held from 24 to 26 June 2009 in Oslo, Norway has a Session for Sensor Networks jointly organized by EFMI (European Federation Medical Informatics) Working Group Personal Portable Devices (PPD) and JTC 1 SGSN. SGSN also encourages its experts to attend the Workshop in Oslo as it is in conjunction with the 4<sup>th</sup> SGSG meeting, 29 June – 3 July 2009 in Oslo.

- Approved

### **JTC 1/SGSN Sydney Resolution 5 – Request for Contributions on SGSN long term role**

SGSN requests its members to consider the role of the SGSN in the long term as activities related to sensor networks in JTC 1 develop and to submit the contributions to the SGSN Secretary reflecting experts' and NBs' opinions by 29 April 2009 to be discussed at the 4<sup>th</sup> SGSN meeting in Oslo.



- Approved

### **JTC 1/SGSN Sydney Resolution 6 – Action Agenda**

SGSN approves the following action agenda for the SGSN before the JTC 1 2009 Plenary meeting.

<b>Dates</b>	<b>Action</b>	<b>Note</b>
15-17 April 2009	SGSN Workshop (Seoul, Korea)	Hosted by NB of Korea
29 April 2009	Submission of Contribution on TD	By JTC 1 SCs, Category A liaisons, ARO, PAS Submitters and other SDOs.
29 April 2009	Submission of contribution on TD	By SGSN members
29 April 2009	Submission of contribution on SGSN long term role	By SGSN members
26 June 2009	pHealth 2009 Workshop – Session “The Transition from Cards to Portable Devices and Sensor Networks for Wireless Personalized Health Services” (Oslo, Norway)	Jointly organized by EFMI Working Group Personal Portable Devices (PPD) and SGSN
29 June – 3 July 2009	4 <sup>th</sup> SGSN meeting (Oslo, Norway)	Hosted by NB of Norway
11 September 2009	Contribution for the October 2009 JTC 1 Plenary Meeting	Submission of the SGSN report to the JTC 1 Secretariat
18-22 October 2009	JTC 1 Plenary Meeting in Tel Aviv, Israel	SGSN reporting by the Convenor to JTC 1

- Approved

## <Acclamation>

### JTC 1/SGSN Appreciation to the Meeting Hosts

JTC 1 SGSN expresses its gratitude to Standards Australia for their warm hospitality of this 3<sup>rd</sup> JTC 1 SGSN meeting in Sydney.

Michael Langdon	Standards Australia
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And JTC 1 SGSN also expresses its special thanks to Chris Body for his arrangement of the 3<sup>rd</sup> JTC 1 SGSN meeting in Sydney.

- Acclaimed

### 14. Future meetings

The 4<sup>th</sup> SGSN meeting hosted by National Body of Norway will be held from 29 June to 3 July 2009 in Oslo, Norway. UK also expressed its wish to host the 5<sup>th</sup> SGSN meeting at BSI, London in 2009. The 5<sup>th</sup> SGSN meeting is subject to JTC 1 approving the SGSN for another term. The participants appreciated their offer.

### 15. Any other business

It was discussed that the ad hoc groups which were established for the 1<sup>st</sup> SGSN meeting should be reactivated for SGSN activities following the SGSN ToR. Further discussion on reengineering of the ad hoc groups will be continued by email and determined before the 4<sup>th</sup> SGSN meeting in Oslo.

### 16. Close of meeting

The SGSN Convenor closed the meeting and expressed his appreciation to all the participants and the meeting hosts.

The meeting adjourned at 12:00 pm, Friday 23<sup>rd</sup> January 2009.

## ANNEX 1

### Participants List for the 3<sup>rd</sup> JTC 1 SGSN Meeting, 19-23 January 2009, Sydney Australia

	First Name	Last Name	Affiliation	Organization /Country
1	Yongjin	Kim	Modacom Co. Ltd.	JTC 1 SGSN Convenor
2	Jooran	Lee	Korean Standards Association	JTC 1 SGSN Secretary
3	Nan	Guo	CESI	China (HoD)
4	Tao	Xing	SIMIT	China
5	Quan	Wang	Chongqing University of Posts and Telecommunications	China
6	Zhangjing	Cui	SIMIT	China
7	Jie	Shen	SIMIT	China
8	Sangkeun	YOO	ETRI	JTC 1/SC 6
9	Alexander	Pflaum	Fraunhofer Institute	Germany (HoD)
10	Jürgen	Hupp	Fraunhofer Institute	Germany
11	Asbjorn	Hovsto	ITS Norway	Norway (HoD)
12	Howard	Choe	Raytheon	JTC 1/SC36
13	Kate	Grant	Nine Tiles	UK (HoD)
14	Chris	Body	Geoscience Australia	ISO/TC 211
15	Pingping	Xu	Southeast University	China
16	Hao	Liu	Southeast University	China
17	Chen	Fang	Southeast University	China

## ANNEX 2

### Input and Output SGSN N-documents (N047-N070)

SGSN Doc No.	Title	Source
N047	Draft agenda for the 3rd Meeting of ISO/IEC JTC 1 Study Group on Sensor Networks, Sydney, Australia, 19-23 January 2009	SGSN Convenor
N048	Meeting Announcement and Logistical information of the 3 <sup>rd</sup> Meeting of ISO/IEC JTC 1 Study Group on Sensor Networks, Sydney, Australia, 19-23 January 2009	SGSN Secretary
N049	SGSN Technical Document Ver. 1	2 <sup>nd</sup> SGSN meeting in Nuremberg
N050	Document Register, N001-N050	SGSN Secretary
N051	SGSN Report to JTC 1	SGSN Convenor
N052	Liaison Statement on USN Terms and Definitions	ITU-T JCA NID
N053	JTC 1/SC 6 Liaison statement to JTC 1/SC 27, JTC 1/SGSN and ITUT SG 17 for collaboration work on sensor networks security	JTC 1/SC 6
N054	JTC 1/SC 6 Liaison statement JTC 1/SGSN for collaboration work on Sensor Networks	JTC 1/SC 6
N055	Disposition of Comments on ISO/IEC NP 29180 Security framework for sensor networks	JTC 1/SC 6
N056	Disposition of Comments on ISO/IEC NP 29182 Reference architecture model for Sensor network applications and services	JTC 1/SC 6
N057	Report of the 23 <sup>rd</sup> ISO/IEC JTC 1 Plenary meeting, 10-15 November 2009 in Nara, Japan and SGSN Actions to follow up the JTC 1 Nara Resolutions	SGSN Secretary
N058	2 <sup>nd</sup> Revised draft agenda for the 3 <sup>rd</sup> Meeting of ISO/IEC JTC 1 Study Group on Sensor Networks, Sydney, Australia, 19-23 January 2009	SGSN Convenor
N059	Creating Ubiquitous Services with Sensor Networks	JTC 1 Technology Watch Session at the JTC 1 Plenary

		meeting, 11 <sup>th</sup> November 2008, Nara, Japan
N060	3 <sup>rd</sup> Revised draft agenda for the 3 <sup>rd</sup> Meeting of ISO/IEC JTC 1 Study Group on Sensor Networks, Sydney, Australia, 19-23 January 2009	SGSN Convenor
N061	Liaison Statement from JTC 1 SGSN to JTC 1 SCs	SGSN Sydney meeting
N062	Liaison Contribution from JTC 1 SGSN to JTC 1 Category A liaisons, Approved Referenced Specification Originator Organizations (ARO) and Publicly Available Specifications (PAS) Submitters	SGSN Sydney meeting
N063	Liaison Statement from JTC 1 SGSN to ITU-T JCA NID on USN Terms and Definition	SGSN Sydney meeting
N064	Liaison statement from JTC 1 SGSN to JTC 1/SC 6/WG 7 on USN Security	SGSN Sydney meeting
N065	Liaison statement to JTC 1/SC 6/WG 7 from JTC 1/SGSN on SN Reference Architecture Model	SGSN Sydney meeting
N066	Liaison Contribution from JTC 1 SGSN to SDOs, fora and consortia with sensor network standardization activity	SGSN Sydney meeting
N067	Sensor Networks issues explored on privacy replying to JTC 1 Nara Resolution 31	SGSN Sydney meeting
N068	Resolutions of the 3 <sup>rd</sup> ISO/IEC JTC 1 SGSN Meeting in Sydney, Australia, 19-23 January 2009	SGSN Sydney meeting
N069	Report of the 3 <sup>rd</sup> ISO/IEC JTC 1 SGSN Meeting in Sydney, Australia, 19-23 January 2009	SGSN Secretary
N070	SGSN Technical Document Version 1.1	SGSN Sydney meeting