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

Report of the 2nd^t ISO/IEC JTC 1 SGSN Meeting
Nuremberg, Germany
15-19 September 2008

The 2nd ISO/IEC JTC 1 Study Group on Sensor Networks meeting was held at Fraunhofer SII, Nuremberg, Germany,

The meeting opened at 09:30 am, Monday 15th September.

1. Opening Meeting

The SGSN Convenor opened the meeting and appreciated the meeting host for their support.

2. Roll call of delegates

The SGSN Secretary made a roll call, at first National Bodies and then Liaison Organizations. 17 participants from 5 NBs and 2 LOs attended the meeting. The attendants list is in Annex 1 to this report.

3. Adoption of agenda

The agenda in SGSN N044 was adopted as presented.

4. Meeting objectives

The SGSN Convenor announced that the main objective of the 2nd meeting was to produce a Technical Document answering the ToRs of JTC1 SGSN and to make recommendations on Sensor Networks standardization policy to JTC1 plenary.

The objectives of Technical Document are as follows:

- Identify and describe standardization issues for Sensor Networks in connection with

different application areas (based on ToR 1, 2)

- Monitor activities in other SDO, consortia, and fora where specifications related to Sensor Networks are being developed. (based on ToR 3)
- Define JTC 1 SCs' roles for standardization issues for Sensor Networks and recommend how the work on Sensor Networks can be efficiently coordinated in/out of JTC 1

5. Report of the 1st SGSN meeting

The SGSN Convenor reported the 1st SGSN meeting as described in SGSN N031.

6. Review of contributions

The following contributions were discussed and considered at the agenda item 7:

- SGSN N038 National Body of China's contribution to SGSN Technical Document
- SGSN N039 NB of Germany and NB of China's contribution to SGSN Technical Document
- SGSN N040 Regarding Actuator – Sensor – Interface for SGSN Technical Document
- SGSN N041 JTC 1/SC 6 Contribution to SGSN Technical Document
- SGSN N042 Definitions of Sensor and Actuator for SGSN Technical Document
- SGSN N043 OGC contribution to SGSN Technical Document

7. Drafting of Technical Document

Based on the SGSN members' contributions (SGSN N038-N043) and email discussion, the editor submitted the draft Technical Document for consideration at the Nuremberg meeting. From Monday afternoon session to Friday morning, all participants actively joined drafting of Technical Document with heated discussion at the meeting venue and with over-night homework.

The participants agreed to submit the output Technical Document of the Nuremberg meeting as Technical Document, Version 1 to JTC 1. It was told that Technical Document Ver.1 was not enough for perfect coordination of standardization on sensor networks to JTC 1 and that it should be more developed and refined with further study and more contributions from JTC 1 Subcommittees, especially on Chapter 8 “Coordination Proposals to JTC 1.” It was also agreed that Technical Document, Version 2 should be developed at the 3rd SGSN meeting in January with contributions from JTC 1 Subcommittees and SGSN members.

8. Proposed work plan

The following work plan for SGSN before the 2008 JTC 1 Plenary meeting was agreed:

Dates	Action
10 October 2008	SGSN Contribution for the 2008 JTC 1 Plenary Meeting
10-15 November 2008	JTC 1 Plenary Meeting (Nara, Japan)
15 December 2008	Contributions for Technical Document Ver. 2
19-23 January 2009	3 rd SGSN meeting (Sydney, Australia)
29 June – 3 July 2009	4 th SGSN meeting (Oslo, Norway)

9. Recommendations to JTC 1

The following recommendations from SGSN to JTC 1 are approved:

SGSN Recommendation 1 to JTC 1

SGSN recommends that JTC 1 reaffirm SGSN's continued activity up to its Terms of Reference with a report to JTC 1 prior to the 2009 JTC 1 Plenary meeting.

SGSN Recommendation 2 to JTC 1

SGSN recommends that JTC 1 issue, to JTC 1 National Bodies and its Subcommittees, a Call for Contribution to the SGSN Technical Document on their existing and potential area of standardization on sensor networks.

SGSN Recommendation 3 to JTC 1

SGSN recommends that standardization on sensor networks should be initiated in JTC 1 as soon as possible to meet the urgent requirements of industry, such as application profiles, requirements analysis, interfaces, identification, etc.

10. Resolutions from Nuremberg meeting

The following SGSN resolutions are approved:

SGSN Nuremberg Resolution 1

JTC 1 SGSN recognizes the need to refine its Technical Document developed in the last two meetings and so requests JTC1's affirmation to continue its activity until the 2009 JTC1 meeting.

- Approved

SGSN Nuremberg Resolution 2

As JTC 1 SGSN needs more contributions from JTC 1 National Bodies and its Subcommittees for their existing and potential area for standardization on sensor networks, SGSN requests JTC 1 Secretariat to issue a call for contribution to JTC 1 National Bodies and its Subcommittees on SGSN Technical Document.

- Approved

SGSN Nuremberg Resolution 3

JTC 1 SGSN requests its members to submit contribution to the Technical Document to further investigate standardization area of sensor networks for JTC 1 and coordination proposals to JTC 1 no later than 15th December 2008. These contributions should be considered at the 3rd

SGSN meeting in January 2009.

- Approved

SGSN Nuremberg Resolution 4

JTC 1 SGSN approves its future work plan as follows:

Dates	Action	Note
10 October 2008	SGSN Contribution for the 2008 JTC 1 Plenary Meeting	Submission of the SGSN report to the JTC 1 Secretariat
10-15 November 2008	JTC 1 Plenary Meeting (Nara, Japan)	SGSN reporting by the Convenor to JTC 1
15 December 2008	Contributions to TD	By SGSN members
19-23 January 2009	3 rd SGSN meeting (Sydney, Australia)	Hosted by NB of Australia, SA (Standards Australia)
29 June – 3 July 2009	4 th SGSN meeting (Oslo, Norway)	Hosted by NB of Norway

- Approved

<Acclamation>

SGSN Appreciation to the Meeting Hosts

JTC 1 SGSN expresses its gratitude to Fraunhofer for their warm hospitality and the excellent arrangement of this 2nd JTC 1 SGSN meeting in Nuremberg.

Alexander Pflaum	Fraunhofer, Center for Applied Research on Technologies of the Logistics Services Industry (ATL)
Christina Buske	Fraunhofer, Center for Applied Research on Technologies of the Logistics Services Industry (ATL)
Daniela Rembor	Fraunhofer, Center for Applied Research on Technologies

	of the Logistics Services Industry (ATL)
Jürgen Hupp	Fraunhofer, Institute for Integrated Circuits (IIS)

- Acclaimed

11. Future meetings

It was announced that the 3rd SGSN meeting hosted by National Body of Australia will be held from 19 to 23 January 2009 in Sydney, Australia and that the 4th SGSN meeting hosted by National Body of Norway will be held from 29 June to 3 July 2009 in Oslo, Norway. The participants appreciated their offer.

12. Any other business

Yong-woon Kim as an SGSN liaison appointed at the 1st SGSN meeting reported the ITU-T JCA-NID (Joint Coordination Activity on Network aspects of identification systems including RFID/USN) meeting which was held on 10th September in Geneva. ITU-T JCA-NID is a group for coordination of standardization of RFID and USN among ITU-T SGs and with other SDOs (e.g. ISO/IEC JTC 1). ITU-T SG13, SG16, SG17, ISO/IEC JTC 1/SC 6 and JTC 1/SC 31 attended the JCA-NID meeting and agreed to send a liaison statement to SGSN on cooperation for definitions of sensor networks and for integrated email discussion.

It was agreed that SGSN ad hoc groups which worked up to the 1st SGSN meeting in Shanghai should be reactivated for further study.

It was also agreed that discussion on email explorers (sgsn@modacom.co.kr for official SGSN members and sgsn_open@modacom.co.kr for open discussion) will be continued. Cooperation with other SDOs, forum and consortia on sensor networks was regarded as a priority topic on email discussion for further activity of SGSN.

And holding an SGSN Workshop in 2009 will be discussed through email discussion by SGSN members.

13. 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 15:00 pm, Friday 19th September.

ANNEX 1

Participants List for the 2nd JTC 1 SGSN Meeting, Nuremberg, Germany 15-19 September

	First Name	Last Name	Organization/Country
1	Yongjin	Kim	JTC 1/SGSN Convenor
2	Jooran	Lee	JTC 1/SGSN Secretary
3	Yong-Woon	Kim	JTC 1/SC 6
4	Howard	Choe	JTC 1/SC 36
5	Tao	Xing	China
6	Jie	Shen	China
7	Dongya	Wu	China (HoD)
8	Nan	Guo	China
9	Heinz	Walker	Germany
10	Koichi	Emura	Japan (HoD)
11	Sueung Ho	Hong	Korea
12	Hyun-Kook	Kahng	Korea (HoD)
13	Asbjørn	Hovstø	Norway (HoD)
14	Alexander	Pflaum	Germany (HoD)
15	Jurgen	Hupp	Germany
16	Christina	Buske	Germany
17	Daniela	Rembor	Germany

ANNEX 2

Input and Output SGSN N-documents (N036-N047)

SGSN Doc No.	Title	Source
N036	Draft agenda for the 2nd Meeting of ISO/IEC JTC 1 Study Group on Sensor Networks, Nuremberg, Germany, 15-19 September 2008	SGSN Convenor
N037	Logistical information of the 2 nd meeting of ISO/IEC JTC 1 Study Group on Sensor Networks, 15-19 September 2008, in Nuremberg, Germany	Meeting Host
N038	National Body of China's contribution to SGSN Technical Document	National Body of China
N039	NB of Germany and NB of China's contribution to SGSN Technical Document	National Body of Germany and National Body of China
N040	Regarding Actuator – Sensor – Interface for SGSN Technical Document	National Body of Germany
N041	JTC 1/SC 6 Contribution to SGSN Technical Document	JTC 1/SC 6
N042	Definitions of Sensor and Actuator for SGSN Technical Document	IEEE
N043	OGC contribution to SGSN Technical Document	OGC (Open Geospatial Consortium)
N044	Revised Draft agenda for the 2nd Meeting of ISO/IEC JTC 1 Study Group on Sensor Networks, Nuremberg, Germany, 15-19 September 2008	SGSN Covenor
N045	Resolutions of the 2nd ISO/IEC JTC 1 SGSN Meeting in Nuremberg, Germany, 15-19 September 2008	2 nd SGSN meeting in Nuremberg
N046	Report of the 2nd ISO/IEC JTC 1 SGSN Meeting in Nuremberg, Germany, 15-19 September 2008	SGSN Secretary
N047	SGSN Technical Document, Ver.1	<i>To be circulated soon.</i>