

ISO/IEC JTC 1/WG 7
Working Group on Sensor Networks

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Title: Liaison statement to ITU-T SG 16

Source: ISO/IEC JTC 1/WG 7 Meeting (12 March 2010)

Contact: Yong-Jin Kim (Convenor of JTC 1/WG 7)

For: Information

Deadline: N/A

JTC 1/WG 7 thanks ITU-T SG 16 for the liaison statement to JTC 1/WG 7 which includes information on their recent work on sensor networks. ITU-T F.744 and H.snmf give good information on sensor networks middleware and sensor networks management.

The 1st JTC 1/WG 7 London meeting discussed ISO/IEC 29182 (Reference architecture for sensor network applications and services), transferred project from JTC 1/SC 6, and proposed to develop ISO/IEC 29182 as the following multiple parts:

ISO/IEC 29182 Part 1 – General overview and requirements

ISO/IEC 29182 Part 2 – Vocabulary/Terminology

ISO/IEC 29182 Part 3 – Reference architecture views

ISO/IEC 29182 Part 4 – Entity models

ISO/IEC 29182 Part 5 – Interface definitions

ISO/IEC 29182 Part 6 – Application Profiles

ISO/IEC 29182 Part 7 – Interoperability guideline

The request for the subdivision of ISO/IEC 29182 has been submitted to JTC 1.

Also, we would like to inform that JTC 1/WG 7 appointed Mr. Sangkeun YOO (Korea) as a Liaison Representative to ITU-T SG 16 for further collaboration.

JTC 1/WG 7 anticipates working closely with ITU-T SG 16 on sensor networks and would like to be kept informed of related activities in ITU-T SG 16.

JTC 1/WG 7 will meet on 23-27 August 2010 in National Institute of Standards and Technology (NIST), Gaithersburg, MD, USA.

Attachment: Recommendations of JTC 1/WG 7 London meeting.

ISO/IEC JTC 1/WG 7 Recommendations

8 – 12 March 2010, London UK

JTC 1/WG 7 London Recommendation 1 – Project Sub-division of ISO/IEC WD 29182

JTC 1/WG 7 recommends the sub-division of project ISO/IEC WD 29182 *Information technology — Sensor Networks — Reference architecture for sensor network applications and services* to produce a multi part standard as follows:

ISO/IEC 29182 Part 1 – General overview and requirements

ISO/IEC 29182 Part 2 – Vocabulary/Terminology

ISO/IEC 29182 Part 3 – Reference architecture views

ISO/IEC 29182 Part 4 – Entity models

ISO/IEC 29182 Part 5 – Interface definitions

ISO/IEC 29182 Part 6 – Application Profiles

ISO/IEC 29182 Part 7 – Interoperability guidelines

JTC 1/WG 7 also recommends the change of its title and scope as described in WGSN-N023.

JTC 1/WG 7 requests JTC 1 to issue a letter ballot for sub-division and change of title and scope of project ISO/IEC WD 29182 as above.

JTC 1/WG 7 London Recommendation 2 – Liaison with OGC

JTC 1/WG 7 notes that OGC (Open Geospatial Consortium) submitted its request to establish a Category C liaison with JTC 1/WG 7 to the JTC 1 Secretariat. Recognizing that OGC is an international industry consortium that has developed a framework of open web service standards for access to sensors and sensor information, JTC 1/WG 7 supports the request from OGC to establish a Category C liaison with JTC 1/WG 7.

JTC 1/WG 7 London Recommendation 3 – Appointment of Liaison Representatives

JTC 1/WG 7 appoints the following individuals as Liaison Representatives to the groups listed below until the next meeting of JTC 1/WG 7:

Name	Representative to
Sangkeun Yoo	JTC 1/SC 6
Sangkeun Yoo	ITU-T SG 16

JTC 1/WG 7 London Recommendation 4 – Ad hoc group on Terminology of Sensor Networks

JTC 1/WG 7 establishes an ad hoc group on Terminology of Sensor Networks with the following terms of reference as described in WGSN-N010

- To research terminology related to Sensor Networks
- To provide an overview of definitions of terms related to Sensor Networks used in other standards on the agreed template (The initial list of terms to be defined is given in WGSN-N021)

This ad hoc is led by Nan Guo.

JTC 1/WG 7 London Recommendation 5 – Ad hoc group on liaison response to IEC TC 65

JTC 1/WG 7 establishes an ad hoc group to prepare a liaison response to IEC TC 65 with the following terms of reference:

- To respond to the three requests from IEC TC 65 in WGSN-N022

This ad hoc group is led by Nigel Rix.