

MEETING REPORT

SC 5 PLENARY MEETING  
2012-05-09/10

Technion – Israel Institute of Technology, Haifa, Israel

***NOTE: Ideally, this meeting report should be read in conjunction with SC 5 N 1184, the resolutions of the 2012-05-09/10 plenary meeting.***

1. Opening of meeting

Em delaHostria, SC 5 Chairman, opened the 30<sup>th</sup> SC5 meeting at 09.10 on 2012-05-09 and welcomed the attendees shown in Annex A. The Chairman's opening remarks featured the theme of more coordination, more cooperation and more collaboration. The host delegation (Israel) also welcomed the attendees.

2. Roll call of delegates

The following delegations were in attendance: France, China, Germany, Italy, Israel, Japan, Sweden and USA.

3. Adoption of agenda

The agenda, N 1174 rev 3, was adopted with a reordering of agenda items and the deletion of the liaison reports where no report was received. The structure of this report represents the agenda items covered.

4. Report of the secretariat

SC5 accepted the secretary's written (N 1173 rev 1) and verbal report that covered the following (see Resolution 667):

- Status of SC 5 2011 resolutions
- SC 5 Balloting
- SC5 and SC5/WG Document Access
- Administrative Issues

In the review of SC5/WG document access, it was noted that a few Working Groups did not have all their members on the ISO GD. Some of the experts did not formally register their participation with the administering organization of their respective national committees.

In the review of the SC5 balloting for the year 2011-2012, it was noted that a few P-members have not cast their votes or missed casting their votes on certain ballots. One of the possible reasons for this was that a member could probably be missing on the national body's mailing list. A possible solution recommended by the SC5 members was for the Secretariat to contact the national body to confirm that individuals are added to the list.

5. Status of SC5 membership, structure and collaboration efforts

The current P-members and O-members are enumerated in the Secretariat's report. The organizations that currently have a liaison arrangement with SC5 are also noted in the Secretariat's report.

The SC5 chairman raised the topic of potentially creating the role of a vice-chairperson to assist both the chairman and the secretary in performing their tasks during and in-between plenary sessions. Comments on the topic are welcomed and submitted to both the secretary and the chairman for consideration at the next plenary meeting.

6. WG 1 Issues

Richard Martin, WG 1 Convenor provided a verbal update to the written convenor's report, N 1163, which was accepted by the plenary (see Resolution 668).

Richard Martin, Dov Dori and Alex Blekhman gave a presentation on the progress of their OPM work, they also gave a demonstration of the tool used for object process modeling and stated that this methodology could be used for developing standards. SC5 asked WG1 to submit the committee draft for a NP+CD ballot by end of May 2012 (see Resolution 669).

Richard Martin gave an introduction to FEAPO and stated that FEAPO's was working in the same lines as SC 5 and that he would like SC5 to establish a liaison with FEAPO, where he would act as the FEAPO liaison. SC5 asked Richard to obtain a letter indicating FEAPO's interest in being a liaison and requested the secretariat to process this application when it becomes available (see Resolution 670).

7. WG 4 Issues

Michiko Matsuda, WG 4 Convenor, provided a verbal update to her written report, N 1167, which was accepted by the plenary (see Resolution 671). Michiko Matsuda stated that they were currently working on the ISO 16300 series and also working with WG 7 on the TR 18161. The TR 18161 will probably be available for ballot by November 2012.

8. WG 7 Issues

Dan Carnahan, WG 7 Convenor, provided a verbal update to his written report, N 1166, which was accepted by the plenary (see Resolution 672).

Dan Carnahan stated that the 18435-2 is currently being prepared for FDIS ballot and that WG7 was currently working on 18435-3 and jointly working with WG4 on TR 18161. WG 7 requested the SC 5 P-members to support their current NP ballot on 18435-3. Dan also explained the current WG 7 approach on what the preconditions should be for interoperability and stated that WG 7 would be using the ISO 22745 and ISO 29002; and the eOTD as the dictionary for identifying and organizing the concepts, terms and definitions in the application of 18435-3.

9. WG 6 Issues

Robert Patzke, WG 6 Convenor, provided a verbal update to his written presentation, N 1177, which was accepted by the plenary (see Resolution 673).

Robert Patzke stated that ISO 20242-3 and ISO 20242-4 have been published in the last year. No WG 6 meetings were held since the last SC5 plenary, one meeting is being planned for the 2012 where Part 5 of the standard will be discussed.

#### 10. WG 9 Issues

Robert Patzke, WG 9 Co-Convenor, provided a verbal update to the written presentation, N 1178, which was accepted by the plenary (see Resolution 674).

Robert Patzke stated that the DIS ballot for 22400-2 has been completed with a large number of comments from the US and WG9 is currently resolving these comments. The MESA Liaison report which included comments on the standard was also discussed. Due to the large number of comments, it has been decided to conduct another DIS ballot in September-2012. WG9 has planned tentatively to meet with JWG5 in Oslo in July 2012 and US experts in the U.S. in August 2012.

#### 11. WG 10 Issues

Fumihiko Kimura, WG 10 convenor, provided a verbal update to his written report, N 1172, which was accepted by the plenary (see Resolution 675).

Fumihiko Kimura stated that WG10 is currently resolving the comments from the CD ballot of ISO 20140-1.

#### 12. JWG 14 Liaison Report

Fumihiko Kimura, JWG 14 liaison, provided a verbal update to the report provided by Günter Hörcher, N1182, which was accepted by the plenary (see Resolution 676).

Fumihiko Kimura stated that JWG 14 in conjunction with other committees are currently developing a TR to establish guidelines for purposes of development of standards for energy efficient systems in the field of industrial automation and industrial process control. This report is in the final preparation for DTR. JWG 14, WG10 and WG9 have had joint meetings before the plenary to identify potential areas of harmonization in their standards. Through the meetings it has been recommended that Part 5 of the 20140 series will be developed by Günter Hörcher as an ISO standard with support from experts on both ISO and IEC committees; and the resulting document will be provided to the SC 5 Secretariat for balloting within ISO (see Resolution 677).

SC5 directed its secretariat to confirm with IEC TC 65 secretariat to setup a liaison mode 3 (Clause B 4.2.2) between ISO TC 184/SC5 and IEC TC 65 regarding JWG14 effort to develop ISO 20140-5 (see resolution 678).

#### 13. JWG 5 Issues

In lieu of a verbal presentation from the JWG 5 convenor, the SC5 secretariat briefly presented the written report, N 1175, which was accepted by the plenary. SC5 also encouraged JWG 5 to join future SC5 meetings (see Resolution 679).

#### 14. JWG 8 Issues

In lieu of a verbal presentation from the JWG 8 convenor, the SC5 secretariat briefly presented the written report, N 1170, which was accepted by the plenary. SC5 also encouraged JWG 8 to join future SC5 meetings and asked the WG9 convenor and JWG 8 convenor to identify potential collaboration in the use of manufacturing data in KPIs (see Resolution 680).

#### 15. APC/O SG Issues

Hongye Su, APC/O SG convenor, provided a verbal update to his written report (N 1179), and the study group report (N 1180), which was accepted by the plenary (see Resolution 681). Hongye Su also made a presentation of the NWIP for 15746-1. SC 5 encouraged SAC (China) to submit this NWIP to the SC 5 Secretariat (see Resolution 682) for processing. If this NWIP ballot is approved, SC5 secretariat has been directed to initiate a letter ballot for reactivation of WG 5 with new terms of reference and the group has been recommended to also seek participation of experts from WG 4 (see Resolution 683).

#### 16. ISO Concept Database and SC 5 Glossary

The SC 5 members were introduced to the ISO Concept Database interface (<http://cdb.iso.org>) and saw advantages in using it as a reference with development of standards for terminology and its definitions.

The SC 5 Secretariat presented the SC 5 glossary with eOTD identifiers issues by the eOTD Dictionary Administrator. After discussions on the latter, SC 5 asked Richard Martin and Dan Carnahan to form a team with the assistance of the SC 5 Secretariat to assess the use of 22745 to determine its utility in the development and use of SC 5 standards (see Resolution 684).

#### 17. TC 184 Issues

##### 17.1 TC 184 Resolutions of Interest to SC 5

Items in 17.2 to 17.5 deal with these resolutions.

##### 17.2 "Big Picture" Analysis

Em delaHostria gave an introduction to the "Big Picture" activities going on in TC 184. He also presented the SC5 stand on the "Big Picture" which was presented at the TC 184 Advisory Group meeting and reiterated at the last TC 184 plenary. As a response to the TC 184 resolution 528, the following was decided

- a) The SC 5 secretariat was asked to forward ISO TC 184 N 1565 to all the SC 5 members.

- b) The members were requested to review Annex B of this document and provide suggested changes or additions to the secretariat by 15<sup>th</sup> June 2012 (See Resolution 685).

17.3 SC 5 representation on potential new TC 184 WG for oil and gas asset management integration

Dan Carnahan gave a brief summary on this project and reminded the members on the need to feedback their interest to participate in the project.

17.4 Mechatronics Ad Hoc Group in ISO TC 184

Philippe Juhel provided an update on the current TC 184 ballots on the new work item for Mechatronics and the setup on a new working group within TC 184.

18. 2013 SC 5 Plenary Meeting

The offer from VDMA/DIN (Germany) to the SC 5 Secretariat for the hosting of the 2013 SC 5 Plenary was reviewed and it was decided to take up the offer. The SC 5 Secretariat was directed to send an email to VDMA/DIN accepting the offer. The 2013 SC 5 plenary meeting will be held on 2013-05-16/17 and the working group meetings will be held between 2013-05-13/14/15 (see Resolution 686).

19. Reports of Liaisons to SC 5

19.1 Liaison Report on IEC TC65, SC 65A, 65C, 65E (Industrial Process Measurement,Control and Automation)

Dan Carnahan provided a verbal update on the Digital Factory presentation (N1183). Germany indicated interest in this area of work and requested to be kept updated. (see Resolution 687).

Em delaHostria gave an introduction to IEC TC 65, SC 65A, 65C and 65 E work and reminded members of the need for a new physical liaison as Iain Lindsay will not continue to be available to serve in this position.

19.2 Liaison Report on INCOSE

Richard Martin provided a verbal update on the presentation (N 1165) by Mark Walker (see Resolution 688).

19.3 Liaison Report on ISO TC 176/SC 1

Richard Martin provided a verbal update on the written presentation (N 1168) by Dori Nissan. Seeing the interest expressed by ISO TC 176/SC 1 in vocabulary harmonization, SC5 requested TC 176/SC 1 to participate in the effort stated in resolution 684 (see Resolution 689).

20. Adjournment

With no further business to discuss, SC5 thanked Prof. Dov Dori and the Technion – Israel Institute of Technology for their excellent hosting of the plenary and the working groups (see Resolution 690) and the meeting was adjourned at noon on 2012-05-10.

REPORTED BY:      Sheron Koshy  
                            SC 5 Secretary

ATTACHMENTS:    Annex A – List of meeting attendees  
                            Annex B – Open Items  
                            Annex C – Action Items

## ANNEX A: ATTENDANCE LIST

<u>NAME</u>	<u>ORGANIZATION</u>	<u>COUNTRY</u>	<u>05-09</u>	<u>05-10</u>
Em delaHostria	Rockwell Automation	SC5 Chairman	X	X
Sheron Koshy	ECCMA	SC5 Secretariat	X	X
Dan Carnahan	Rockwell Automation	USA / Head of Delegation/WG 7 Convenor	X	X
Richard Martin	Tinwisle Corporation	USA/WG 1 Convenor	X	X
HongYe Su	Zhejiang University	China/ APC-O SG Convenor	X	X
Qinghong Shen	Zhejiang University	China	X	X
Li Zhu	Zhejiang University	China	X	X
Lei Xei	Zhejiang University	China	X	X
Shan Lu	Zhejiang University	China	X	X
Yanhui Zhang	Zhejiang University	China	X	X
Qing Li	CAS	China	X	
Philippe Juhel	Schneider Electric	France/ Head of Delegation	X	X
Joseph Briant	Schneider Electric	France	X	X
Robert Patzke	MFP	Germany / Head of Delegation / WG 6 Convenor / WG9 Co-convenor	X	X
Volker Schnittler	VDMA	Germany	X	X
James Brucato	Palermo Euro Terminal srl	Italy/Head of Delegation	X	X
Dov Dori	Technion University/ MIT	Israel/Head of Delegation	X	X
Michiko Matsuda	Kanagawa Institute of Technology	Japan/ WG 4 Convenor	X	X
Eiji Arai	OSAKA University	Japan/Head of Delegation	X	X
Fumihiko Kimura	Hosei University	Japan/ WG 10 Convenor	X	X
Michael Lieder	KTH Royal Institute of Technology	Sweden/Head of Delegation	X	

X: On-site attendance

P: Remote attendance by telephone and web

## ANNEX B: OPEN ITEMS

The following items were not discussed during the plenary and have been noted with comments below, where information is available:

#	Item	Comments
1	IEC TC 57 Liaison Report	The SC 5 Secretary was informed that IEC TC 57 is interested in knowing if there are any updates planned for ISO 9506. IEC TC 57 has published and is further developing the standard families IEC 61850 and IEC 60870-6 which uses ISO 9506 as a fundamental communication standard.
2	JTC 1/SC 7 Liaison Report	
3	ISO TC 108/ SC 5	
4	ISO TC 184/SC 1	Liaison not available
5	ISO TC 184/SC 2	Liaison not available
6	ISO TC 184/ SC 4	Liaison not available
7	Object Management Group	
8	Biomimetics	Refer TC 184 N 1536. There could be some relationship to energy efficiency in WG 10. If there is interest, please liaise with ISO/TS/P 222



## ANNEX C: ACTION ITEMS

#	Item
1	SC5 asked WG1 to submit the committee draft for a NP+CD ballot by end of May 2012 (see Resolution 669).
2	The SC 5 secretariat was asked to forward ISO TC 184 N 1565 to all the SC 5 members. (See Resolution 685).
3	The members were requested to review Annex B of N1565 and provide suggested changes or additions to the secretariat by 15 <sup>th</sup> June 2012 (See Resolution 685).
4	SC5 directed its secretariat to confirm with IEC TC 65 secretariat to setup a liaison mode 3 (Clause B 4.2.2) between ISO TC 184/SC5 and IEC TC 65 regarding JWG14 effort to develop ISO 20140-5 (see resolution 678).
5	SC 5 asks its secretariat to assist the team of Richard Martin and Dan Carnahan to assess the use of ISO 22745 standard in rendering the SC 5 glossary for the purposes of determining its utility in development and use in SC5 standards. The results of this assessment is to be presented on or before the next plenary.