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number of pages: 2

Subject:                      ISO TC184/SC5/WG1 meeting in Funchal, 2007-03-26/28

Dear Colleagues,

the following is a short report on the above meeting.

Regards,

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### **Meeting Report**

#### **Objectives:**

- Review terminology taxonomy proposal from study group
- Continue review and discussion for possible revision of ISO 15704 resulting from systematic review
- Review progress on NP ISO 27387 System integration - Reference for process modeling methods: Part 1 Characterizing process modeling common concepts, and timeline for CD and DIS
- Review and discuss NWIP - Requirements for establishing enterprise interoperability in manufacturing-enterprise processes and their models

**Participants:** The meeting was attended by 11 people representing 7 countries: China (1 partly), France (2 partly), Germany (1+1 partly), Japan (2 partly), Sweden (1 partly), UK (1), USA (2).

**Inputs:** (available [http://forums.nema.org/~iso\\_tc184\\_sc5\\_wg1](http://forums.nema.org/~iso_tc184_sc5_wg1))

WG1 Overview and Work Plan

#### **Reports by members:**

R. Martin on promotion activities with OMG (ManTIS) and INCOSE (Intern. Council on System Engineering) were he presented our work to special working groups. The following discussion lead to the proposal for a user oriented publication presenting the content of WG1 standard in a concise but user oriented form. A brochure similar to the one published by the German DKE on ISO 62264 is foreseen. K. Kosanke on EU Initiatives ATHENA and INTEROP. Both projects are in their final phase with the contracts ending end of April. The I-ESA conference held partly in parallel to our meeting was presenting many of the results of the two projects and the proceedings and the public deliverables will be a source for the work on the new work item on interoperability proposed jointly by the CEN and ISO working groups on architectures.

J.J. Michel on JWG 15 and WG 8 reported on the status of both working groups.

#### **Discussions and Conclusions:**

**Liaison with JTC1 SC7/WG42 on Architecture:** the convenor of the working group J. Bendz, Sweden participated in the meeting and presented the status of the working group work. Especially the discussions on the revision of ISO 15704 highlighted the need for the close cooperation between the two groups. Continuous participation in each other meetings is foreseen with a joined meeting planned for the SC7 meeting in Berlin, May 2008.

**SC5 Vocabulary:** first feedback from the SC5 workgroup editors has been received and a part of the glossary will be prepared by K. Kosanke for demonstration at the upcoming SC5 meeting in Los Angeles in May. S. Chatterjee will implement this demo version in the Protégé tool to be shown at the SC5

meeting by R. Martin. The feedback received so far indicated needs for clarification about future role of the SC5 glossary/taxonomy and the impact on its contents.

**Discussion on ISO 15704 systematic review:** main topics where the harmonisation with ISO 14258, which is to be merged into the revision (will be discontinued thereafter) and the impact of the JTC1 SC7/WG42 standardisation. Additional points discussed: need for elaboration on view mechanism, inclusion of life history, evaluation of relations to other architectures like Zachman, TOGAF, DODAF, SOA, others. M. Gröpper from DIN presented the DIN CSC\_PLM model, which will be analysed for its relation to ISO 15704 as well.

**ISO 27387 on system integration using process modeling methods System:** briefly discussed due to the unavailability of the project leader.

**NWIP Requirements for establishing enterprise interoperability in manufacturing-enterprise processes and their models:** both ISO and CEN ballot failed due to problems with the new ISO ballot procedure and the missing link between the INTEROP and ATHENA partners and their national standardisation bodies. Measures have been taken to ensure a more successful re-balloting in both ISO and CEN.

The next WG1 meeting will be held at BSI, in London, UK, 2007-10-1/3