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INTERNATIONAL ELECTROTECHNICAL COMMISSION

Technical Committee No. 3 Information structures, documentation and graphical symbols

Unconfirmed minutes from the meeting of TC 3 held in Helsinki 2011-10-06

Chairman: Mr. Hans Brückner (Germany)

Secretary: Mr. Sven-Anders Lejdeby (Sweden)

IEC/CO: Mr. Matei Cocimarov (not participating)

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Ms.	Yongmei	Gao	China
Mr.	Hankui	Ke	China
Mr.	Xiao	Chengxiang	China
Mr.	Wu	Qing	China
Mr.	Josef	Rymus	Czech Republic
Mr.	Arto	Sirviö	Finland (Chairman SC 3C)
Mr.	Timo	Viljanen	Finland
Mr.	Hans	Brückner	Germany (Chairman TC 3)
Mr.	Reinhard	Nerke	Germany (Secretary SC 3D)
Mrs.	Gabriela	Fleischer	Germany
Mr.	Fritz	Reuter	Germany
Mr.	Hiroshi	Murayama	Japan (Chairman SC 3D)
Prof.	Hiroaki	Ikeda	Japan (Assistant Secretary SC 3C)
Mr.	Yoshikazu	Seki	Japan (Secretary SC 3C)
Mr.	Akira	Hosokawa	Japan
Mr.	Noboru	Takao	Japan
Mr.	Sumio	Araki	Japan
Mr.	Katsuyuki	Fukutake	Japan
Mr.	John	Mackin	Japan
Mr.	Motoya	Mohri	Japan
Mr.	Eirik	Selvik	Norway
Mr.	Sven-Anders	Lejdeby	Sweden (Secretary TC 3)
Mr.	Per-Åke	Svensson	Sweden
Mr.	John	Perry	United Kingdom

Number of participants: 24, representing 8 National committees

Table of Contents

1. Opening of meeting.....	5
2. Approval of the agenda, document 3/1010A/DA	5
3. Note the approval of the minutes from the previous meeting of TC 3 in Seattle 2010-10-16, document 3/1031/RM.....	5
4. Information from the IEC Central Office.....	5
5. Report from the Chairman of TC 3.....	5
6. Report from the co-ordination meetings with TC 3 Officers in Geneva 2011-04-27--28, 3(Geneva/Secretariat)10	5
7. Report from the Secretary of TC 3, including actions taken as a result of the minutes from the meeting in Seattle and the later co-ordination meeting, document 3/1057/INF	5
8. IEC 60617 Graphical symbols for diagrams	6
8.1. Report on the status of the IEC 60617 data base and on the implementation of the procedures, document 3/1054/INF	6
8.2. Report from the Validation Team for IEC 60617 on validated graphical symbols in the IEC 60617 data base, document 3/1055/INF	6
8.3. Report from the Maintenance Team for IEC 60617, document 3/1062/INF	6
8.4. Report from PT 30 Alarm and signalling symbols.....	6
8.5. PT 38 Rules for the construction of graphical symbols for diagrams Note: The work of the PT is put on hold.....	6
8.6. Report from PT 42 Development of mnemonics and designations of symbols for measuring relays instruments and related devices (stage 0), document 3/1069/INF	6
8.7. Withdrawal of IEC/TR 62154 Ed.1: Terminology in the area of information structures, documentation and graphical symbols, document 3/1028/RR.....	7
8.8. Report from New work item proposal for Dynamic graphical symbols, Document 3/1066/INF	7
9. IEC 60848 GRAFCET specification language for sequential function charts.....	7
9.1. To take decision on new Convener of MT 33, document 3(Helsinki/MT33)04	7
10. IEC 61082 Preparation of documents used in electrotechnology	7
10.1. Report from the Convener of MT 16	7
11. IEC 61175 Designation of signals.....	7
11.1. Report from MT 17, document 3/1068/INF.....	7
11.2. Discussion about the scope of scope of edition 3 of IEC 61175 and participation in MT 17.....	8
12. IEC 81346 Ed. 2 - Structuring principles and reference designations and IEC 61666 Ed. 2 - Identification of terminals within a system.....	8
12.1. Report from the Convener of MT 18.....	8
12.2. Status of work in ISO TC 10/SC 10 regarding ISO/TS 81346-3, Document 3/1065/INF	8
12.3. To consider the proposal from TC 57 to include the so called ANSI designations in IEC standard.....	8
13. IEC 61355 Ed. 2 Classification and designation of documents for plants, systems and equipment.....	8
13.1. Report from the Convener of MT 19	8
13.2. To discuss the handling of document kind names without description in IEC 61355DB.....	9
14. IEC/PAS 61906 Procedure for the declaration of materials in products of the electrotechnical and electronic industry.....	9
14.1. Consideration of the information about withdrawal of IEC/PAS 61906.....	9
15. IEC 62023 Structuring of technical information and documentation and IEC 62027 Preparation of parts lists	9

15.1. Consideration of the report from the Convener of MT 20, document 3/1058/INF.....	9
16. IEC 82079 Preparation of instructions for use - Structuring, content and presentation....	10
16.1. Consideration of the report from the Convenors of MT 21, Document 3(Helsinki/MT21)05	10
17. IEC/PAS 62515: Requirements concerning the interoperability between electromechanical and electrical applications in CAX- systems	10
17.1. Consideration of the report from PT 40, Document 3/1061/INF.....	10
18. IEC-ISO 81714 Design of graphical symbols for use in the technical documentation of products	10
18.1. Consideration of the report from the Convener of MT 22, Document 3/1063/INF ...	10
19. IEC-ISO 82045 Document management.....	10
19.1. Consideration of the report from the Convener of MT 23 IEC ISO 82045-series	10
20. IEC 62491 Ed. 1 Labelling of cables and cores	10
20.1. To consider the report from MT 44 <i>Marking of conductors and cables</i>	10
21. IEC 62507 Ed. 1 Rules for identification systems	10
21.1. Consideration of the report from PT 39 Basic rules for identification systems, document 3/1059/INF	10
22. IEC/PAS 62569 Ed. 1 Generic Specification of Information on Products (GSIP), Part 1: Principles and methods, and Part 2: Structure of specification	11
22.1. Consideration of the report from PT 41, Document 3/1064/INF.....	11
23. IEC/TS 62666 Ed. 1 <i>Guidelines for the inclusion of documentation aspects in product standards</i>	11
23.1. To consider the report from PT 43, Document 3/1060/INF	11
24. Report from the Chairman of SC 3C - Graphical symbols for use on equipment - and relevant decisions, Document 3(Helsinki/SC3C)07	11
25. Report from the Chairman of SC 3D - Data sets for libraries - and relevant decisions, Document: 3(Helsinki/SC3D)09.....	11
26. Consideration of common data base issues related to CDD.....	12
26.1. Consideration of the Report from the Ad Hoc Working Group for the preparation of source definitions of Data Element Types in standards, Document: 3/1067/INF	12
27. Report on activities related to the Memorandum of Understanding (MoU) between IEC, ISO, UN/ECE, etc, concerning standardization in the field of electronic business. ...	12
28. Discussion of future work in the area of documentation	12
28.1. PWI 3-701 ISO 82045-4: Document management - Part 5: Archiving	12
29. Review of the P- and O- membership of the committee, document 3/1056/INF	12
30. Review of liaisons with other bodies (on subjects not already covered), and to specifically consider related decisions in the SCs:.....	13
30.1. Consideration of report from Chairman and Secretary regarding proposal of cancelling liaisons.	13
30.2. IEC TC 16 Basic and safety principles for man-machine interface, marking and identification.....	13
30.3. IEC TC 44 Safety of machinery - Electrotechnical aspects.....	13
30.4. IEC TC 65 Industrial-process measurement and control, Document 3(Helsinki/TC65)12.....	13
30.5. IEC TC 111 Environmental standardization for electrical and electronic products and systems.....	13
30.6. ISO TC 10 Technical product documentation.....	13
30.7. ISO TC 184/SC 4 Industrial automation systems: External representation of product definition data	13
30.8. Other liaisons to be reviewed: Internal IEC Liaison: TC 8, TC 91, TC 93, ISO/IEC JTC 1, Liaison ISO: TC 131, TC 145, Liaison A: CIRM, ETSI, IFAC, ITU-T, ITU-R, URC	13

31. Update of the work program of TC 3, Document 3/1053/PW	13
32. Notes and considerations of marketing efforts	13
32.1. Reports from the National Committees	13
33. Date and place of next meetings	14
33.1. Plenary meeting 2012.....	14
33.2. Plenary meeting 2013.....	14
34. Other business	14
35. Close of the meeting	14
Annex A Report from the Chairman of SC 3C	15
A.1 Participants at SC 3C meeting in Helsinki	15
A.2 SC 3C organization	15
A.3 Activity of graphical symbols for use on equipment by Validation Team 60417.....	15
A.4 Activity on change requests.....	15
A.5 Membership in Validation Team 60417	15
A.6 MT/PT reports, liaison and SC 3C decisions	15
35.1. 3C/1752/INF	17
Annex B Report from the Chairman of SC 3D	19
B.1 Chairman's report of the IEC SC 3D Plenary meeting (from draft for UNCONFIRMED MINUTES OF THE MEETING OF IEC/SC 3D).....	19
Annex C Workshop program and report	23
C.1 Program	23
C.2 Meeting documents	23
C.3 Notes from the Workshop.....	23
Annex D List of meeting documents for the TC3 meeting	26
Annex E List of Decisions.....	27

1. Opening of meeting

The Chairman of TC 3 Hans Brückner opened the meeting

2. Approval of the agenda, document 3/1010A/DA

The draft agenda for the plenary meeting was approved, however, it was noted that the B-version of the agenda, including links to reference documents, was not circulated four weeks in advance to the meeting as required.

Prof Ikeda called attention to two corrections to be made to the agenda.

- the date of the revised agenda shall be the date when the revised agenda is circulated
- item 16 shall refer to IEC 82079-1, not IEC 62079

3. Note the approval of the minutes from the previous meeting of TC 3 in Seattle 2010-10-16, document 3/1031/RM

The minutes were noted and automatically approved without comments.

4. Information from the IEC Central Office

No representative of IEC Central office was presented at the meeting. In a mail from the TC 3 Technical Officer Mr. Matei Cocimarov, he excused himself that he was not able to participate in the meetings due to overlap of dates.

5. Report from the Chairman of TC 3

The Chairman Mr. Hans Brückner informed that he has accepted a new period of three years as Chairman of TC 3.

The Chairman also said a welcome to the new Secretary of SC 3C, Mr. Yoshikazu Seki and to Mr. Hiroaki Ikeda in the role as Assistant Secretary of SC 3C.

The Chairman congratulated Mr. Akira Hosokawa and Mr. Josef Rymus to the 1906 award for 2011.

A lot of work in IEC the last year has been focused on Smart Grid. Mr. Brückner has participated in an IEC SG 3 meeting in Germany and he gave a report from the meeting in the TC 3 workshop.

6. Report from the co-ordination meetings with TC 3 Officers in Geneva 2011-04-27--28, 3(Geneva/Secretariat)10

There were no comments to report.

7. Report from the Secretary of TC 3, including actions taken as a result of the minutes from the meeting in Seattle and the later co-ordination meeting, document 3/1057/INF

The Secretary presented, as a part of the report, the list of decisions from the plenary meeting in Seattle and notified the actions taken. The report was accepted as written.

With regards to Decision 10 Mr. Fritz Reuter mentioned that an agreement with TC 111 regarding DETs related to IEC 61906 is required for the implementation in CDD. Decision 10 was further discussed and reported in item 14.1.

Decision11 regarding the action to propose some TC 3, SC 3C and SC 3D standards to be designed horizontal standards was discussed. The Secretary reported that all standards proposed by TC 3 and subcommittees have been accepted by SMB as horizontal standards.

The TC 3 proposal of ten standards to be designed horizontal was commented by the French NC regarding overlapping with other standards. Standards from TC 65 were specifically mentioned. The French NC needs to be asked to indicate more precisely which items are overlapping. It should be stated that technical documentation is in the scope of TC 3 and also TC 65 is requested to follow rules that are of horizontal character.

Decision 1 : TC 3 decided at its meeting in Helsinki that the Secretary shall ask the French NC to describe the overlapping with TC 3 standards that have been recognized.

8. IEC 60617 Graphical symbols for diagrams

8.1. Report on the status of the IEC 60617 data base and on the implementation of the procedures, document 3/1054/INF

The report was accepted as written.

8.2. Report from the Validation Team for IEC 60617 on validated graphical symbols in the IEC 60617 data base, document 3/1055/INF

The report was accepted as written.

8.3. Report from the Maintenance Team for IEC 60617, document 3/1062/INF

The Convenor, Mr. Arto Sirviö, reported from MT 60617.

The role of the maintenance team in relationship to the validation team was discussed. It was noted that the main task of the maintenance team is to support the Secretary in the handling of the change requests. This task has not been clearly defined in the work description at the IEC web page. The description should include a clarification that the team shall assist the Secretary. The second bullet point in the description shall be written "Establish recommendation whether the extended database procedure be applied or not".

Decision 2 : TC 3 decided at its meeting in Helsinki to ask the Secretary to update the task description of PT 60617 in the IEC web page

8.4. Report from PT 30 Alarm and signalling symbols

It has been noted in the Secretaries report, and confirmed by the report from MT 60617, that the tasks of PT 30 have been fulfilled or moved to MT 60617. Accordingly PT 30 can be disbanded.

Decision 3 : TC 3 decided at its meeting in Helsinki that PT 30 will be disbanded. The Secretary shall arrange the disbanding.

8.5. PT 38 Rules for the construction of graphical symbols for diagrams Note: The work of the PT is put on hold

The Secretary shortly presented a report from the Convener of PT 38, Mr. Sumio Araki. As PT 38 has been put on hold Mr. Araki participates in MT 60617. It was therefore proposed that the report should be handled by MT 60617. The report includes some proposals that require a new form of presentation of the symbols in 60617DB, e.g. CAD format of the symbols.

MT 60617 should consider the report in the future work and take actions to proposals related to general principles. Some of the proposals may require new work item proposals from MT 60617.

Decision 4 : TC 3 decided at its meeting in Helsinki that the proposals from Mr. Araki shall be treated by MT 60617.

Decision 5 : TC 3 decided at its meeting in Helsinki that PT 38 shall continue to be put on hold.

8.6. Report from PT 42 Development of mnemonics and designations of symbols for measuring relays instruments and related devices (stage 0), document 3/1069/INF

The Secretary presented the report from the Convener of PT 42. It was reported that the technical report, IEC/TR 62711, has been prepared and approved. The technical report will be finally prepared a published by IEC central office.

By this the task of PT 42 has been fulfilled. The plenary meeting decided to gratefully thank PT 42 for work and then close the project team.

Further work related to the technical report or implementation of the mnemonics in the 60617 data base should be studied by MT 60617. Results should be reported to TC 3 together with proposals on further treatment if required.

Decision 6 : TC 3 decided at its meeting in Helsinki that PT 42 shall be disbanded. The Secretary shall take action to arrange the disbanding.

8.7. Withdrawal of IEC/TR 62154 Ed.1: Terminology in the area of information structures, documentation and graphical symbols, document 3/1028/RR

The Secretary reported that IEC/TR 62154 has been withdrawn in accordance with 3/1028/RR.

8.8. Report from New work item proposal for Dynamic graphical symbols, Document 3/1066/INF

The Secretary reported that the new work item proposal regarding dynamic representation of graphical symbols was approved and a new Project Team, PT 45, has been established. PT 45 has held its first meeting by using GoToMeeting for a web meeting.

The report from the Convenor includes a proposal of new description of the scope of PT 45. The new description of the scope was accepted by the plenary meeting. The description should be changed in the TC 3 dash board. It was also recommended that the Secretary shall discuss with CO to change the number of the project team to avoid confusing with SC 3C/PT 45.

In accordance with the report it was also discussed if the project shall be concentrated directly on the work on a IS or if another, faster to release, document kind shall be prepared first. The meeting proposed that the work shall be directed towards an IS and that liaison with other committees, e.g. TC 65, TC 57 and ISO/IEC JTC 1/TC 35, shall be searched for. Other form of publication (like TS) may be considered later.

Decision 7 : TC 3 decided at its meeting in Helsinki that the work description of PT 45 shall be changed in accordance with the proposed text noted in 3/1066/INF.

Decision 8 : TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange with IEC central office for changing the number of the project team.

Decision 9 : TC 3 decided at its meeting in Helsinki that the PT 45 shall prepare a proposal of an IS and search for liaison with other committees

9. IEC 60848 GRAFCET specification language for sequential function charts

9.1. To take decision on new Convener of MT 33, document 3(Helsinki/MT33)04

The Secretary presented the report from MT 33 and noticed that a CD was circulated and that a CDV has been prepared but not yet circulated. A discussion about two comments from SE NC has slightly delayed the program.

The Chairman explained the situation and proposed that a revised CC including the new proposed text for the CDV should be circulated before the final manuscript of the CDV will be fixed. The meeting decided to follow the proposal.

Decision 10 : TC 3 decided at its meeting in Helsinki that an updated CC of the CD for IEC 60848 Ed. 3 shall be circulated. The "A-version" of the CC shall include the final text proposed for use in the coming CDV.

10. IEC 61082 Preparation of documents used in electrotechnology

10.1. Report from the Convener of MT 16

No action was reported. However, the Chairman call to attention that the stability date of IEC 61082 ends in 2012, meaning that a Review report has to be circulated with call for required changes.

Decision 11 : TC 3 decided at its meeting in Helsinki to ask the Secretary to circulate a Review report for IEC 61082.

11. IEC 61175 Designation of signals

11.1. Report from MT 17, document 3/1068/INF.

The Secretary presented the report from MT 17. The preparation of edition 3 of IEC 61175 is delayed due to the problems to find experts for the new work. However, a team has been set up and the work has started. A revised time schedule will be prepared in the next meeting of MT 17.

It was noted that the participation list in IEC web page is not correct with respect to the actual participation. The NCs are requested to update the participation in the Expert Management system. The change of Convenor has to be handled by CO.

Decision 12 : TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange with CO to change the Convenor of MT 17 to be Sven-Anders Lejdeby.

11.2. Discussion about the scope of edition 3 of IEC 61175 and participation in MT 17

MT 17 has been extended by a liaison member from TC 57. The Secretary will check how liaison with TC 57 shall be correctly established.

It was also proposed to inform TC 65 about the work and propose participation as a part of the actual liaison. The Secretary mentioned that the collaboration with TC 57 was specially selected due to the advanced principles of modelling used in IEC 61850, but that he also agreed to inform TC 65 and search for liaison in the task.

Decision 13 : TC 3 decided at its meeting in Helsinki to ask the Secretary to check up the correct form of liaison with TC 57.

Decision 14 : TC 3 decided at its meeting in Helsinki to inform TC 65 about the work with edition 3 of IEC 61175 and propose liaison with TC 3/MT 17.

12. IEC 81346 Ed. 2 - Structuring principles and reference designations and IEC 61666 Ed. 2 - Identification of terminals within a system

12.1. Report from the Convenor of MT 18.

No actions related to IEC 81346-1, IEC 81346-2 or IEC 61666 are reported.

12.2. Status of work in ISO TC 10/SC 10 regarding ISO/TS 81346-3, Document 3/1065/INF

The preparation of ISO/TS 81346-3 was discussed. The draft technical specification was circulated and approved both by ISO and IEC. It has also been mentioned that an additional part dealing with reference designations in power plants as well as other technical areas may be proposed by ISO/TC 10. The meeting recommended that preparation of new IEC or ISO parts of the standard (including part 3) shall be managed by the existing maintenance team, MT 18, with additional members to be nominated by ISO TC 10. The Secretary shall inform ISO TC 10 about this proposal.

Decision 15 : TC 3 decided at its meeting in Helsinki to ask the Secretary to inform ISO TC 10 about the decision of TC 3 to propose that the preparation of a new edition ISO 81346-3 and eventually new parts of the 81346-series should be managed by TC 3 MT 18 in liaison with ISO TC 10.

12.3. To consider the proposal from TC 57 to include the so called ANSI designations in IEC standard

The "ANSI device numbers" as presented in 57/1006/DC was discussed. TC 57 has not officially requested that TC 3 shall take care of the proposal, therefore the Chairman proposed that no further actions shall be taken.

It was also proposed that the "ANSI device numbers" will be dedicated to MT 18 as "dormant activity" for the time being.

Decision 16 : TC 3 decided at its meeting in Helsinki that no actions will, for the moment, be taken from TC 3 with regards to the "ANSI device numbers".

13. IEC 61355 Ed. 2 Classification and designation of documents for plants, systems and equipment

13.1. Report from the Convenor of MT 19

No activities of MT 19 were reported.

It has been recognized that product committees in some cases define document kinds that may be overlapping to those in IEC 61355. The Chairman commented that definitions used by TC 65 exist but they could not be considered as overlapping.

Decision 16A: TC 3 decided at its meeting in Helsinki that MT 19 shall consider to include document kinds defined by TC 65 into IEC 61355DB, in the case these document kinds are missing in IEC 61355DB.

13.2. To discuss the handling of document kind names without description in IEC 61355DB

The Secretary reported that to all document kinds that are missing a real description in the database, the text "No standardized description is presently available" has been added in the description field. However, these document kinds are still marked with the note "under development". The Convenor, Mr. Hans Brückner recommended that these document kinds should be accepted as standard with the mentioned text in the description field. If the items are accepted, the text "under development" will disappear from the list of document kinds on the entry page.

Decision 17 : TC 3 decided at its meeting in Helsinki to ask the Secretary to update the IEC 61355DB by setting the document kinds with the description text "No standardized description is presently available" to the status "approved".

The Secretary also reported that SE NC still has an action item on the agenda to find standardized descriptions of document kinds in the data base, which miss such information today.

14. IEC/PAS 61906 Procedure for the declaration of materials in products of the electrotechnical and electronic industry

14.1. Consideration of the information about withdrawal of IEC/PAS 61906

The Secretary informed that he tried to contact TC 111 regarding the withdrawal of the IEC/PAS 61906, but without response from TC 111. The Secretary also informed that a Review report with the decision to withdraw the PAS has not yet been circulated, basically due to lack of contact with TC 111.

It was noted that the reason for the missing response from TC 111 may have been caused by using not adequate addresses due to misunderstanding of the information in the IEC homepage (TC 111 has an Italian secretariat but a Japanese Secretary).

The Secretary of TC 111 should be informed, by using the correct address, about the withdrawal and, if required, a Review report shall be circulated.

Decision 18 : TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange the withdrawal of IEC/PAS 61906 and to correctly inform the Secretary of TC 111.

Decision 18A: DETs emanating from IEC PAS 61906 will not be withdrawn in the IEC CDD unless something better or equivalent will be provided by IEC TC 111 to IEC TC3.

15. IEC 62023 Structuring of technical information and documentation and IEC 62027 Preparation of parts lists

15.1. Consideration of the report from the Convenor of MT 20, document 3/1058/INF

The Convenor, Mr. Per-Åke Svensson, presented the report, which was accepted as written. It was noted that the task has been fulfilled as planned and that MT 20 may return into "dormant" state until next revision (stability date is 2019). Mr. Svensson also mentioned that he will resign as Convenor of MT 20 by the completion of this work.

A new Convenor for MT 20 has to be appointed.

Decision 19 : TC 3 decided at its meeting in Helsinki to put the action point to propose a new Convenor for MT 20 into the agenda of the co-ordination meeting in 2012.

16. IEC 82079 Preparation of instructions for use - Structuring, content and presentation

16.1. Consideration of the report from the Convenors of MT 21, Document 3(Helsinki/MT21)05

One of the Convenors, Dr. Gabriella Fleischer, presented the report and mentioned that the work with all comments of the CDV of IEC 82079 has now been finalized and a draft manuscript of the FDIS is prepared.

The meeting recommended that the Secretary shall circulate a "B-version" of the RVC, including the draft manuscript of the FDIS before the actual FDIS will be circulated.

Decision 20 : TC 3 decided at its meeting in Helsinki that the Secretary shall circulate a new version of the RVC for IEC 82079 (in CDV stage), including the draft manuscript of the FDIS.

17. IEC/PAS 62515: Requirements concerning the interoperability between electromechanical and electrical applications in CAx- systems

17.1. Consideration of the report from PT 40, Document 3/1061/INF

The Project leader, Mr. Fritz Reuter presented the report from PT 40.

Mr. Reuter specially mentioned the collection of data element types that is intended to be introduced in the CDD, and the cooperation with SC 17B regarding definition of properties.

The report includes two alternatives of proposed further actions from PT 40. The meeting decided that alternative b) (see the report) shall be followed.

It was also decided in the meeting that Mr. Reuter shall be nominated Liaison Officer with SC 17B (see also discussion about liaison work in item 30.1).

Decision 21 : TC 3 decided at its meeting that PT 40 shall convert the IEC/PAS 62515 into a Technical specification but not before a stable version of the planned IEC 62686 has been presented from TC 17/SC 17B.

Decision 22 : TC 3 decided at its meeting to ask the Secretary to propose to TC 17/SC 17B that Mr. Fritz Reuter will be liaison officer appointed by TC 3.

18. IEC-ISO 81714 Design of graphical symbols for use in the technical documentation of products

18.1. Consideration of the report from the Convener of MT 22, Document 3/1063/INF

The Convener, Mr. Fritz Reuter presented the report from MT 22 and notified that IEC 81714-2 needs to be revised. The standard should be updated in accordance with the Ad-hoc team report. However, the stability date ends in 2016.

19. IEC-ISO 82045 Document management

19.1. Consideration of the report from the Convener of MT 23 IEC ISO 82045-series

No activities in MT 23 were reported.

20. IEC 62491 Ed. 1 Labelling of cables and cores

20.1. To consider the report from MT 44 *Marking of conductors and cables*

No activities of MT 44 were reported. It was noted that the stability date of IEC 62491 is 2013.

21. IEC 62507 Ed. 1 Rules for identification systems

21.1. Consideration of the report from PT 39 Basic rules for identification systems, document 3/1059/INF

The Project Leader, Mr. Per-Åke Svensson, presented the report and called attention to the intention of PT 39 to prepare a part 2 of IEC 62507. Part 2 will be prepared as a technical report, which can be published after voting and approval by simple majority of P-members on a DTR. It was discussed if a NP has to be circulated before the DTR. The conclusion by the meeting is that the DTR can be circulated without a new NP.

Decision 23 : TC 3 decided at its meeting that PT 39 shall prepare a part 2 of IEC 62507 in form of a technical report. The preparation of DTR should be started without circulation of new work item proposal.

22. IEC/PAS 62569 Ed. 1 Generic Specification of Information on Products (GSIP), Part 1: Principles and methods, and Part 2: Structure of specification

22.1. Consideration of the report from PT 41, Document 3/1064/INF

The Project Leader, Mr. Fritz Reuter, presented the report and mentioned that the work with IEC 62569 can be continued after the finalized work of the Ad-hoc team. The Ad-hoc report needs to be circulated and accepted for use.

23. IEC/TS 62666 Ed. 1 Guidelines for the inclusion of documentation aspects in product standards

23.1. To consider the report from PT 43, Document 3/1060/INF

The report was noted. The Project Leader, Mr. Per-Åke Svensson pointed out that TC 3 has not taken any decisions about future work in PT 43 or planned any actions for further promotion of the guideline. The meeting proposed to discuss the case with Mr. Matei Cocimarov at the next co-ordination meeting.

Decision 24 : TC 3 decided at its meeting in Helsinki that the Secretary shall add the questions regarded to IEC/TS 62666 to the agenda of the co-ordination meeting in 2012.

24. Report from the Chairman of SC 3C - Graphical symbols for use on equipment - and relevant decisions, Document 3(Helsinki/SC3C)07

The Chairman, Mr. Arto Sirviö, presented the report from the SC 3C plenary meeting. It was mentioned that the Danish NC has been changed to O-member.

Mr. Fritz Reuter proposed, regarding item 7.1 (Report from JWG11), that ISO-experts should participate in SC 3C/PT 45. Prof. Hiroaki Ikeda was asked to check if it will be possible.

SC 3C has noted some malfunctions in the TC 3 dashboard. The TC 3 Secretary was asked to take actions for corrections of the dashboard. The Secretary agreed with the request and mentioned that the faults were recognized after the introduction of the new IEC web sites. SC3C also asked the Secretary to move ISO 80416-2 ed1.0 from the list of TC 3 publications to the list of SC 3C publications in dashboard.

Decision 25 : TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange the correction of the malfunctions in the TC 3 dashboard, including the list of publications.

SC 3C has checked liaisons with other committees and the Secretary will inform the committees concerned regarding changes liaison officers from SC 3C.

25. Report from the Chairman of SC 3D - Data sets for libraries - and relevant decisions, Document: 3(Helsinki/SC3D)09

Mr. Hiroshi Murayama presented the report from the SC 3D plenary meeting.

New liaison with TC 57 was noted. Introduction of definitions and models from CIM and IEC 61850 in Parcelmaker and further on in the standard IEC 62565 (eventually part 2 and 3) have been discussed.

The NCs participation in voting was discussed. It has been noted that the activity often is low both in the validation team voting and also in other voting. The experience from TC 3 is the same. It was mentioned that SMB has discussed to request reporting of the NC's participation in voting and working groups. SMB may take actions with regards to the reports, such as change P-membership to O-membership. Mr. Murayama recommended that the related NCs should be informed and encouraged to participate better before other actions are taken. In the meeting it was proposed that this could be decided and done from case to case. The Secretary commented that he have tried to inform a number of NCs with regards to VT 60617, but without result. It was also proposed that the P-members should be better informed about the TC 3 activities by circulation of the Strategic Business Plan.

Decision 26 : TC 3 decided at its meeting in Helsinki that the Secretary shall circulate the updated Strategic Business Plan to all P-members for information.

Decision 26A: TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange the introduction of the decided text disclaimers for all data bases from IEC TC3.

Decision 26B: TC3 decided at its meeting in Helsinki to ask the Secretary to distribute an INF document informing NCs about the availability of the multiple language versions of IEC TC3 data bases.

26. Consideration of common data base issues related to CDD

It was proposed to notify the NCs about the possibility to include national language versions of the content in the data base. This could for example be done by an informative document from CO to NCs. If NCs decide on including their language version, the NC shall discuss this directly with IEC CO.

An additional entry field in the data bases for administration data was discussed. Mainly a field intended for information about organisation responsible for maintenance of data is required in CDD.

Mr. Fritz Reuter notified that a text of disclaimer to be used on all of the data bases has been prepared and shall be introduced in the home page of the data bases.

26.1. Consideration of the Report from the Ad Hoc Working Group for the preparation of source definitions of Data Element Types in standards, Document: 3/1067/INF

Mr. Per-Åke Svensson presented the report from the ad hoc team and invited the NCs to make comments to the report. No official request for comments will be circulated but the NC can send comments to the Secretary within two weeks after the plenary meeting.

The report was presented more in detail earlier in the workshop in Helsinki.

Decision 27 : TC 3 decided at its meeting in Helsinki that the two documents proposed by the ad hoc team, in the report 3/1067/INF, will be circulated as DTSES. The Secretary shall ask CO to register two new projects for the task.

27. Report on activities related to the Memorandum of Understanding (MoU) between IEC, ISO, UN/ECE, etc, concerning standardization in the field of electronic business.

No report was available.

The Chairman pointed out that, besides the activities on identification systems, the main issues dealt with in MoU are related to SC 3D. He recommended that SC 3D should follow the activities more closely and to act if required.

28. Discussion of future work in the area of documentation

No reports were available and no activities reported concerning the last year.

28.1. PWI 3-701 ISO 82045-4: Document management - Part 5: Archiving

No activities have been reported due to lack of resources. TC 3 therefore decided to propose closing of PWI 3-701.

29. Review of the P- and O- membership of the committee, document 3/1056/INF

We have 20 P-members in TC3 and 11 O-members. The participation in working groups is mainly concentrated on a few P-members and half of the P-members have no participants in PTs or MTs.

Participation in voting is on acceptable level but participation in validation in the VT 60617 is irregular, with half of the team participating well and the other half with very low participation.

It was noted that Pakistan was missing in the report of the participation in plenary meetings and working groups, however, PK NC has not participated in any meetings, working groups or voting.

30. Review of liaisons with other bodies (on subjects not already covered), and to specifically consider related decisions in the SCs:

30.1. Consideration of report from Chairman and Secretary regarding proposal of cancelling liaisons.

The Chairman described the status of the work related to the closing of not active liaisons. Prof. Hiroaki Ikeda was asked to present the conditions of ISO/IEC directives to clarify the rules for liaison work with other committees in IEC or ISO. It was noted that the liaison with other committees functions satisfactory for SC 3C and SC 3D.

The Secretary presented the report and notified the proposed actions. It was decided that the Chairman and Secretary shall proceed with the work based on the ISO/IEC directives, as reported. The change of status of the liaisons shall be discussed with the TC 3 officer, Mr. Matei Cocimarov.

30.2. IEC TC 16 Basic and safety principles for man-machine interface, marking and identification

No report available

30.3. IEC TC 44 Safety of machinery - Electrotechnical aspects

No report

Mr. Karl-Anker Thorn has been acting as liaison officer with TC 44. Mr. Arto Sirviö is now willing to replace him as liaison officer with TC 44.

Decision 28 : TC 3 decided at its meeting in Helsinki that Mr. Arto Sirviö will replace Mr. Karl-Anker Thorn as TC 3 liaison officer for TC 44.

30.4. IEC TC 65 Industrial-process measurement and control, Document 3(Helsinki/TC65)12

No report

30.5. IEC TC 111 Environmental standardization for electrical and electronic products and systems

No report

30.6. ISO TC 10 Technical product documentation

See item 12.2, Status of work in ISO TC 10/SC 10 regarding ISO/TS 81346-3, Document 3/1065/INF

30.7. ISO TC 184/SC 4 Industrial automation systems: External representation of product definition data

No report was available.

30.8. Other liaisons to be reviewed: Internal IEC Liaison: TC 8, TC 91, TC 93, ISO/IEC JTC 1, Liaison ISO: TC 131, TC 145, Liaison A: CIRM, ETSI, IFAC, ITU-T, ITU-R, URC

No reports were available.

31. Update of the work program of TC 3, Document 3/1053/PW

The PW will be updated after the plenary meeting.

32. Notes and considerations of marketing efforts

32.1. Reports from the National Committees

Mr. Josef Rymus reported that the Czech Office for Standards, Metrology and Testing (UNMZ), including information on publications issued for the public (freely available) in the field of graphical symbols for use on equipment and of graphical symbols use on diagrams, freely available on the UNMZ website.

The text of this contribution, sent as e-mail (October 6, 2011 Meeting TC 3) to Mr. Hans Brückner was as follows:

"At present, the technical standardization in the Czech Republic is managed by the Czech Standard Office for Standardisation, Metrology and Testing (UNMZ) in Prague, which for this work has established the Technical Standardization Center (called CTN) with the relevant activity and mission. In addition, the website UNMZ are available to the public a variety of technical manuals (for example, the graphical symbols used on equipment or on diagrams) - see <http://www.unmz.cz/urad/produkty-a-sluzby>".

33. Date and place of next meetings

33.1. Plenary meeting 2012

TC 3 has been invited to participate in the General meeting in Oslo the first week of October 2012. The exact dates of the meeting are still not fixed.

33.2. Plenary meeting 2013

The General meeting of IEC 2013 will take place New Delhi in India. The meeting agreed upon to hold the plenary meeting as part of the General meeting provided that we will have an invitation from India. So far no invitation has been received from Indian NC.

34. Other business

The future use of TC 3 dashboard was discussed. After the new design of the IEC web site, including new dashboards of the technical committees, the role of "our own site" has been a bit unclear. The site is called "TC 3 web site" in at IEC official site and the link is not easily found.

The meeting agreed that TC 3 shall continue to use the site but mainly for storage of historical information. Mr. Svensson and Mr. Lejdeby was asked to propose which parts of the site that shall continuously be used and prepare information how to maintain the site.

Decision 29 : TC 3 decided at its meeting in Helsinki that TC 3 shall continue to use the "TC 3 web site", however with much less need to update it frequently. The Secretary, supported by Mr. Per-Åke Svensson, shall prepare a proposal of which information shall be available and continuously updated in the site. They are also asked to prepare guidance for maintenance of the site.

35. Close of the meeting

The Chairman thanked the Finnish NC for the facilities provided for our meetings and for their excellent hospitality. He wished the participants a good trip back to home.

The Chairman then closed the meeting.

Annex A

Report from the Chairman of SC 3C

Decisions taken in SC 3C plenary meeting in Helsinki during 4th of October 2011 including results since the last meeting in Seattle.

A.1 Participants at SC 3C meeting in Helsinki

Four delegates from 4 P-member countries out of 17 and no delegates from O-member countries out of 11 presented in addition to Chairman of SC 3C, Secretary of SC 3C, Assistance secretary of SC 3C and Chairman of TC 3.

Apologies was received from DE delegates of SC 3C

A.2 SC 3C organization

SC 3C noted following changes in organization and IEC awards for the members:

- appointment of Dr. Yoshikazu Seki (JP) new secretary of SC 3C (3C/1700/AC).
- appointment of Prof. Hiroaki Ikeda (JP) as new assistant secretary of SC 3C (3C/1700/AC).
- status of Denmark has changed from P-member to O-member.
- SC 3C expert Mr. Josef Rymus (CZ) has received IEC 1906 award.

A.3 Activity of graphical symbols for use on equipment by Validation Team 60417

As the result of work by the VT 60417, 29 graphical symbols for use on equipment were add or modified in IEC 60417 during the past year.

A.4 Activity on change requests

Since the last plenary meeting of SC 3C, 31 new CRs were added to IEC 60417.

A.5 Membership in Validation Team 60417

Eight P-members out of 17 had nominated delegates in VT 60417.

A.6 MT/PT reports, liaison and SC 3C decisions

Item	Description	Documents
A6.1	<p>General report including actions taken on the decisions in the last meeting</p> <p>SC 3C noted that Tel Aviv decision 15 is still pending. Secretary of SC 3C was asked to circulate INF regarding decision 15.</p> <p>SC 3C noted possible changes coming from DMT proposals on ISO/IEC directives. Special on changes for criteria of P-members participation (directly or by correspondence AND appointment of experts).</p> <p>DECISION 1: SC 3C in Helsinki decided to ask Secretary to circulate an INF as a follow-up to the pending action on Decision 15 from Tel Aviv 2009</p>	3C/1750/INF
A6.2	<p>Communication with TC 34</p> <p>SC 3C waits reply from TC 34 about liaison request and appointment of liaison officers from TC 34 and subcommittees.</p>	3C/1753/INF
A6.3	<p>Communication with German National Committee</p> <p>SC 3C noted communication between DE NC and SC 3C. SC 3C Officers provided replies to questions raised by DE NC.</p>	3C/1751/INF

A6.4	<p>Report from VT 60417 on IEC 60417 regarding Change Requests and graphical symbols in the past year</p> <p>SC 3C noted activities of VT 60417 since SC 3C Seattle meeting.</p> <p>Status of Denmark was changed P-member to O-member.</p> <p>Assistant secretary of SC 3C inform that according to IEC rules nominated delegate members from O-member countries can be members of VT (however positive votes from O-members countries are not counted but negative will be counted).</p> <p>It was agreed that summary of new symbols in IEC 60417 the content of Annex B in document 3C/1748/INF is to be circulated as liaison statement to relevant IEC TC/SCs.</p> <p>DECISION 2: SC 3C in Helsinki decided to ask Secretary to send a liaison statement, together with the Annex B of document 3C/1748/INF, to each of the relevant TCs and SCs referenced in that Annex B on the newly standardized graphical symbols for use on equipment in the past year.</p> <p>DECISION 3: SC 3C in Helsinki decided to ask Secretary to circulate an AC for nomination of delegate members to VT60417 in accordance with Annex J of IEC specific procedures.</p>	3C/1748/INF
A7	To receive and discuss reports of WG, PT and MT	
A7.1	<p>Report from JWG 11 with ISO TC 145/SC 3 (Convenor: Ikeda)</p> <p>SC 3C noted ISO intention to replace CDB as XML repository.</p> <p>SC 3C noted JWG11 consideration on part 5 “dynamic presentation of graphical symbols for use on equipment” in collaboration with parent committee TC 3/PT 45.</p> <p>Report was accepted</p>	3C/1743/INF
A7.2	<p>Report from PT 62648 (PL: Ikeda)</p> <p>SC 3C noted report of PT 62648.</p> <p>Draft IEC 62648 is candidate for horizontal standards and is now under approval by SMB. (after the meeting, it was noted that the candidate was approved as a horizontal standard per SMB/4573A/RV.)</p> <p>As result of CDV vote (two negative votes from DE and GB) text for FDIS is to be prepared.</p> <p>Report was accepted</p>	3C/1744/INF
A7.3	<p>Report from PT 45 on project PWI 3C-1 (PL: Ikeda)</p> <p>SC 3C noted report from PT 45.</p> <p>Task of PT 45 is continuous survey of graphical symbols introduced by other IEC TCs/SCs.</p> <p>SC 3C noted numbering of PTs under TC 3 are not fully consistent because of two project teams has same number “TC 3/PT45” and “SC 3C/PT45”. Actions from parent committee level are needed.</p> <p>IEC CO editing department should also check consistency of graphical symbols for use on equipment in all draft IEC documents and inform SC 3C if coordination is needed.</p>	3C/1742/INF

	<p>DECISION 4: SC 3C in Helsinki decided to ask Secretary to prepare a status report on collaboration and coordination with other TC/SCs to be used for the next TC 3 co-ordinate meeting in 2012.</p> <p>Report was accepted.</p>	
A7.4	<p>Report from MT 60417 (Convenor: Ikeda)</p> <p>SC 3C noted report from MT 60417.</p> <p>SC 3C recommend MT 60417 to continue on same activity level as it is now.</p> <p>Report was accepted.</p>	3C/1745/INF
A8	<p>To receive report on NC specific activities, if any</p> <p>JP NC prepared full IEC 60417 in Japanese.</p> <p>JP NC is requesting to have multilingual database for IEC 60417 including JP language variant. CZ NC supports JP NC and also is considering to provide CZ variant.</p> <p>DECISION 5: SC 3C in Helsinki decided to encourage JP NC to collaborate with Central Office on Japanese variant of IEC 60417. All NCs, including CZ NC, were encouraged to consider a respective variant.</p>	3C/1746/INF
A9	<p>Update the Program of Work of SC 3C as recorded by IEC Central Office</p> <p>SC 3C noted the current development of standards and updated schedule for PT 62648. SC 3C ask secretary to send revised PW document to IEC Central Office.</p> <p>SC 3C decided to add PT 45 as responsible of PWI 3C-1 Ed. 1.0 "Survey of graphical symbols for use on equipment", with project leader Hiroaki Ikeda.</p> <p>SC 3C noted that some of hyperlinks in IEC web site did not work properly.</p> <p>DECISION 6: SC 3C in Helsinki decided to ask Secretary to request Technical Officer to correct the broken link to "change requests" in the standing project "IEC 60417 Ed. 0.0" in the Work Programme in SC 3C Dashboard.</p> <p>DECISION 7: SC 3C in Helsinki decided to ask Secretary to request Technical Officer to move "ISO 80416-2 ed1.0" from the list of TC 3 publications to the list of SC 3C publications in Dashboard.</p>	3C/1704/PW
A10	<p>Review Maintenance Cycles</p> <p>SC 3C noted stability date of IEC/TR 62687 Ed. 1.0 (2011) (SD:2015) and comments from CZ. ISO 80416-2 is listed under TC 3 and JWG is spelled wrong. SC 3C secretary was asked to communicate IEC Co to fix found errors.</p> <p>Maintenance team for IEC/TR 62687 Ed. 1.0 will be setup later possibly in 2012 or 2013.</p>	
A11	<p>Review liaisons</p>	35.1. 3C

	<p>ISO COPOLCO is special committee under ISO. IEC CO should check if this entry is relevant for SC 3C.</p> <p>DECISION 8: SC 3C in Helsinki decided to appoint Mr Arto SIRVIÖ as a liaison officer from SC 3C to TC 91.</p> <p>DECISION 9: SC 3C in Helsinki decided to appoint Mr Hiroaki IKEDA as a liaison officer from SC 3C to TC 34, SC 34A, SC 34B, SC 34C and SC 34D.</p> <p>DECISION 10: SC 3C in Helsinki decided to appoint Mr Arto SIRVIÖ as a liaison officer from SC 3C to TC 44.</p> <p>DECISION 11: SC 3C in Helsinki decided to ask Secretary to propose the Internal liaison with TC 61 and its SCs together with document 3C/1747/INF.</p>	/1 75 2/1 NF
A12	<p>Review the Strategic Business Plan</p> <p>In 2012 SC 3C need to update SBP covering IEC 62648 (clause D.5) and possible content related to dynamic presentation of graphical symbols.</p>	SMB/4191/R
A13	Any other business	
A13.1	SC 3C noted topic on workshop related to IEC 60417.	
A14	<p>Date and place of the next meeting</p> <p>Chairman explain that NO NC has invited TC 3, SC 3C, SC 3D to Oslo for IEC GM 2012.</p> <p>DECISION 12: SC 3C in Helsinki decided to hold 2012 SC 3C plenary meeting in collocation with the parent committee</p>	

Arto SIRVIÖ
Chairman SC 3C

Yoshikazu Seki/Hiroaki Ikeda
Secretary/A. Secretary SC 3C

Annex B

Report from the Chairman of SC 3D

B.1 Chairman's report of the IEC SC 3D Plenary meeting (from draft for UNCONFIRMED MINUTES OF THE MEETING OF IEC/SC 3D)

B.1.1 Opening of Meeting

The meeting opened at 9:00 am as planned on 5th October, 2011.

B.1.2 Agenda was confirmed

B.1.3 confirmation of the minutes of the meeting held in Seattle

The minutes were approved as it was prepared then.

B.1.4 Information from IEC Central Office

Skipped for the absence of officer of IEC CO. Brief report on the status of collaboration with IEC CO for new IEC infrastructure was reported by the Secretary of IEC SC3D, Mr. Reinhard Nerke.

B.1.5 SC 3D membership and liaison status

Number of participating countries as of 2011-10-5; 19.

Number of observer countries; 9.

See http://www.iec.ch/dyn/www/f?p=103:29:0::::FSP_ORG_ID,FSP_LANG_ID:1345,25 for the current status of membership. Some of the P member countries are not participating in any voting over a year. A letter shall be sent from SC3D secretariat to arouse the attention of the member body(ies) for encouraging active participation.

B.1.6 Review on SC 3D Scope and Strategic Business plan

- Scope ---- No change
- Review on TC3 Strategic Business Plan, in relation to SC3D
In terms of the current SBP, the following paragraphs concerning the SC3D activities are suggested for change. The paragraph must be smoothly incorporated into the TC3 SBP:
 - *"The paragraph "As a joint effort of IEC CO and IEC SC 3D an extended and more powerful version of the IEC CDD is developed and planned to be released in 2010 or 2011." shall be changed into*
"As a joint effort of IEC CO and IEC SC 3D an extended and more powerful version of the IEC CDD was released in 2010 and more advanced functionalities are being planned for further extension."

The paragraph

- *"In Japan, the ISO 13584 and IEC 61360 data models are widely referenced as the basis for e-procurement and e-engineering predominantly in the electric-electronic domain as well as electric machinery and electric measurement domains. The dictionaries developed and maintained include: the ECALS dictionary of JEITA, the JeMarche dictionary of the Japan Electrical Manufacturers Association (JEMA) and ISO 13584-501: Reference dictionary for measuring instruments – Registration procedure of JEMIMA." shall be shortened to;*
"In Japan, the ISO 13584 and IEC 61360 data models are widely referenced as the basis for e-procurement and e-engineering predominantly in the electric-electronic domain as well as electric machinery and electric measurement domains. Among them the dictionary developed and maintained by the name of ECALS dictionary of JEITA is constantly updated and has gained the De-Facto status in the region."

- With respect to **E action plan.**

The items relating to SC3D shall be changed as follows (changes in item 2 and 7):

"SC 3D

1. Continuous maintenance of IEC 61360 DB initiated by Change Requests in accordance with Annex J to IEC specific procedures, ISO/IEC Directives;
2. Collaboration with other committees which are developing data element types in their standards, including IEC SC65E and SC17B;
3. Elaboration of the business model;
4. Implementation of the new version of IEC CDD as a joint effort of IEC CO and IEC SC3D. Improved features are in work for import and export, consistency checking, and sophisticated data structures in accordance to the current versions of IEC 61360-2 and ISO 13584-42. The improved database will allow the National Committees to create localized versions of the database content (multilingualism);
5. Maintenance of IEC 61360 publication series standards in collaboration with ISO TC 184/SC 4 WG 2;
6. Development of IEC 62656 - Standardized product ontology register and transfer by spreadsheets, a standard that enables input, output, and exchange of product classes and properties and their values
- 7 Development of interface standards with other ontology standards of other standard communities than IEC SC3D, notably an interface standard to incorporate Smart Grid ontology called CIM (Common Information Model) of TC57 into IEC-CDD, as a Part of IEC62656 series.

B.1.7 Wrap up of WG results

Status of the SC3D standards and related discussion

IEC61360 *Standard data element types with associated classification scheme for electric components*

Part1: stable as International Standard. Nevertheless comments are being collected for possible amendment/corrigendum for a substantial improvement of explanation about new product ontology modeling methods, such as "blocks" and case-of.

Part2: documents corresponding to ISO13584-42/Ed.2 (published in 2010) for FDIS circulation are prepared in both English and French, and submitted to IEC-CO. Review by French language editor at IEC-CO has been finished after frequent mail-exchanges among the parties concerned.

Part4: See IEC CDD.

Part5: the part will reach the stability date next year (2012). Due to the release of Part2 -Ed.2, some of the content of Part5 becomes obsolete or inconsistent with the Part2. SC3D asks Mr. Murayama to make a preliminary study about the necessary changes for the update.

IEC62656 *Standardized product ontology register and transfer by spreadsheets*

Part1: The French translation of the draft CDV has been newly added as a consequence of close collaboration among the project leader, Mr. Christian Verney, the chair of French mirror committee for SC3D, and the French language editor at IEC-CO. The document has been put to CDV circulation that terminates 2012-02-10.

Part2: under CD circulation for collecting comments that terminates on 2011-10-07. At the Helsinki meeting, all the technical comments of Germany and Japan that have sent the comments prior to the formal closure date have been reviewed. Including the solutions and decisions to the comments to arrive by the closure date, the project leader was asked to circulate the response to all the comments within October, 2011.

Part3: The NP for establishing an interface between IEC CDD and Smart Grid ontology called CIM (Common information model) of IEC61968/61970 has been approved. However the NP is still missing one expert nomination from a P-member country: Currently, France, Finland, Germany, and Japan have already nominated experts. For this standard is the first endeavour among the standards of SC3D to establish a bridge between the worlds of Smart Grid and IEC CDD, the countries voted "Yes" without expert nomination are encouraged to nominate experts for supporting the march toward the common goal.

IEC 62720 **identification of units for computer based processing**

The project is currently at CD stage and a DTS document that comprises more than 700 pages has been prepared. TS vote is planned to take place in November 2011, after incorporating minor editorial improvements. The list of mappings of units to those available from IEC61850 or other standards will be separated from the document of IEC62720.

B.1.8 Status IEC CDD

B.1.9 IEC 62656 'Standardized product ontology register and transfer

See 7 sub-clause for the standard.

B.1.10 IEC 62656 'Standardized product ontology register and transfer by spreadsheets'

See 7 sub-clause for the standard

B.1.11 Status of previous SC3D resolutions and drafting of new SC3D resolutions

Regarding the resolutions at Seattle

Establishment of JWG with TC93 for dictionary mapping

Action for creating JWG with TC93 was postponed until TC93 assures enough P-members as a regular TC/SC of IEC. Instead, creation of an ad-hoc group for studying the issue was resolved at Helsinki.

SC3D appreciates the effort to effect a better user access and control to the properties defined at the root. However the problem ranges over many properties and the structural details of the necessary change are not fully elaborated. Therefore, a document that fully explains the structural details of the configuration of the properties and the rationale for the grouping of the properties is needed. Under this situation, SC3D resolves that CR 22 should be processed through the extended procedure.

It is under review according to the extended procedure

SC3D decides to develop an Exploitation rights statement to the effect that proposers guarantee that the content proposed is freely available for exploitation by IEC and for publication under the license conditions of IEC CDD. No third parties exploitation rights shall restrict the use of the proposed content.

License statement of IEC CDD was agreed with IEC with our satisfaction:

License statement of IEC CDD. See the following URL:

<http://std.iec.ch/cdd/iec61360/iec61360.nsf/License?openPage>

SC3D resolves that Content extension plan shall be circulated as an official policy of IEC SC3D.

Successfully done

SC3D requests TC3 to support that part1 and part2 of IEC 61360 be recognized as horizontal standards.

Successfully done: Both parts of IEC61360 are now acknowledged as horizontal standards.

SC3D Resolutions at Helsinki 2010-10-05

It is resolved that;

SC3D shall establish an ad-hoc group to study methods to coordinate non-standard dictionaries with standard dictionaries maintained in IEC CDD, and to investigate methods to integrate standard dictionaries based on different dictionary models and modelling languages.

The agreed scope of the ad-hoc group is as follows:

“The scope of this ad-hoc group is to develop rules and principles for the mapping of product properties and classes belonging to different classification systems, whose underlying data structure as well as semantics are different. In particular, the methods to coordinate non standard dictionaries with standard dictionaries maintained in IEC CDD shall be investigated. The methods for the integration of standard dictionaries yet based on different dictionary models and modelling languages shall be investigated with equal force. The existing and publicly available documents shall be taken into consideration.”

The initial members of this ad-hoc group are Mr. John Mackin (Jp), Mr. Hiroshi Murayama (Jp), and Prof. Jae-Ho Lee (Kr), and additional volunteers will be called for. Among the initial members Mr. Mackin accepted the role of reporter to TC3.

B.1.12 Liaison reports

Brief reports were presented for IEC SC65E (originally prepared by TC65 Liaison Officer Udo Doebrich) and eCI@ss, both by Reinhard Nerke

Short oral report about coordination of TC111 Material declaration standard with IEC CDD was made by Hiroshi Murayama.

With respect to ISO TC184/SC4/WG2 (PLIB), it was reported by Murayama that after the release of ISO13584-42 Ed.2, there was no activity over a year on the ISO side.

B.1.13 National activity reports, if any, by head of delegation

Nothing to report

B.1.14 Any other business

B.1.15 Date and place of the future meetings

The next SC3D WG2 meeting will be held in Erlangen, Germany from February 14 -16 2012.

It is agreed that the WG meeting after the Erlangen be held in Korea from 12th to 14th June, 2012. The place and travel information will be provided by KEA at Erlangen.

The SC3D plenary will be held alongside the TC3 meeting to be held at Oslo from October 3rd, on.

B.1.16 Closure of the meeting

Mr. Murayama as chairman of SC3D thanked the delegates for their attendance and contribution to the meeting. Representing the members of SC3D, he also thanked the Finish National Committee for hosting the meeting and for their hospitality.

Hiroshi Murayama
Chairman IEC SC 3D

Reinhard Nerke
Secretary IEC SC 3D

Annex C

Workshop program and report

C.1 Program

Title	Speaker	Documentation
Smart grid activities <i>Report of activities in SG 3</i>	Hans Brückner	
IEC CDD – implementation status and upcoming features <i>Smart Grid ontology in IEC CDD</i>	Reinhard Nerke	
Parcellized CIM to be enabled by IEC 62656-3 <i>Smart Grid ontology with Common Information Model</i>	Hiroshi Murayama	
Report from the Ad Hoc Working Group for the preparation of source definitions of Data Element Types in standards	Per-Åke Svensson	
Discussion about the implementation of new multilingual data base platform for IEC 60617DB, IEC 60417DB, etc	All	
Discussion about identification and general definition of symbols with related presentations in IEC 60617DB and IEC 60417DB.	S-A Lejdeby/ Arto Sirviö/ Hiroaki Ikeda	3WS(Helsinki/Secretary)3
Discussion about the maintenance and use of TC 3 Dashboard, including SC 3C and SC 3D Dashboards.	S-A Lejdeby/ P-Å Svensson	

C.2 Meeting documents

Number	Titel	Link
3WS(Helsinki/Secretary)1	Agenda TC 3 workshop	pdf
3WS(Helsinki/Secretary)2A	List of participants in TC 3 workshop	pdf
3WS(Helsinki/Secretary)3	Identification and general definition of symbols with related presentations in IEC 60617DB and IEC 60417DB	pdf
3WS(Helsinki/SG3_14_RM)4	Report from the SG 3 TC/SC officers workshop in Frankfurt	pdf
3WS(Helsinki/CDD)5	IEC CDD Implementation status and planned features	pdf
3WS(Helsinki/CDD)5	Advanced topics of IEC62656 Parcel series standards, in its relationship to companion standards	pdf

C.3 Notes from the Workshop

C.3.1 Smart grid activities

Mr. Hans Brückner reported from the IEC Smart grid group SG 3 TC/SC Officers workshop in Frankfurt.

The goal of the workshop was to build a development plan for the mid and long term evolution of a portfolio of smart grid standards, but also to urging the Officers to implement a consistent system approach for smart grid standards development in their own TC/SCs. SG 3 mentions four types of standards specially related to Smart grid, which are Service and performance standards; Needs modeling (Use Cases); Integration standards and Equipment standards.

A report from the SG 3 workshop in Frankfurt is presented in 3WS(Helsinki/Smart Grid)3.

C.3.2 IEC CDD – implementation status and upcoming features

The Component Data Dictionary, CDD, was presented by Mr. Reinhard Nerke. He specially paid attention to the status of the implementation of the improved structuring features with the possibility structure data in different application domains. The division in the domains Production and Content development was presented.

Example of other improvements are new search functionality, data export functions, value lists and improved data base content with introduction of DETs from e.g. TC 17 and TC 65.

For more information see 3WS(Helsinki/CDD)4.

C.3.3 Parcellized CIM to be enabled by IEC 62656-3

Mr. Hiroshi Murayama presented an advanced application of IEC62656 Parcel series standards. The Parcel tool can be used to present relationship to companion standards such as CIM standard and interface definition according to IEC 61850.

For more information see 3WS(Helsinki/CDD)5.

C.3.4 Report from the Ad Hoc Working Group for the preparation of source definitions of Data Element Types in standards

Mr. Per-Åke Svensson presented the result from the Ad hoc working group. The Ad hoc team was established as a result of a discussion in 2010 plenary meeting, see Decision 12 in the report from the meeting.

The Ad hoc working group has proposed two new documents:

- Guidelines for product committees for the preparation and processing of source definitions for Data Element Types
- Information model covering the contents of IEC 81346-1 and -2, IEC 61175, IEC 61666 and IEC 81714-3

The proposals was shortly discusses. The workshop recommended to TC 3 plenary meeting that the both documents shall be circulated as drafts for Technical specifications.

C.3.5 Discussion about the implementation of new multilingual data base platform for IEC 60617DB, IEC 60417DB, etc

Being without representation from IEC CO the discussion was short but Prof. Ikeda informed about the Japanese NCs plans to introduce the databases in Japanese language. The JP NC will meet Mr. Alan Maislisch early next year to discuss the arrangement for the Japanese versions.

C.3.6 Discussion about identification and general definition of symbols with related presentations in IEC 60617DB and IEC 60417DB

The task and working process of the validations teams and the maintenance teams of the data bases for graphical symbols was presented. Prof. Hiroaki Ikeda presented the work of the teams related to IEC 60417DB and Mr. Arto Sirviö presented MT 60617 and other teams supporting IEC 60617DB.

The role of the maintenance teams was discussed. It was made clear that the task of the maintenance teams is to support the Secretaries in the preparation of proposals for voting but not to take over the role of the validation teams.

Mr. Sven-Anders Lejdeby presented an overview of the different kinds of graphical symbols available in the data bases and noticed both differences and similarities between the kinds. Based on the fields of application of the symbols they should be treated differently in the validation of the proposals, e.g. with regards to combined symbols. It was also recommended that the two maintenance teams shall cooperate for coordination of proposals in cases where e.g. symbols of different groups representing the same type of objects or same function.

See also presentation 3WS(Helsinki/Secretary)3.

C.3.7 Discussion about the maintenance and use of TC 3 Dashboard, including SC 3C and SC 3D Dashboards

Due to lack of time in the workshop was this discussion moved to the plenary meeting. See item 34 in this report.

Annex D
List of meeting documents for the TC3 meeting

Number	Title	Pdf
3(Helsinki/Secretary)01A	TC 3 liaison with other committees	pdf
3(Helsinki/Secretary)02	List of participants in Plenary meeting in Helsinki	pdf
3(Helsinki/PT38)03	Report from PT38	
3(Helsinki/MT33)04	Report from MT33	pdf
3(Helsinki/MT21)05	Report from MT21	pdf
3(Helsinki/Secretary)06	Establishment and maintenance of liaison	pdf
3(Helsinki/SC3C)07	Report from the Chairman of SC 3C	pdf
3(Helsinki/Secretary)08A	Revised Daily report from the meeting of TC3 in Helsinki 2010-10-16	pdf
3(Helsinki/SC3D)09	Report from the Chairman of SC3D	pdf

Annex E List of Decisions

Decision 1 :	TC 3 decided at its meeting in Helsinki that the Secretary shall ask the French NC to describe the overlapping with TC 3 standards that have been recognized.	6
Decision 2 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to update the task description of PT 60617 in the IEC web page	6
Decision 3 :	TC 3 decided at its meeting in Helsinki that PT 30 will be disbanded. The Secretary shall arrange the disbanding.....	6
Decision 4 :	TC 3 decided at its meeting in Helsinki that the proposals from Mr. Araki shall be treated by MT 60617.	6
Decision 5 :	TC 3 decided at its meeting in Helsinki that PT 38 shall continue to be put on hold.	6
Decision 6 :	TC 3 decided at its meeting in Helsinki that PT 42 shall be disbanded. The Secretary shall take action to arrange the disbanding.....	7
Decision 7 :	TC 3 decided at its meeting in Helsinki that the work description of PT 45 shall be changed in accordance with the proposed text noted in 3/1066/INF.....	7
Decision 8 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange with IEC central office for changing the number of the project team.	7
Decision 9 :	TC 3 decided at its meeting in Helsinki that the PT 45 shall prepare a proposal of an IS and search for liaison with other committees.....	7
Decision 10 :	TC 3 decided at its meeting in Helsinki that an updated CC of the CD for IEC 60848 Ed. 3 shall be circulated. The “A-version” of the CC shall include the final text proposed for use in the coming CDV.	7
Decision 11 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to circulate a Review report for IEC 61082.	7
Decision 12 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange with CO to change the Convenor of MT 17 to be Sven-Anders Lejdeby.	8
Decision 13 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to check up the correct form of liaison with TC 57.	8
Decision 14 :	TC 3 decided at its meeting in Helsinki to inform TC 65 about the work with edition 3 of IEC 61175 and propose liaison with TC 3/MT 17.	8
Decision 15 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to inform ISO TC 10 about the decision of TC 3 to propose that the preparation of a new edition ISO 81346-3 and eventually new parts of the 81346-series should be managed by TC 3 MT 18 in liaison with ISO TC 10.	8
Decision 16 :	TC 3 decided at its meeting in Helsinki that no actions will, for the moment, be taken from TC 3 with regards to the “ANSI device numbers.....	8
Decision 16A:	TC 3 decided at its meeting in Helsinki that MT 19 shall consider to include document kinds defined by TC 65 into IEC 61355DB, in the case these document kinds are missing in IEC 61355DB.....	8
Decision 17 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to update the IEC 61355DB by setting the document kinds with the description text “No standardized description is presently available” to the status “approved”.....	9
Decision 18 :	TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange the withdrawal of IEC/PAS 61906 and to correctly inform the Secretary of TC 111.	9
Decision 19 :	TC 3 decided at its meeting in Helsinki to put the action point to propose a new Convenor for MT 20 into the agenda of the co-ordination meeting in 2012.	9

Decision 20 : TC 3 decided at its meeting in Helsinki that the Secretary shall circulate a new version of the RVC for IEC 82079 (in CDV stage), including the draft manuscript of the FDIS.	10
Decision 21 : TC 3 decided at its meeting that PT 40 shall convert the IEC/PAS 62515 into a Technical specification but not before a stable version of the planned IEC 62686 has been presented from TC 17/SC 17B.	10
Decision 22 : TC 3 decided at its meeting to ask the Secretary to propose to TC 17/SC 17B that Mr. Fritz Reuter will be liaison officer appointed by TC 3.....	10
Decision 23 : TC 3 decided at its meeting that PT 39 shall prepare a part 2 of IEC 62507 in form of a technical report. The preparation of DTR should be started without circulation of new work item proposal.	11
Decision 24 : TC 3 decided at its meeting in Helsinki that the Secretary shall add the questions regarded to IEC/TS 62666 to the agenda of the co-ordination meeting in 2012.	11
Decision 25 : TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange the correction of the malfunctions in the TC 3 dashboard, including the list of publications.	11
Decision 26 : TC 3 decided at its meeting in Helsinki that the Secretary shall circulate the updated Strategic Business Plan to all P-members for information.	11
Decision 26A: TC 3 decided at its meeting in Helsinki to ask the Secretary to arrange the introduction of the decided text disclaimers for all data bases from TC3.....	12
Decision 26B: TC3 decided at its meeting in Helsinki to ask the Secretary to distribute an INF document informing NCs about the availability of the multiple language versions of IEC TC3 data bases.....	12
Decision 27 : TC 3 decided at its meeting in Helsinki that the two documents proposed by the ad hoc team, in the report 3/1067/INF, will be circulated as DTSES. The Secretary shall ask CO to register two new projects for the task.	12
Decision 28 : TC 3 decided at its meeting in Helsinki that Mr. Arto Sirviö will replace Mr. Karl-Anker Thorn as TC 3 liaison officer for TC 44.	13
Decision 29 : TC 3 decided at its meeting in Helsinki that TC 3 shall continue to use the "TC 3 web site", however with much less need to update it frequently. The Secretary, supported by Mr. Per-Åke Svensson, shall prepare a proposal of which information shall be available and continuously updated in the site. They are also asked to prepare guidance for maintenance of the site.	14