

**INTERNATIONAL ELECTROTECHNICAL COMMISSION****Technical Committee No. 3 Information structures, documentation and graphical symbols****Unconfirmed minutes from the meeting of TC 3 held in Oslo 2012-10-05**

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Secretary: Mr. Sven-Anders Lejdeby (Sweden)

IEC/CO: Mr. Matei Cocimarov

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Mr.	Hankui	Ke	China
Mr.	Henrik	Baslev	Denmark
Mr.	Kim	Fabricius	Denmark
Mr.	Arto	Sirviö	Finland (Chairman SC 3C)
Mr.	Joseph	Briant	France
Mr.	Hans	Brückner	Germany (Chairman TC 3)
Mr.	Reinhard	Nerke	Germany (Secretary SC 3D)
Mrs.	Gabriela	Fleischer	Germany
Mr.	Fritz	Reuter	Germany
Mr.	Leo	Stuehler	Germany
Mr.	Hiroshi	Murayama	Japan (Chairman SC 3D)
Prof.	Hiroaki	Ikeda	Japan (Assistant Secretary SC 3C)
Mr.	Yoshikazu	Seki	Japan (Secretary SC 3C)
Mr.	Sumio	Araki	Japan
Mr.	Yoshinari	Horimoto	Japan
Mr.	Akira	Hosokawa	Japan
Mr.	John	Mackin	Japan
Mr.	Noboru	Takao	Japan
Mr.	Addie	Dijkstra	Netherlands
Mr.	Eirik	Selvik	Norway
Mr.	Sven-Anders	Lejdeby	Sweden (Secretary TC 3)
Mr.	Anders	Nilsson	Sweden
Mr.	Per-Åke	Svensson	Sweden
Mr.	John	Perry	United Kingdom

Czech Republic participated by correspondence

Number of participants: 25, representing 11 National committees

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## **1. Opening of meeting**

The Chairman of TC 3 Hans Brückner opened the meeting

## **2. Approval of the agenda, document 3/1105/DA**

The secretary presented the latest version of the draft agenda for the plenary meeting including links to all reference documents and made clear that the actual items in the agenda correspond to the draft agenda, 3/1105/DA, dated 2012-06-01. The agenda was approved.

It was noted that the Czech NC has sent a written report to the meeting, see 3(Oslo/CZ)07. The Czech NC will be noted as participating by correspondence

## **3. Note the approval of the minutes from the previous meeting of TC 3 in Helsinki 2011-10-06, document 3/1085/RM**

The report from TC 3 plenary meeting in Helsinki was presented. It was noted that 3/1085/RM has been circulated without comments. The report is automatically approved.

## **4. Information from the IEC Central Office, document TC3- IEC News**

IEC Central office was represented in the meeting by TC 3 technical officer Mr. Matei Cocimarov. Also noted that Mr. Jan-Henrik Tiedemann from IEC CO participated in the TC 3 workshop held the day before the plenary meeting

Mr. Cocimarov informed about news from Central Office and SMB, e.g. including:

- New edition 9 of ISO/IEC directives part 1 and supplements
- Voting period for CDV is changed to 3 month (with 5 month as an exception)
- Draft CDV (English) will be available for National committees for translation to national language, if required
- Change of P to O membership due to lack of participation in committee work
- Marketing strategy board
- Web tools, IT support and information about TISS (as presented at the workshop)
- Testing of the new IEC homepage with improved navigation (as presented at the workshop)

## **5. Report from the Chairman of TC 3**

The Chairman Mr. Hans Brückner informed that TC 16 has been closed and the work of TC 16 will be taken over by TC 3 (see also item 26).

The Chairman notified that four persons related to TC 3 received the 1906 award for 2012 and congratulated Dr. Gabriela Fleischer, Mr. Naoki Tokuda, Mr. Sven Garnæs Ring and Ms. Lan Wang to the award.

## **6. Report from the co-ordination meetings with TC 3 Officers in Geneva 2012-04-26--27, document 3(Geneva/Secretariat)14**

The report from TC 3 co-ordination meeting in Geneva was presented and accepted without comments.

## **7. Report from the Secretary of TC 3, including actions taken as a result of the minutes from the meeting in Helsinki and the later co-ordination meeting, document 3/1109/INF**

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

The numbering system of the projects and maintenance teams were discussed. Mr. Fritz Reuter proposed that all PTs and MTs using the elder system of counting numbers shall be changed to

the principle of using the project number also for the number of PT/MT. It was noted that a PT/MT may be responsible for more than one project/standard but the proposed principle can be applied in most cases.

The proposal to change the PT/MT-numbers in such cases when the task of the PT/MT corresponds directly to one project was accepted.

**Decision 1 :** TC 3 decided at its meeting in Oslo that the Secretary shall arrange with CO to change the numbering system of TC 3 PTs and MTs to have the same number as the project connected to the team if applicable.

## **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 3/1111/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 3/1112/INF**

The report was accepted as written.

The procedure of the validation team was discussed. It was noted that information about evaluation and voting not always reached the right persons in the national committees. As noted from the report is the activity in VT60617 acceptable, but the participation in validation teams in general needs to be improved.

It was decided that the procedures related to all databases should be considered by an ad hoc team that will propose improvements to the process. Report to be presented to the next TC 3 meeting, or preferably until next TC 3 coordination meeting (see Decision 18 : and principles of validation of change requests to CDD under item 25).

### **8.3. Report from the Maintenance Team for IEC 60617, document 3/1120/INF**

The Convenor, Mr. Arto Sirviö, reported from MT 60617 and notified the proposal of some minor improvements to the data base. The proposals will be addressed to CO.

MT 60617 has under the year also discussed a more comprehensive rearrangement of the database, see item 8.4.

**Decision 2 :** TC 3 decided at its meeting in Oslo that the Secretary and Arto Sirviö shall discuss with CO how to prepare the proposed improvements to IEC 60617 DB.

### **8.4. To consider the proposal from MT 60617 of rearrangement of IEC 60617 into a part containing basic symbols and another part containing approved combinations of the basic symbols**

The Convenor presented the proposal from MT 60617 to rearrange the standard IEC 60617 into three parts: Rules, Basic symbols and example of symbols for application. Mr. Brückner presented an idea of how search functions and general understanding of 60617DB could be improved. The proposal includes organisation of symbols in accordance with the former paper based additions of IEC 60617. These two proposals were presented first and discussed in the workshop held the day before the plenary meeting (see Annex C).

Mr. Svensson and Mr. Selvik reminded that the previous idea with the standard is that the database shall focus on the defined concepts and secondly show the symbol that correspond to the concept instead of focusing on the symbols as free standing objects. The present content of the database shall not be changed (i.e. reduced) because it has been referenced quite a lot from other standards and from applications in industry.

The conclusion of the discussion is that MT 60617 shall try to improve the existing data base in line with the proposals from Mr. Brückner but also reconsider the proposal of MT 60617 to make the improvements in such way that it does not exclude existing standardized symbols or change the basic concept of the standard. This might include also the definition of additional classifications of the symbols.

The task of PT 38 was discussed. PT 38 is now on hold but the meaning of the meeting was that PT 38 can be closed and its tasks and members can be merged to MT 60617.

**Decision 3 :** TC 3 decided at its meeting in Oslo that MT 60617 shall continue the task to improve the existing data base in line with the proposals at the plenary meeting and if required propose a more useful classification of the concepts and symbols.

**Decision 4 :** TC 3 decided at its meeting in Oslo that PT 38 will be closed and the tasks of PT 38 will be taken over by MT 60617

**Decision 5 :** TC 3 decided at its meeting in Oslo that MT 60617 shall investigate guidelines how to develop family of symbols in consistent way

**Decision 6 :** TC 3 decided at its meeting in Oslo that MT 60617 shall report the result of the work with improvements of IEC 60617DB to NCs on a regular base

## **9. 81714 series Design of graphical symbols for use in the technical documentation of products**

### **9.1. To consider the Report from the Convenor of MT 22**

The Convenor, Mr. Fritz Reuter, reported that the 81714 series include some stable standards, which are not in the process for editing at the moment.

## **10. IEC 60848 GRAFCET specification language for sequential function charts**

### **10.1. To consider the Report from the Convenor of MT 33**

The Convenor, Mr. Lejdeby, presented the report from MT 33 and notified that a FDIS of IEC 60848 Ed. 3 is under preparation by CO.

## **11. IEC 62744 Dynamic representation of graphical symbols**

### **11.1. To consider the Report from the Convenor of PT 62744, document 3/1123/INF**

The Project leader, Mr. Lejdeby, presented the report from PT 62744 and notified that a CD has been circulated with closing the same day as the plenary meeting.

## **12. IEC 61082 Preparation of documents used in electrotechnology**

### **12.1. Report from the Convenor of MT 16**

The Convenor, Mr. Hans Brückner, reported that a CD of IEC 61082 Ed. 3 has been circulated including minor changes as noted in the review report. Closing of the CD was 2012-10-12.

## **13. IEC 61175 Designation of signals**

### **13.1. Report from MT 17, document 3/1125/INF.**

The Convenor, Mr. Lejdeby, presented the report from MT 17 and notified that a CD of IEC 61175 Ed. 3 has been circulated with closing 2012-10-12

Mr. Reuter commented that the definition of “physical” contra “logical signal” needs to be further discussed. Mr. Svensson proposed that the denomination “Signal information object” should be introduced to better describe that the signal name represents the information and not the physical connection.

Mr. Reuter also said, in advance of the comments to be received on the draft, that the clause dealing with IEC 61850-communication has so far no real interface to “signal designation” and proposed that this interface should be better described.

The Convenor indicated that these ideas will be considered and that MT17 will have a physical meeting shortly after the plenary meeting.

**Decision 7 :** TC 3 decided at its meeting in Oslo to ask the Convenor to arrange extend the invitation to the next MT 17 meeting to include Mr. Reuter (Speaker of DE mirror committee) and Mr. Svensson (Chairman of SE mirror committee), due to the comments received from these committees.

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

### **14.1. Report from the Convener of MT 18.**

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

### **14.2. Status of work in ISO TC 10/SC 10 regarding ISO/TS 81346-3**

The relationship between the first parts of the 81346 series and the proposed parts from ISO was discussed. It was unanimously agreed by all NCs that it is important that all parts of the series are in accordance with the first and second parts as these are intended to be the basic parts. These basic parts shall be considered as independent of the organisation where other parts are being managed.

It was also noted that the process of developing and voting on standards in IEC and ISO does not solve the discussed problem. See item 14.3

### **14.3. To consider the proposal from TC 3 plenary meeting in Helsinki of joint working group between ISO TC 10 and IEC TC 3 for preparation and maintenance of all part of the 81346 series.**

The answer from ISO/TC 10 to IEC/TC 3 letter regarding joint work in the preparation of new parts in the 81346-series was discussed. The answer from ISO/TC 10 is correct according to the ISO/IEC directives and TC 3 accepts the statement that ISO will be responsible to prepare their own parts. TC 3 however requests that the quality of the 81346-series is granted, i.e. that parts 1 and 2 are accepted as common basis and no further parts shall contain contradictory rules to that basis. Therefore a good coordination between IEC TC 3 and ISO TC 10/SC 10 is required.

It was also stated that parts 1 and 2 have in IEC the status of being horizontal standards. Such status however does not exist within ISO. Therefore ISO TC 10 should be asked to find a corresponding method in ISO (e.g. introducing parts 1 and 2 to the ISO list of basic standards) for providing the same status (as a horizontal standard) also within ISO. Mr. Henrik Baslev proposed that an answer to ISO/TC 10 including a more detailed information about the case shall be prepared.

Mr. Eirik Selvik will act as liaison officer to ISO/TC 10/SC 10 and was entrusted to manage the initial steps for the required coordination.

The meeting decided that IEC TC 3 shall invite ISO/TC 10/SC 10 officers to a meeting with the main purpose to set up the procedures for coordination of the future standardization work.

It was proposed that we shall write a question of principle to IEC SMB regarding statement of harmonization in such common ISO/IEC-series.

**Decision 8 :** TC 3 decided at its meeting in Oslo to nominate Mr. Eirik Selvik as liaison officer to ISO/TC 10/SC 10

**Decision 9 :** TC 3 decided at its meeting in Oslo that IEC TC 3 shall invite ISO/TC 10/SC 10 officers to a meeting with the main purpose to set up the procedures for coordination of the future standardization work. A letter to ISO/TC 10 shall be prepared

**Decision 10 :** TC 3 decided at its meeting in Oslo that TC 3 shall write a question of principle to IEC SMB regarding statement of harmonization in such common ISO/IEC-series

## **15. IEC 61355 Ed. 2 Classification and designation of documents for plants, systems and equipment**

### **15.1. Report from the Convener of MT 19**

The Convener, Mr. Hans Brückner, mentioned that he got knowledge of a list of document kinds defined by TC 65. He proposed that TC 3 shall include these document kinds in IEC 61355DB. Additionally TC 65 has attached a number of examples of documents (as images). The convener explained that examples can, in principal, be introduced in the database but it could lead to the misunderstanding that the examples describe the exact and stipulated form of presentation of a document kind, which cannot be the case. Therefore, if required, an adequate classification or description of the examples needs to be provided. It was also stated that the title of each figure should start with : "Example of..." in order to avoid any misunderstanding.



Mr. Henrik Baslev repeated an elder request from DK NC that IEC 61355 should be proposed to be converted to an 80000-series standard. ISO had at an earlier stage not responded positively on a common standard series regarding document kinds.

**Decision 11 :** TC 3 decided at its meeting in Oslo that MT 19 shall propose how the additional document kinds defined by TC 65, with example images, can be introduced in IEC 61355DB

**Decision 12 :** TC 3 decided at its meeting in Oslo that TC 3 again shall express their openness for a common standard series for classification and designation of document kinds. The liaison officer shall, supported by the Convenor of MT 19 and the DK NC, write a letter to ISO/TC 10 with a new approach for a joint standard.

## **16. IEC 62023 Structuring of technical information and documentation and IEC 62027 Preparation of parts lists**

### **16.1. Consideration of the report from the Convenor of MT 20, document 3/1129/INF**

The Convenor, Mr. Per-Åke Svensson, presented the report, which was accepted as written. It was also noted that the title of IEC 62027 shall be "Preparation of object lists including parts list"

The Convenor reminded that a new Convenor for MT 20 is required.

**Decision 13 :** TC 3 decided at its meeting in Oslo to ask the Secretary to circulate a call for a new Convenor to MT 20 and to arrange the correction of the title of the team.

## **17. IEC 82079-1 Preparation of instructions for use - Structuring, content and presentation**

### **17.1. Consideration of the report from the Convenors of MT 21, Document 3(Oslo/MT21)04**

One of the Convenors, Dr. Gabriela Fleischer, reported that the work has been finalized and the standard has been published

Dr. Fleischer also presented some planning for further development of the standard, see the presentation, 3(Oslo/MT21)04. The planning of next step was discussed. Following was noted:

1. It was noted in the publication of the standard that the standard was not published by IEC as Horizontal Standard as requested. Also it was noted that the standard contains references to ISO guides which do not exist. The Secretary was requested to discuss with IEC CO if this can be modified by a corrigendum.
2. To ask ISO/TC 10 if it will be possible to request ISO/TMB to add IEC 82079-1 in the list of "ISO basic reference works"
3. A Task Force composed of members of ISO/TC 10 and IEC/TC 3 should be established, with the task of identifying future proposed work, setting up a road map and proposing priorities. Apart of persons from MT 21 the Task Force should include also other persons outside of MT21.
4. A document including a questionnaire to the NCs regarding proposal of new work in this area shall be prepared by the Task Force
5. Any further part of the 82079 series, independent of the managing organisation, shall be proposed as a new project by new work item proposals to both IEC and ISO
6. Any new part shall be consistent and not contradictory with Part 1.

**Decision 14 :** TC 3 decided at its meeting in Oslo that the Secretary shall ask CO how the status of horizontal standard can be notified in IEC 82079-1

**Decision 15 :** TC3 decided at its meeting in Oslo to ask the Secretary to contact ISO TC10 with a proposal to establish a Task Force for planning of the future work of the 82079 series of standards

**Decision 16 :** TC 3 decided at its meeting in Oslo to ask MT 21 to prepare a document for Comments (DC) to the NCs regarding future new work. Each proposal shall be associated with proper information to allow NCs evaluation of the proposed new work. The proposals shall be coordinated with the work of the Task Force.

## **18. IEC/PAS 62515: Requirements concerning the interoperability between electromechanical and electrical applications in CAX-systems**

### **18.1. Consideration of the report from PT 40, Document 3/1121/INF**

The Project leader, Mr. Fritz Reuter presented the report from PT 40 and especially mentioned how the work affected other committees, especially SC 65E and SC 17B, but also noted the good support given by these committees.

## **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.

## **21. IEC 62507 Ed. 1 Rules for identification systems**

### **21.1. Consideration of the report from PT 39 Basic rules for identification systems, document 3/1127/INF**

The Project Leader, Mr. Per-Åke Svensson, presented the report and also mentioned that TC 3 should discuss the intention of PT 39 and also call for a new Project leader.

The Project leader proposed that part 2 of IEC 62507 could be postponed until a new Project leader for PT 39 has been nominated.

**Decision 17 :** TC 3 decided at its meeting in Oslo to ask the Secretary to call for a new Project leader to PT 39.

## **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 3/1122/INF**

The Project leader, Mr. Fritz Reuter, presented the report, which was accepted as written.

Mr. Reuter mentioned that part 2 of IEC 62569 will be prepared after he finalized the work with IEC 62505 but data element types related to the standard are already specified and introduced to IEC CDD.

## **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 3/1128/INF**

The Project leader, Mr. Per-Åke Svensson, presented the report, which was accepted as written

## **24. Report from the Chairman of SC 3C - Graphical symbols for use on equipment - and relevant decisions, See Annex A [Document 3(Oslo/SC 3C)08]**

The Chairman, Mr. Arto Sirviö presented the report from the SC3C plenary meeting.

During the past year has 31 new CRs been added to IEC 60417 and 76 graphical symbols for use on equipment has been added or modified.

It was also noted that the Spanish NC has been changed to O-member.

SC 3C has checked liaisons with other committees and the Secretary will update the list liaisons including liaison officers, Document 3C/1811/INF.

## **25. Report from the Chairman of SC 3D - Data sets for libraries - and relevant decisions, See Annex B [Document 3(Oslo/SC 3D)10]**

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

The membership of SC 3D has been unchanged since last plenary meeting, with 18 P-members and 9 O-members.

The NCs participation in working groups and 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 situation was reported in TC 3 plenary 2011, as well, but no improvement has been noted.

**Decision 18 :** TC 3 decided at its meeting in Oslo that a Task Force shall be established with the purpose to investigate how the NCs participation in the activities of the validation teams of standards in data base form can be improved. The members of the Task Force shall be Mr. Addie Dijkstra; Mr. Hiroshi Murayama; Mr. Reinhard Nerke; Mr. Hans Brueckner; Mr. Sven-Anders Lejdeby; Mr. Arto Sirviö; Mr. Fritz Reuter; Mr. Per-Åke Svensson. The result will be discussed with CO and reported to all P-members.

## **26. Consideration of proposal to close down TC 16 and move projects to TC 3**

The Chairman of TC 16, Mr. Eirik Selvik reported that TC 16 has been closed in accordance with a decision by SMB. The task of TC 16 will be moved to TC 3.

TC 16 has at the moment six publications. One of the standards is in the process to be updated but the work has been postponed.

The Chairman and the Secretary get the task to coordinate the work together with Mr. Selvik. This includes the possible changes of the title of IEC TC 3 and its scope, as well as considerations for a revised SBP and PW (see also Items 31 and 32)

**Decision 19 :** TC 3 decided at its meeting in Oslo to ask the Secretary supported by Mr. Selvik and the Chairman to arrange necessary changes of TC 3 Scope, name and programme, etc due to the incorporated task of TC 16.

## **27. Consideration of future use and contents of TC 3 web site**

The Secretary presented a proposal of new appearance of the TC 3 web site, see document 3WS(Oslo/Secretary)3. The proposal was accepted.

**Decision 20 :** TC 3 decided at its meeting in Oslo to ask the Secretary, supported by Mr. Svensson, to prepare the changes of TC 3 web site.

## **28. To receive a report on activities related to the Memorandum of Understanding (MoU) between IEC, ISO, UN/ECE**

No reports were available

## **29. Review of the P- and O- membership of the committee, document 3/1110/INF**

TC 3 has 20 P-members and 11 O-members. The participation in working groups is mainly concentrated on a few P-members. Nearly half of the P-members have no participants in PTs or MTs.

Participation in voting is good with an average of more than 90%. However, it was noted that two countries have abstained from voting in nearly all of the cases.

## **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 and proposal of new Liaison officers, document 3(Oslo/Secretariat)03**

The Secretary presented a report of active and deactivated liaisons with other committees.

The report was accepted but it was recommended also to close the liaison with: TC 8, TC 111 and ISO/IEC JTC 1/SC 25

**Decision 21** : TC 3 decided at its meeting in Oslo to ask the Secretary to arrange with CO that the list of liaisons and liaisons officers will be corrected to correspond with the report and additional recommendation by the plenary meeting

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

No report, but see item 26

**30.3. IEC TC 44 Safety of machinery - Electrotechnical aspects, document 3(Oslo/TC44)06**

No comments to the report

**30.4. IEC TC 65 Industrial-process measurement and control**

No report available

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

No report available

**30.6. ISO TC 10 Technical product documentation**

No report available

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

No report available.

**30.8. IEC TC 17/SC17B Low-voltage switchgear and controlgear, document 3/1123/INF**

No comments to the report

**30.9. 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 3/1113/PW**

The Secretary presented the draft of program of work received from CO. The items were shortly discussed. The Chairman and the Secretary get the task to finalize the report to CO and SMB in accordance to the discussions

**32. To consider proposed changes to TC 3 Strategic Business plan, document SMB/4699/R**

**32.1. Reported proposals from National Committees regarding changes to SBP**

No comments to SBP was available

TC 3 SPB will be coordinated with the SBP of TC 16

**33. Notes and considerations of marketing efforts**

**33.1. Reports from the National Committees**

No reports received

### **34. Date and place of next meetings**

#### **34.1. Plenary meeting 2013**

TC 3 has presented its interest of participation in IEC General meeting in New Delhi but not received any answer from the Indian NC. Based on non-official information TC 3 cannot expect to be invited to the General meeting in 2013.

The Czech NC has preliminary invited TC 3 to hold the plenary meeting in Prague. Presumed no invitation from India will arrive, the invitation from CZ NC is gratefully accepted. It was proposed to hold the plenary meetings in the week 7-11 of October 2013.

**Decision 22 :** TC 3 decided at its meeting in Oslo to ask the Chairman and the Secretary to inform CZ NC that TC 3 gratefully will accept an invitation and inform about the preferred date for next Plenary meeting

#### **34.2. Preliminary invitation to GM in Tokyo 2014**

TC 3 expects an invitation from Japanese NC to IEC General meeting in Tokyo 2014.

### **35. Other business**

No other business reported

### **36. Close of the meeting**

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

The Chairman then closed the meeting.

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**Annex A**  
**Report from the Chairman of SC 3C**

**Decisions taken in SC 3C plenary meeting in Oslo during 3rd of October 2012 including results since the last meeting in Helsinki.**

**A.1 Participants at SC 3C meeting in Oslo**

11 delegates from five P-member countries out of 16 and no delegates from O-member countries out of 12 presented in addition to Chairman of SC 3C, Secretary of SC 3C, Assistant secretary of SC 3C, Chairman of TC 3, Secretary of TC 3 and liaison officers from TC 61, SC61H, TC 82, TC 96.

Apologies was received from CZ and DE delegates of SC 3C

**A.2 SC 3C organization**

SC 3C noted following changes in organization:

- status of Spain has changed from P-member to O-member.

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

As the result of work by the VT 60417, 76 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**

Six P-members out of 16 had nominated delegates in VT 60417.

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

Item	Description	Documents
6.1	<p><b>General report including actions taken on the decisions in the last meeting</b></p> <p>SC 3C noted report from secretariat. No pending issues from previous SC 3C meeting held in Helsinki 2011.</p> <p>Report was accepted.</p>	3C/1816A/INF
6.2	<p><b>Report on actions taken on recommendations of PT 45 in the past year</b></p> <p>SC 3C noted report from secretariat.</p> <p>SC 3C noted SMB decision to merge TC 16 to TC 3 and transfer maintenance task of TC 16 standards to TC 3.</p> <p>SC 3C in Oslo noted PT 45 document number 33 regarding SC 34A graphical symbol for "luminaire protective earth terminal" and standardized graphical symbol "IEC 60417-6165: Regulated load" these graphical symbols for use on equipment terminals may also interest parent committee TC 3 (IEC 60445 is basic safety standard, including graphical symbols for terminal marking).</p> <p>Report was accepted.</p>	3C/1825/INF

6.3	<p><b>Report from VT 60417 on IEC 60417 regarding Change Requests and graphical symbols in the past year</b></p> <p>SC 3C noted report from secretariat.</p> <p>SC 3C discuss how to find relevant committees interest of graphical symbols proposals (on new CRs). There was no ultimate solution how to find relevant committees. Secretariat try use best available knowledge to identify relevant committees.</p> <p>Report was accepted.</p>	3C/1813/INF
6.4	<p><b>Report on status of multilingual version of IEC 60417</b></p> <p>Hiroaki Ikeda reported that an updated version of JP language variant of IEC 60417 was about to be submitted to IEC CO to be included multilingual database of graphical symbols for use on equipment.</p>	
A.7	<p><b>To receive and discuss reports of WG, PT and MT</b></p>	
7.1	<p><b>Report from JWG 11 with ISO TC 145/SC 3 (Convenor: Ikeda)</b></p> <p>JWG11 had no activities during past year.</p> <p>It was noted that the Japanese National Committee nominated Mr MICHIIHIRO NAKAHARA as a new member and withdrew Mr. Yuji Nakamura.</p> <p>Report was accepted.</p>	3C/1805/INF
7.2	<p><b>Report from PT 62648 (PL: Ikeda)</b></p> <p>SC 3C noted report of PT 62648. Project was completed and IEC 62648 Ed. 1.0, Graphical symbols for use on equipment – Guidelines for the inclusion of graphical symbols in IEC publications was published in June 2012 as one of Horizontal Standards.</p> <p>Report was accepted.</p> <p><b>DECISION 1:</b> SC 3C in Oslo decided to change PT 62648 to be MT 62648</p>	3C/1804/INF
7.3	<p><b>Report from PT 45 on project PWI 3C-1 (PL: Ikeda)</b></p> <p>SC 3C noted report from PT 45.</p> <p>Report was accepted.</p> <p><b>DECISION 2:</b> SC 3C in Oslo decided to ask Secretary to update a status of PWI 3C-1 once in year to comply requirement of the Administrative Circular AC/12/2012 regarding the use of PWI.</p>	3C/1815/INF
7.4	<p><b>Report from MT 60417 (Convenor: Ikeda)</b></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

<p><b>A.8</b></p>	<p><b>To discuss Compilation of Comments on CD for IEC 60417-6156: Pb-free</b></p> <p>SC 3C noted situation of this project that depends on the status of corresponding project of TC 91.</p> <p>SC 3C secretary and assistance secretary will attend to TC 91 meeting to held in Fukuoka and to discuss with TC 91/WG2 experts how to find commonly acceptable solution for graphical symbol for Pb-free.</p> <p><b>DECISION 3:</b> SC3C in Oslo decided to ask Secretary and Assistant Secretary to attend TC 91/WG 2 meeting that will be held in Fukuoka 16 Oct to co-ordinate Pb-free issue.</p>	<p>3C/1788/CC 3C/1775/CD</p>
<p><b>A.9</b></p>	<p><b>To receive report on NC specific activities, if any</b></p> <p>SC 3C noted JP NC prepared full IEC 60417 in Japanese.</p>	
<p><b>A.10</b></p>	<p><b>Update the Program of Work of SC 3C as recorded by IEC Central Office</b></p> <p>SC 3C ask secretary to coordinate with SC 3C Technical Officer to provide revised PoW to IEC Central Office.</p> <p><b>DECISION 4:</b> SC 3C in Oslo decided ask SC 3C secretary to update information of SC 3C program of work.</p>	<p>3C/1704/PW</p>
<p><b>A.11</b></p>	<p><b>Review Maintenance Cycles</b></p> <p>SC 3C noted stability dates of SC 3C publications:</p> <ul style="list-style-type: none"> <li>- IEC/TR 62687 Ed. 1.0 (2011) (SD:2015)</li> <li>- IEC 62648 Ed. 1.0 (2012) (SD:2015), PT 62648</li> <li>- IEC 80416-1 Ed. 2.0 (2008) (SD:2017), JWG 11</li> <li>- IEC 80416-3 Ed. 1.1 (2011) (SD:2017), JWG 11</li> </ul> <p>Next year SC 3C would consider to set up MT 62687 to revise TR 62687.</p>	
<p><b>A.12</b></p>	<p><b>Review liaisons</b></p> <p>It was reported that TC101 liaison to SC 3C is Mr. Kevin Duncan, and Liaison from SC3C is Mr. Arto Sirviö.</p> <p>It was noted that Mr. Koizumi has retired from TC 91 liaison to SC 3C.</p> <p>As a result of discussion with TC 61 liaison office, the graphical symbols from TC 61 such as "Do not fold or rucked," "Do not insert pins," will be proposed to ISO/TC 145/SC 2 as safety signs. IEC 60417-C00249 applied to Pr11-046, Pr11-047 would be withdrawn.</p> <p>As a result of discussion with TC 82 liaison officer, TC 82 consider to provide improved description for graphical symbol IEC 60417-6070 "Do not disconnect under load" and discuss in TC 82 level how "Do not disconnect under load" is used in TC 82 publications.</p> <p>SC 3C Officers reported that they received an invitation from SC 23B to participate SC 23B plenary meeting in Oslo to discuss how to coordinate within SC 3C, SC 23B and SC 34A on lamp symbols related to luminaires and dimmers (to identify the type of loads).</p> <p><b>DECISION 5:</b> SC 3C in Oslo decided to withdraw IEC 60417-C00249 in agreement with TC 61.</p>	<p>3C/1811/INF 3C/1799/DC 3C/1817/INF 3C/1821/INF 3C/1822/DC 3C/1823/INF 3C/1824/DC 3C(Oslo/ISO) 3C(Oslo/Sec) 3C(Oslo/Sec)</p>



	<p><b>DECISION 6:</b> SC 3C in Oslo decided to ask SC 3C secretary to update document 3C/1811/INF list liaisons including liaison officers.</p> <p><b>DECISION 7:</b> SC 3C in Oslo decided to ask SC 3C secretariat to draft proposal for graphical symbol for “impulse generating unit” to meet the need of SC 61H.</p>	
<b>A.13</b>	<p><b>Review the Strategic Business Plan</b></p> <p>SC 3C noted parent committee SBP including parts for SC 3C and SC 3D. There was no proposal for change of SBP, but one editorial change is needed (Annex J → Annex SL).</p>	SMB/4191/R
<b>A.14.</b>	<b>Any other business</b>	
<b>14.1</b>	SC 3C noted TC 3 workshop topic “implementing language variants for IEC database standards”.	
<b>A.15</b>	<p><b>Date and place of the next meeting</b></p> <p><b>DECISION 8:</b> SC 3C in Oslo decided to hold 2013 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**

**Chairman: Mr. Hiroshi Murayama (Japan)**

**Secretary: Mr. Reinhard Nerke (Germany)**

**Participants:**

Chair TC3	Hans Brückner	Germany
Secretary TC3	Sven Anders Lejdeby	Sweden
Chair SC3D	Hiroshi Murayama	Japan
Secretary SC3D	Reinhard Nerke	Germany
Chair SC3C	Arto Sirviö	Finland
	Joseph Briant (elected Chair SC65E)	France
	Per Ake Svensson	Sweden
	Fritz Reuter	Germany
	Leo Stuehler	Germany
	Addie Dijkstra	Netherlands
	Tim Farnham	United Kingdom
	John Mackin	Japan
	Akira Hosokawa	Japan
	Matei Cocimarov	IEC CO

**B.1 Approval of the agenda**

The agenda was confirmed with a slight modification:

Discussion on the next meeting place is added.

It is confirmed that the liaison status will be treated within membership item.

**B.2 Confirmation of the minutes of the meeting held in Helsinki**

The minutes of the Helsinki meeting was accepted..

**B.3 Information from IEC Central Office**

Matei Cocimarov was kindly present during the SC3D plenary, Instead of giving a consolidated presentation in SC 3D, he gave information as it becomes necessary in the course of the plenary session. (Consolidated presentation will be given in TC3 plenary)

He also noted; SC3D is a pioneer in using IEC Database (DB procedure for revising the content of an International standard. The issues raised in relationship to the required number of P-members in a validation stage voting may be a common issue and interest to all other TCs/SCs that use or planning to use the DB procedure.

IEC Editor is in general willing to help improve the quality of definitions contained in a Change Request to be uploaded into the IEC CDD as IS publication.  
(See also the Oslo resolution)

#### **B.4 SC3D membership and liaison status**

No change since the last plenary in Helsinki:

**P-members:** total 18:

Austria, China, Germany, Spain, Finland, France, United Kingdom, Hungary, Italy, Japan, Republic of Korea, Netherlands, Pakistan, Portugal, Romania, Serbia, Russian Federation, Sweden

**O-members:** total 9

Belgium, Bulgaria, Czech Republic, Denmark, India, Malaysia, Norway, Turkey, Ukraine

#### **Formal Liaisons:**

Internal Liaison:

- TC 47(Leo Stuehler), SC 65<sup>E</sup>(Udo Doebrich), ISO/IEC JTC 1/SC 32(vacant),
- TC111( Eric Simon(US) from TC111, Hiroshi Murayama from SC3D )
- Liaison with TC57 was confirmed by TC57 in May 2012, and H. Murayama was assigned as liaison officer
- Liaison with ISO/IEC JTC1/SC32 has not been assigned a Liaison officer, SC3D chair requests a willing expert to assume the task.
- Liaison with TC93 was dissolved, due to the disbanding of TC93.

ISO Liaison:

- ISO/T184/SC 4 ( Liaison from SC3D, Reinhard Nerke, Hiroshi Murayama )

D Liaison to SC3D/WG2:

- eCI@ss e.V. (Lingnau as liaison officer)

It is requested that as agreed in a previous meeting, the representative of D liaison be present in the SC3D/WG2 meeting at least once a year to give a report about the activities within the organization in charge.

SC3D Chair noted that for supporting the IEC DB procedure, it is imperative that more NCs be involved in the IEC CDD procedure. He suggested that possible candidates to become P-members at next stage be India and Turkey among the present O-members. He requests the members who know a person who may influence the NC of those nations to become P-members should inform the SC3D chairman and secretary.

#### **B.5 Review on SC3D Scope and Strategic Business Plan(SBP)**

Since there is no change in the SBP, no discussion was planned and neither made.

#### **B.6 Review of the SC3D action item**

With respect to the ad hoc group to draw a “big picture”, see B.9,

#### **B.7 Wrap up of WG results**

Major achievement since Helsinki:

IEC 61360-2: Ed,3 was published on Oct 2, 2012 as IS

Project IEC 62656-2: DTS published project IEC 62656-3: CD published

IEC TS 62720: TS document ready, currently subject to French translation

An NP for making Quality Guide as TS was launched.

Major activities for standardization in the future:

Internal liaison with TC57 was confirmed by TC57 and established in May.

Preparation for the IEC62656 part extension has been actively going on:

They will come up as NPs within few months after Oslo. One for interface for substation automation devices. Another for describing (engineering) activities as ontology

Mr. Reinhard Nerke as convenor of SC3D/WG2 gave a summary of the WG2 standards and launched project as in the following table.

Publication of IEC61360-2 was confirmed in the middle of the meeting. Target date for the next stage with respect to IEC62656-3 was updated. The new date has been incorporated in the table below.

Project	Ed	Title	Document No	Status	Remark
IEC 61360-1	3	Definitions – Principles and methods		IS	to be maintained
IEC 61360-2	3	EXPRESS dictionary schema	3D/196/FDIS	IS	Published Oct.02,2012
IEC 61360-5	1	Extensions to the EXPRESS dictionary schema		IS	maintenance work started for creating Ed.2
		IEC CDD Quality guide	3D/203/NP	NP vote	closing date: 2012-10-19 "IEC61360-3" is suggested for its Standard number.
IEC 62656-1	1	Logical structure for data parcels	3D/191/CDV	CDV agreed unanimously	IS in work (not yet at CO)
IEC 62656-2	1	Implementation guide for parcel interchange with IEC CDD	3D/202/DTS	DTS agreed unanimously	final comment solutions in work
IEC 62656-3	1	Parcel Interface for Common Information Model	3D/198/CD		CDV in preparation The target date for the next stage (CDV) was updated to 2012-12.
IEC 62720	1	Identification of units of measurement	3D/201/DTS	DTS agreed unanimously	TS document under French translation
		IEC CDD Quality guide	3D/203/NP	NP vote	closing date: 2012-10-19

**Change requests. Summarized in the following tables:**

CR	Subject	Status
20	Environmental data	for evaluation
21	Converted into --> CR 28, CR 29	withdrawn
22	Identification properties	resolved
23	Editorial rework of property texts	resolved
24	Editorial rework of class definitions as decided in Frankfurt (2009) and Yokohama (2010).	resolved
25	Introduce buzzers, sounders, oscillators, etc.	Evaluation finished
26	Editorial Rework of class definitions as decided in Frankfurt (2009) and Yokohama (2010)	resolved
27	Problems with syntax errors or usage of tab characters	resolved
28	Reallocation of geometric root class attributes	for evaluation
29	Reallocation of non-geometric root class attributes	submitted
30	Add missing elements of value lists and value terms	resolved

31	Reference designation	resolved
32	Material declaration	Validation finished Yet, harmonization needed with IEC62474 <sup>*1)</sup>
33	quartz crystal devices	for validation
35	Correct content of attribute "responsible committee"	resolved
36	signal designation	for evaluation
37	IGBTs and comparators	for evaluation
38	IP codes	for evaluation

(\*1 IEC 626474: Material Declaration for Products of and for the Electrotechnical Industry)

- **Necessity of refinement for IEC Database procedure operation**

In the process of validation for Change Request C00032, voting result was 2 for yes, 1 for no. This reached impasse, since IEC directive requires that validation vote in the database procedure was stipulated as the equivalent of FDIS stage of the (paper based) normal procedure. Consequently; More than 4, normally 5 P members are committed to the work, and For the successful of the validation vote;

- 1) More than 2/3 of the effective votes are positive
- 2) Less than 1/4 of the effective votes are negative

This means, if only 3 votes are cast, the criterion for the required commitment of the P members is questioned, and if one vote is negative among 3, the second condition automatically fails.

In the process of the issue, it was mentioned that the above problem may occur to any other TC/SCs that adopt the database procedure for updating the content of an International standard.

The basis of the issue is in the low level of participation in IEC CDD database procedure, and lack of domain experts to properly study and vote on a domain specific CR, among P members of SC3D.

It was pointed that for an NC to find relevant experts, creation of liaison at National Level should be encouraged probably at SMB level, when a CR that mandates expertise of other TCs/SCs is launched.

It is also pointed out that the same level of editorial quality check shall be applied with a help of IEC editor, to the content to be published on the IEC CDD after a CR is approved.

It is concluded that SC3D requests that TC3 establish a taskforce to improve the administration of DB procedure and the communication to NC at TC level. See the resolution 4.of resolution at Oslo.

Meanwhile, it was requested that SC3D Secretary arouse attention in voting, to secure enough number of P-member participation for avoiding the above problem.

- **Some foci of the technical discussion**

- Restriction of enumeration value list in a class

Other than the above issue, as part of technical discussion about the ways to restrict value list in an enumeration type property, it was desired that enumeration should be restricted independent of a property that adopts the enumeration type having the set of value lists. However, this will lead to a breakaway from the common data model shared with ISO TC184/SC4. Further investigation is needed to introduce the property independent enumeration specialization. In the meantime, it is agreed we stay with the present way of representation, and the said enumeration should be introduced in a way that would not damage the common data model. The issue will be revisited in Bristol meeting, February 2013.

- Representation of quantity and basic unit derived

In the course of discussion in WG2 about the unit dictionary, it was desired that the quantities

themselves be represented and their configuration be visible on the IEC CDD. It was also desired that SI basic derived unit representation corresponding to SI quantity be assigned a global ID. It was agreed that these issues will be addressed in a practical way, with the implementation of the unit dictionary in IEC CDD environment, step by step, and will be incorporated into the IEC 62720 when the current TS is revised or when a project starts to update it to an IS.

## **B.8 IEC 62656 ‘Standardized product ontology register and transfer by spreadsheets’**

See clause B.7.

## **B.9 Status of previous SC3D resolutions and drafting of new SC3D resolutions**

### ➤ **Regarding the resolutions at Helsinki**

***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 modeling languages.***

It was decided that the ad hoc group will be continued until the WG2 meeting at Bristol UK, scheduled to take place on 5<sup>th</sup> to 8<sup>th</sup> February 2013. Before the meeting, SC3D Secretary is requested to send a mail to TC91 Secretariat to confirm the situation about the projects that were initiated in the disbanded TC93 and intended to make a mapping between dictionaries that are not compliant with IEC61360 CDD dictionary content, neither with the data model of CDD.

### ➤ **New resolutions at Oslo**

Following new resolutions were decided at Oslo:

#### Resolution 1.

*SC3D is pleased to observe more and more TCs/SCs getting engaged in building and registering a set of technical concepts and characteristics described in an International standard or Technical Specification as content of a reference dictionary.*

*However, the final deliberation on the CR for the quality and integrity of the CR needs to be carried out within a VT framework of SC3D in collaboration with the TC/SC which prepared and submitted the CR.*

*To enable voting, all the member countries that want to cast a vote in the IEC CDD procedure need to be a P-member of SC3D.*

- *With the context given above, SC3D resolves, that;*
  - a) SC3D requests all the P-members of a TC/SC that submits a CR to become a P-member of SC3D;
  - b) SC3D requests that the SMB remind the NC of the above constraints with the DB procedure, and recommend P-member participation of all the NCs of a TC/SC that submits a CR in the TC/SC that hosts the DB procedure;
  - c) SC3D requests that necessary information about any new CR shall be communicated to IEC-CO and published as an official document of IEC CO, and make the information available to all the relevant TCs/SCs.

#### Resolution 2.

*SC3D is pleased to observe more and more TCs/SCs getting engaged in building and registering a set of technical concepts and characteristics described in an International standard or Technical Specification as content of a reference dictionary.*

*However, the final deliberation on the CR must guarantee the quality and integrity of the CR equivalent to an International Standard.*

*This requires that the IEC editor(s) must be involved in the final editorial validation of the proposed content of the CR.*

*Thus SC3D is lead to resolve that;*

SC3D request at least one IEC-editor of IEC -CO be involved in the validation process of the IEC DB procedure

### Resolution 3.

SC3D welcome a collaborative approach to review and rework definitions for transistors, diode devices, and integrated circuits.  
Representatives of JEITA/ECALS, and SC3D/ TC47 members of Japan, Netherlands, and Germany are welcome and should be included in the work.

### Resolution 4.

- Currently, the administration of IEC CDD is often hindered by;
- Lack of human resource & low level of participation, and the true refinement of the proposal in the database procedure is not likely to take place. Typical situation is that the proposer casts yes, only 1 or 2 other countries cast yes, or no votes.
- However, IEC Database procedure requires:
  - DB procedure be applied as equivalent of an International standard
  - More than 4 (normally 5) P-members' commitment, assigning an expert to the project
  - In particular the Validation stage as equivalent of FDIS stage requires
    - (1) More than 2/3 of effective votes are affirmative;
    - (2) Less than ¼ of effective votes are negative
- Thus, if only 3 P-members participate and 1 country casts negative vote, a CR shall automatically fail
- With the situation explained above;

It is resolved that;  
SC3D should request TC3 to establish a taskforce to improve the administration of DB procedure and the communication to NC at TC level.

### **B.10 National activity reports, if any, by head of delegation**

Nothing to report

### **B.11 Any other business**

Nothing to report.

### **B.12 Date and place of the future meetings**

- The next SC3D WG2 meeting will be held in Bristol, United Kingdom, from February 5 -8, 2013.
- The venue and date for the meeting after the Bristol was not decided. SC3D will decide by the Bristol meeting.
- The SC3D plenary will be held alongside the TC3 meeting to be held at Prague in autumn, 2013.

### **B.13 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 Norwegian 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
Information from IEC CO about supporting tools and discussion about the use of the them including information about the new appearance of TC 3 website	Jan-Henrik Tiedeman / Sven-Anders Lejdeby
Short information about the multilingual platform for the databases and how national variant of IEC 60617 DB can be realized	Hiroaki Ikeda
Information about the application of CDD in product standards and in industrial business.	Hiroshi Murayama / Reinhard Nerke
Information and discussion about the proposed split of IEC 60617 into different parts and introduction of the “Basic graphical symbols” including discussion about how to relate rules for the dynamic representation to the symbols	Arto Sirviö / Sven-Anders Lejdeby
Short report from ad-hoc TC 3 workshop on “Instruction for use”, IEC 82079	Hiroaki Ikeda

### C.2 Meeting documents, TC 3 workshop

Number	Titel	Link
3WS(Oslo/Secretary)1	Agenda TC 3 workshop	<a href="#">pdf</a>
3WS(Oslo/Secretary)2	List of participants in TC 3 workshop	<a href="#">pdf</a>
3WS(Oslo/Secretary)3	Presentation of proposed changes to the TC 3 web page	<a href="#">pdf</a>
3WS(Oslo/Japan)4	Short information about the multilingual platform for the databases and how national variant of IEC 60617 DB can be realized	<a href="#">pdf</a>
3WS(Oslo/Secretary)5	Presentation of proposed new concept of IEC 60617DB	<a href="#">pdf</a>
3WS(Oslo/Chairman)6	Chairman’s proposal of Improvements to IEC 60617DB	<a href="#">pdf</a>
TC3IEC News012	IEC News, TC 3 and SCs Meetings	<a href="#">pdf</a>

### C.3 Notes from the Workshop

#### C.3.1 Information from IEC CO about supporting tools

IEC Central office represented by Mr. Jan-Henrik Tiedemann presented news with regards to IEC central office support for committee work and general information. The presentation included information about:

- TISS
- supporting tools for IEC
- Webinars for training on line
- A simplified IEC homepage
- New My IEC

It was proposed in the meeting to get free access, by external people, to IEC Electropedia. Another proposal was to set up an “IEC face book”.

Mr. Sven-Anders Lejdeby shortly informed that a proposal for new appearance of TC 3 website has been prepared, but the presentation of the proposal was postponed to the plenary meeting, see item 27 and document 3WS(Oslo/Secretary)3.

### **C.3.2 Short information about the multilingual platform for the databases**

Prof. Hiroaki Ikeda gave a short presentation of how JP NC has created the Japanese language in the IEC 60617 data base and showed how it was introduced in Japan. He noted that the work has been running successful with excellent technical support by Mr. Alan Maislisch at CO but the biggest problem was related to the commercial part.

It was discussed how to reserve the rights of its own language when a NC prepare it in the data base. Noted that the own language is an option that can be implicitly accessed.

### **C.3.3 Information about the application of CDD**

Mr. Hiroshi Murayama presented the status of the CDD and demonstrated how new data element types can be introduced into the database

A simple to use Excel format has been introduced for the introduction of new DETs.

Further, Mr. Murayama presented the technical specification for Identification of units for computer based processing, ongoing project IEC 62720. This specification includes identification of units and quantities of e.g. smart grid products but also guidance of application of data in product structures.

It shall be noted that it is not in the scope of CDD to create and store new units related to product areas but list existing units as used in real applications

### **C.3.4 Information and discussion about the proposed split of IEC 60617**

Mr. Arto Sirviö and the Secretary informed about the proposal from MT 60617 to split IEC 60617 into different parts and introduction of the "Basic graphical symbols", see presentation 3WS(Oslo/Secretary)3. The proposal was discussed and Mr. Hans Brückner presented some ideas of improved functionality to the database, see presentation 3WS(Oslo/Chairman)6.

It was also discussed how to relate rules for the dynamic representation to the symbols in IEC 60617DB. It was proposed that MT60617 shall consider in the final proposal of arrangement.

The presentations and discussions could be seen as preliminaries to the decision to be taken in the plenary meeting, see item8.4.

### **C.3.5 Short report from ad-hoc TC 3 workshop on "Instruction for use", IEC 82079**

Prof. Hiroaki Ikeda presented the standard IEC 82079-1 and the report from a workshop held at Lake Yamanaka in Japan.

In the workshop it was discussed about the intention of part 1 to be a general part and planning of additional parts covering particular requirements related to specific product areas.

The planning of additional parts of the 82079 series was intended to be taken up in the plenary meeting, see item 17.

It was discussed about publishing of IEC 82079-1 as horizontal standard. It was expected that the standard should be designated horizontal standard but no such note is given in the document. It was also questioned if additional part can be established of horizontal nature.

**Annex D**  
**List of meeting documents for the TC3 plenary meeting**

<b>Number</b>	<b>Title</b>	<b>Pdf</b>
3(Oslo/Secretary)01A	Agenda	<a href="#">pdf</a>
3(Oslo/Secretary)02	List of participants in Plenary meeting in Oslo	<a href="#">pdf</a>
3(Oslo/Secretary)03	Report to the plenary meeting in Oslo 2012, regarding TC 3 liaisons with other committees.	<a href="#">pdf</a>
3(Oslo/MT21)04	Report from MT21	<a href="#">pdf</a>
3(Oslo/Secretary)05	Letter from ISO/TC 10 regarding Decision 15 from TC 3 plenary meeting in Helsinki	<a href="#">pdf</a>
3(Oslo/TC44)06	Report from Liaison officer for TC44	<a href="#">pdf</a>
3(Oslo/CZ)07	Position of the Czech NC on doc 3(Oslo/Secretariat)01	<a href="#">pdf</a>
3(Oslo/SC3C)08	Report from the Chairman of SC3C	<a href="#">pdf</a>
3(Oslo/SC17B)09	Report from Liaison officer for SC17B	<a href="#">pdf</a>
3(Oslo/SC3D)10	Report from the Chairman of SC3D	<a href="#">pdf</a>
3(Oslo/Secretary)11	Daily report from the meeting of TC3 in Oslo 2012-10-05	<a href="#">pdf</a>
TC3IEC News012	IEC News, TC 3 and SCs Meetings	<a href="#">pdf</a>

## Annex E List of Decisions

<b>Decision 1 :</b> TC 3 decided at its meeting in Oslo that the Secretary shall arrange with CO to change the numbering system of TC 3 PTs and MTs to have the same number as the project connected to the team if applicable. ....	6
<b>Decision 2 :</b> TC 3 decided at its meeting in Oslo that the Secretary and Arto Sirviö shall discuss with CO how to prepare the proposed improvements to IEC 60617 DB. ....	6
<b>Decision 3 :</b> TC 3 decided at its meeting in Oslo that MT 60617 shall continue the task to improve the existing data base in line with the proposals at the plenary meeting and if required propose a more useful classification of the concepts and symbols. ....	7
<b>Decision 4 :</b> TC 3 decided at its meeting in Oslo that PT 38 will be closed and the tasks of PT 38 will be taken over by MT 60617. ....	7
<b>Decision 5 :</b> TC 3 decided at its meeting in Oslo that MT 60617 shall investigate guidelines how to develop family of symbols in consistent way. ....	7
<b>Decision 6 :</b> TC 3 decided at its meeting in Oslo that MT 60617 shall report the result of the work with improvements of IEC 60617DB to NCs on a regular base. ....	7
<b>Decision 7 :</b> TC 3 decided at its meeting in Oslo to ask the Convenor to arrange extend the invitation to the next MT 17 meeting to include Mr. Reuter (Speaker of DE mirror committee) and Mr. Svensson (Chairman of SE mirror committee), due to the comments received from these committees. ....	7
<b>Decision 8 :</b> TC 3 decided at its meeting in Oslo to nominate Mr. Eirik Selvik as liaison officer to ISO/TC 10/SC 10. ....	8
<b>Decision 9 :</b> TC 3 decided at its meeting in Oslo that IEC TC 3 shall invite ISO/TC 10/SC 10 officers to a meeting with the main purpose to set up the procedures for coordination of the future standardization work. A letter to ISO/TC 10 shall be prepared. ....	8
<b>Decision 10 :</b> TC 3 decided at its meeting in Oslo that TC 3 shall write a question of principle to IEC SMB regarding statement of harmonization in such common ISO/IEC-series. ....	8
<b>Decision 11 :</b> TC 3 decided at its meeting in Oslo that MT 19 shall propose how the additional document kinds defined by TC 65, with example images, can be introduced in IEC 61355DB. ....	9
<b>Decision 12 :</b> TC 3 decided at its meeting in Oslo that TC 3 again shall express their openness for a common standard series for classification and designation of document kinds. The liaison officer shall, supported by the Convenor of MT 19 and the DK NC, write a letter to ISO/TC 10 with a new approach for a joint standard. ....	9
<b>Decision 13 :</b> TC 3 decided at its meeting in Oslo to ask the Secretary to circulate a call for a new Convenor to MT 20 and to arrange the correction of the title of the team. ....	9
<b>Decision 14 :</b> TC 3 decided at its meeting in Oslo that the Secretary shall ask CO how the status of horizontal standard can be notified in IEC 82079-1. ....	9
<b>Decision 15 :</b> TC3 decided at its meeting in Oslo to ask the Secretary to contact ISO TC10 with a proposal to establish a Task Force for planning of the future work of the 82079 series of standards. ....	9
<b>Decision 16 :</b> TC 3 decided at its meeting in Oslo to ask MT 21 to prepare a document for Comments (DC) to the NCs regarding future new work. Each proposal shall be associated with proper information to allow NCs evaluation of the proposed new work. The proposals shall be coordinated with the work of the Task Force. ....	9
<b>Decision 17 :</b> TC 3 decided at its meeting in Oslo to ask the Secretary to call for a new Project leader to PT 39. ....	10
<b>Decision 18 :</b> TC 3 decided at its meeting in Oslo that a Task Force shall be established with the purpose to investigate how the NCs participation in the activities of the validation teams of standards in data base form can be improved. The members	

of the Task Force shall be Mr. Addie Dijkstra; Mr. Hiroshi Murayama; Mr. Reinhard Nerke; Mr. Hans Brueckner; Mr. Sven-Anders Lejdeby; Mr. Arto Sirviö; Mr. Fritz Reuter; Mr. Per-Åke Svensson. The result will be discussed with CO and reported to all P-members. .... 11

**Decision 19 :** TC 3 decided at its meeting in Oslo to ask the Secretary supported by Mr. Selvik and the Chairman to arrange necessary changes of TC 3 Scope, name and programme, etc due to the incorporated task of TC 16. .... 11

**Decision 20 :** TC 3 decided at its meeting in Oslo to ask the Secretary, supported by Mr. Svensson, to prepare the changes of TC 3 web site. .... 11

**Decision 21 :** TC 3 decided at its meeting in Oslo to ask the Secretary to arrange with CO that the list of liaisons and liaisons officers will be corrected to correspond with the report and additional recommendation by the plenary meeting ..... 12

**Decision 22 :** TC 3 decided at its meeting in Oslo to ask the Chairman and the Secretary to inform CZ NC that TC 3 gratefully will accept an invitation and inform about the preferred date for next Plenary meeting..... 13

