

**INTERNATIONAL ELECTROTECHNICAL COMMISSION****Technical Committee No. 3 Information structures, documentation and graphical symbols****Unconfirmed minutes from the meeting of TC 3 held in Prague 2013-10-11**

Chairman: Mr. Hans Brückner (Germany)

Secretary: Mr. Sven-Anders Lejdeby (Sweden)

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

Name of delegate		National Committee (function in TC3)
Zhongjing	Cao	China
Yongmei	Gao	China
Yagi	Ji	China
<b>Hankui</b>	<b>Ke</b>	China
Hong	Ma	China
Bingmei	Wu	China
Josef	Rymus	Czech Republic
Libor	Valec	Czech Republic
Henrik	Baslev	Denmark
Arto	Sirviö	Finland (Chairman SC 3C)
Gabriela	Fleischer	Germany
Reinhard	Nerke	Germany (Secretary SC 3D)
<b>Fritz</b>	<b>Reuter</b>	Germany
Sumio	Araki	Japan
Yoshinari	Horimoto	Japan
<b>Hiroaki</b>	<b>Iked</b>	Japan (Assistant Secretary SC 3C)
Kiyoshi	Kato	Japan
Motoya	Mohri	Japan
Hiroshi	Murayama	Japan (Chairman SC 3D)
Atsushi	Sato	Japan
Yoshikazu	Seki	Japan (Secretary SC 3C)
Lan	Wang	Japan
Addie	Dijkstra	Netherlands
Eirik	Selvik	Norway
Per-Åke	Svensson	Sweden

Number of participants: 25, representing 9 National committees

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## **1. Opening of meeting**

The Chairman of TC 3 Hans Brückner opened the meeting and welcomed all participants. The representative of the Czech Standards Office, Mrs Dr Zdeňka Burešová, expressed a special welcome to Prague and noted that this was the third time that TC 3 held its plenary meeting in Prague. She expressed the Czech NC's pleasure to host the meetings and wished good luck for the day. The Chairman expressed thanks for the invitation of IEC TC 3 to Prague.

## **2. Approval of the agenda, document 3/1151/DA**

The draft agenda, without referenced documents, was circulated five month before the meeting. The Secretary presented the latest version of agenda which contains the same items as the first edition but also references to all available relevant documents.

The agenda was approved.

## **3. Note the approval of the minutes from the previous meeting of TC 3 in Oslo 2012-10-05, document 3/1136A/RM**

The report from TC 3 plenary meeting in Oslo, 3/1136A/RM, was presented. The report has been circulated without comments and consequently the report is automatically approved.

## **4. Information from the IEC Central Office**

IEC Central office was not represented in the meeting and no information was available

The Secretary informed shortly about some news regarding IEC tools, with reference to information from IEC CO to secretaries.

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

The Chairman, Mr Brückner informed about the coordination meeting that took place in Geneva in May 2013 and referred to the minutes of that meeting (see Item 6). He also congratulated Mr Arto Sirviö to the 1906 award for 2013.

Mr Brückner informed that he will retire from his company by end of April 2014 and that he will have to terminate his terms of office as Chairman of TC 3. The Secretary informed that new chairman is proposed by SE holding the Secretariat, see item 35.

## **6. Report from the co-ordination meetings with TC 3 Officers in Geneva 2013-05-23--24, document 3(Geneva/Secretariat)11A**

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

## **7. Report from the Secretary of TC 3, including actions taken as a result of the minutes from the meeting in Oslo and the later co-ordination meeting, document 3/1158/INF, 3(Prague/Secretariat)04, 3(Prague/Secretariat)14, 3(Prague/Secretariat)16**

The Secretary presented the report and the list of decisions from the plenary meeting in Oslo. Additional to the report the following three lists were presented and reviewed:

### **1. List of publications with validity period expiring**

The meeting discussed the list and decided to propose new validity periods as noted below:

- IEC 60757, change validity to 2023 (also check with CO if a correction is required regarding the moving of responsibility for the IS)
- IEC 62491, change validity to 2023
- IEC/PAS 62569-1, change validity to 2016
- IEC/TS 62666, change validity to 2016
- IEC/PAS 62515, the PAS to be replaced by an IS

**Decision 1 : TC 3 decided at its meeting in Prague to ask the Secretary to prepare a Review Report including the documents listed in 3(Prague/Secretary)04 with new validity dates as proposed in the meeting.**

**Decision 2 : TC 3 decided at its meeting in Prague to ask the Secretary to check with CO how the new responsibility of standards from former TC 16 shall be notified in the standards.**

2. Summary of changes in TC 3 Dashboard, decided in plenary meeting 2012 and proposals for plenary meeting 2013.

The following changes were decided:

- PT 39 to be MT62507
- PT 62666 to be MT 62666
- MT 18 to be MT 81346 and MT 61666
- MT 20 to be MT 62023 and MT 62027

Proposal of new MTs see also item 26 below

**Decision 3 : TC 3 decided at its meeting in Prague to ask the Secretary to arrange with CO to prepare changes of TC 3 Dashboard in accordance with 3(Prague/Secretary)14**

3. List of TC 3 horizontal standards

The list shows the status of horizontal standards as noted in TC 3 dashboard dated 2013-10-10. It was discussed how the designation of horizontal standard will be arranged and noted in the standards. In accordance with the directives, the status of being a horizontal standard shall be noted in the scope. The status of being a horizontal standard is decided by SMB after voting on a question of principles. The QP has to include a justification for the designation that preferably is a notification of other committees shown interest for the standard. It is recommended to present a QP latest at the CDV stage.

## **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 3/1159/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 3/1160/INF**

The report was accepted as written.

### **8.3. Report from the Maintenance Team for IEC 60617, document 3(Prague/MT60617)07**

The Convenor, Mr Sirviö, presented the report from MT 60617 and informed shortly about the work on improvement of the database.

Mr Reuter proposed that the work should be divided into:

1. Improvement of symbols and their application
2. Improvement of the database, e.g. search functions

Mr Selvik meant that it is important that the rules for application of symbols in drawings will not be changed. These rules are available in other standards, e.g. IEC 61082 and should not be repeated in IEC 60617. The Chairman proposed a close cooperation among the teams for IEC 60617, IEC 61082 and IEC 81417. The purpose of the cooperation should be to avoid overlapping rules and inconsistencies.

It was also noted that the progress in MT 60617 shall be reported regularly to the NCs.

## **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 81714**

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.

The Chairman mentioned a message received from the CZ NC by Mr Leos Mann. The document points on inconsistencies in the presentation rules of symbols, e.g. regarding the symbol of a connecting line together with the position of data fields such as reference designations and technical data. It is required to clarify if changes have to be done in IEC 81417 or in IEC 61082.

**Decision 4 : TC 3 decided at its meeting in Prague to invite the convenors of MT 82714 and MT 61082 to discuss the document from the CZ NC to propose how the problem with inconsistency can be solved.**

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

##### **10.1. To consider the Report from the Convenor of MT 60848, document 3(Prague/MT60848)08**

The Convenor, Mr Lejdeby, presented the report from MT 60848. There were no comments to the report

#### **11. IEC 62744 Representation of states of objects by graphical symbols**

##### **11.1. To consider the Report from the Convenor of PT 62744, document 3(Prague/PT62744)06**

The Project leader, Mr Lejdeby, presented the report from PT 62744 and notified that a CDV of IEC 62744-1 has been circulated with closing 2013-12-05.

It was noted that some dates in the report were wrong. The Convenor promised to correct the report.

Mr Reuter mentioned that ISO/TC 10 has shown interest to support the standard.

**Decision 5 : TC 3 decided at its meeting in Prague to ask the Secretary to contact ISO/TC 10 to invite ISO/TC 10 to join the future maintenance of IEC 62744.**

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

##### **12.1. Report from the Convener of MT 61082, document 3(Prague/MT61082)12**

The Convenor, Mr Hans Brückner, presented the report and mentioned that the preparation of the new edition was planned to be managed by correspondence in a short process but due to a big number of comments to the CD the time plan has to be extended.

The work is now in CDV stage and the plan is to publish the new edition in the first quarter of 2014.

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

##### **13.1. Report from MT 61175, document 3(Prague/MT61175)05**

The Convenor, Mr Lejdeby, presented the report and notified that a CD of IEC 61175 Ed. 3 was first circulated in the end of 2012. A second CD of IEC 61175 Ed. 3 was circulated with closing 2013-09-06. A compilation of comments was circulated and a meeting is planned to be held in November for preparation of the CDV.

#### **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, document 3(Prague/MT18)17**

The Convenor, Mr Selvik, presented the report and informed about the on-going discussion with ISO/TC 10 regarding the 81346-series. ISO/TC 10 has prepared two proposals of new parts, part 10 and 12, to the 81346 series. The mode of liaison is discussed, see 14.3. It was also noted that the consequences from the result of voting on these two new projects was unclear however. Other comments shall be taken care of during a later revision of the document in conjunction with the harmonization of the standard series.

**Decision 6 : TC 3 decided at its meeting in Prague to accept the new work item proposal of ISO 81346-12 to be prepared by a joint working group.**

**Decision 7 : TC 3 decided at its meeting in Prague to accept the conversion of the existing ISO/TS 16952-10 to become a part a part of 81346-series of standard as ISO/TS 81346-10 but first considering the comments from TC 3 NCs related to normative references.**

**Decision 8 : TC 3 decided at its meeting in Prague to propose to ISO/TC 10 that a text will be commonly prepared (by Mr Brückner and Mrs Rosenkranz-Wuttig) for introduction in the foreword. The text shall give the background for how the TS have been prepared**

**14.2. To consider the proposal to change MT 18 to MT 81346 and MT 61666**

The meeting decided to change MT 18 into MT 81346 and MT 61666, see item 7. The meeting also proposed that Mr Selvik will be the Convenor of both maintenance teams.

**14.3. To consider the proposed mode of liaison between IEC/TC 3 and ISO/TC 10/SC 10 regarding the 81346 series of standards, document 3(Prague/MT18)18, Minutes 2013-04-30**

Mr Selvik informed about the telephone meeting (2013-04-30) including experts and officials from IEC/TC 3 and ISO/TC 10/SC 10 and as a result from that, a proposal to set up a coordination group for the 81346-series of standards

The meeting agreed to the coordination group with Mr Selvik and Mr Helmut Wank (ISO) as convenors. An important task for the group would be to set-up working procedures and to secure that all parts of the series are not contradictory to each other and recognizing that the rules in IEC 81346-1 and -2 are basic for the series. Only these two parts shall contain all necessary rules and other parts shall then include branch-related guidelines.

Mr Selvik also presented a draft proposal of procedures for maintenance and introducing of new parts, see 3(Prague/MT18)18. The document is intended to serve as an input from TC 3 to the coordination group. The agreed document from the coordination group should then be circulated to NCs for voting.

Mr Balslev expressed his wish to encourage all to work in a pragmatic way rather than to be formalistic in the aim to find consensus for the series, which the meeting agreed to.

**Decision 9 : TC 3 decided at its meeting in Prague to ask Mr Selvik to prepare his proposal of procedure for maintenance of the 81346 series in a document for circulation. The Secretary will circulate the proposal to the NCs for information and commenting.**

**Decision 10 : TC 3 decided at its meeting in Prague to accept the proposed task of the coordination group for 81346 series of standards and to ask the Secretary to circulate the final proposal of coordination group to the NCs for voting.**

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

**15.1. Report from the Convener of MT 61355**

The Convenor, Mr Brückner, reported that no work has been done since last plenary meeting and mentioned that TC 65 has not officially submitted any proposal of new document kinds yet as earlier announced.

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

**16.1. To consider the proposal to change MT 20 to MT 62023 and MT 62027**

The meeting decided to change MT 20 into MT 62023 and MT 62027, see item 7.

**16.2. To consider the nomination of new Convenor of MT 62023 and MT 62027**

The Secretary reported that a call for nomination of new convenor of MT 20 was circulated which resulted in one nomination. Mr Henrik Balslev, was nominated by the Danish NC. The Secretary proposed that he will be Convenor of both MT 62023 and MT 62027.

**Decision 11 : TC 3 decided at its meeting in Prague to nominate Mr Henrik Balslev as Convenor of MT 62023 and MT 62027.**



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

### **17.1. Consideration of the report from the Convenors of MT 82079**

One of the Convenors Dr Fleischer informed about the discussion to continue the work with additional parts.

A new work item (NP) for 82079-2 is proposed by ISO/TC 10. It is also proposed to work in a joint working group (mode 5). The NP was accepted with comments but with a lack of experts, which means that the proposal should be rejected. It was proposed at the meeting that part 2 could be prepared as an application guide (TS).

The meeting proposed that MT 82079 will be converted to a joint working group for part 1 and, if required, that the scope should include the content of the proposed part 2.

**Decision 12 : TC 3 decided at its meeting in Prague to recommend that the rules defined in the proposed part 2 should be included in next release of part 1 and if part 2 will be required it should be a Technical Specification (TS).**

**Decision 13 : TC 3 decided at its meeting in Prague to encourage the Secretaries of TC 3 and ISO/TC 10 to agree on setting up a joint working group and to commonly prepare a review report**

### **17.2. To consider the proposal to ISO/TC 10 that a similar coordination group as proposed for the 81346-series should be set up for the 82079-series**

It was noted that IEC 82079-1 has been prepared with full support from ISO/TC 10 even if the working group not officially has been a joint working group. After discussion the meeting agreed to propose that the maintenance team for the standard should be changed into a joint working group with the task to maintain the first part and develop additional parts as required (see item 17.1).

If required an additional coordination group, of ad hoc type may be set up for coordination between ISO/TC 10 and IEC/TC 3.

## **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(Prague/PT62515)09**

Mr Reuter presented the report and informed about the work on IEC/PAS 62515 to be a standard.

### **18.2. Consideration of the continuation of the work with IEC 62515**

The proposal to converted IEC/PAS 62515 Ed. 1 to IEC/TS 62515 Ed.1 was accepted. MT 62515 (former PT 40) will be responsible for the rework of the publication It was also requested that the work should be harmonized with the actual work in TC 17/SC 17B and TC 65.

**Decision 14 : TC 3 decided at its meeting in Prague to set up a maintenance team with the task to rework IEC/PAS 62515 to IEC/TS 62515. The Convenor of the team shall be Mr Fritz Reuter.**

## **19. IEC-ISO 82045 Document management**

### **19.1. Consideration of the report from the Convener of MT 82045, document 3(Prague/MT82045)10**

The Convenor, Mr Fritz Reuter presented the report and informed that a minor fault has been recognized in the standard. The fault may be corrected by a corrigendum

**Decision 15 : TC 3 decided at its meeting in Prague to ask Mr Reuter and the Secretary to ask TC 3 Technical Officer to advise about the best way to correct the fault in IEC 82045**

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

### **20.1. To consider the report from MT 62491 *Marking of conductors and cables***

No activities of MT 62491 were reported.

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

### **21.1. To consider the proposal to change PT 62507 to MT 62507**

The meeting decided to change PT 62507 into MT 62507, see item 7.

### **21.2. To consider the request of new Convenor of MT 62507**

The Secretary mentioned that a review report will be circulated after the plenary meeting. The RR shall include information about the decision of conversion to MT 62507 and a call for nomination of new Convenor

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

**Decision 16 : TC 3 decided at its meeting in Prague to ask the Secretary to arrange that PT 62507 will be changed to MT 62507 and to call for a Convenor of MT 62507.**

**Decision 17 : TC 3 decided at its meeting in Prague to postpone the work of IEC 62507-2 until MT 62507 has been established with a new Convenor.**

## **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 62569, document 3(Prague/PT 62569)11**

The Project leader, Mr Reuter, presented the report and informed about the work on part 2. The work needs to be coordinated with SC 3D work on CDD. To improve the coordination it was proposed that the Secretary of SC 3D will be invited to the next meeting of PT 62569, planned to be held in Stockholm in November

The task of PT 62569 in relation to SC 3D was discussed. It was noted that the generic properties dealt with in PT 62569 could hardly be defined for the CDD by any specific product committee but the definitions needs to be coordinated among product committees.

Mr Brückner proposed that this task should be added to the work description for TC 3. Mr Svensson noted that the proposal is in line with the previous presented idea that TC 3 should focus more on work regarded to engineering.

The meeting basically agreed to the proposal but Mr Murayama and Mr Nerke noted that this type of DETs have been and will be proposed also by the product committees which can lead to conflicts. Mr Dijkstra and Mr Reuter pointed out the importance of coordinate the definition of generic DETs with other committees even if this could be difficult and require some marketing of the fortune of standardized DETs. Mr Reuter meant that the product committees typically do not define these kind of properties as generic DETs. Mr Svensson pointed out that it is important, in this case, to differentiate between the product as such and the information about it.

**Decision 18 : TC 3 decided at its meeting in Prague to ask Mr Brückner to draft a statement for change of the scope to be circulated to the NCs.**

**Decision 19 : TC 3 decided at its meeting in Prague to ask the Secretary and the Chairman to prepare a proposal to SMB based on the proposal of changed scope of TC 3 and comments from NCs**

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

### **23.1. To consider the proposal to change PT 62666 to MT 62666**

The change was accepted, see item 7

### **23.2. To discuss future activities in relation to the guideline**

The Project leader, Mr Per-Åke Svensson, reminded that the TS was prepared to IEC general meeting in Seattle for information about the standards of TC 3 but that the TS can still be used for this purpose. For proper information the TS should be updated with regards to the referenced standards.

**Decision 20 : TC 3 decided at its meeting in Prague to change PT 62666 to a maintenance team with the task to update IEC/TS 62666 and also to ask the Secretary to call for a new Convenor of MT 62666**

**24. Report from the Chairman of SC 3C - Graphical symbols for use on equipment - and relevant decisions, See Annex A [reported at meeting: 3(Prague/SC 3C)15]**

The Chairman of SC 3C, Mr Arto Sirviö, presented the report from the SC3C plenary meeting.

It was noted that the work of SC 3C was very active in the past year. 47 new or modified graphical symbols for use on equipment were released to IEC 60417 for publishing in database format and 51 CRs to IEC 60417 been evaluated or validated. SC 3C has also continued the co-ordination and collaboration with a lot of other TC/SCs.

**25. Report from the Chairman of SC 3D - Data sets for libraries - and relevant decisions, See Annex B [reported at meeting: 3(Prague/SC 3D)19]**

The Chairman of SC 3D, Mr Hiroshi Murayama presented the report from the SC 3D plenary meeting.

The total members of SC 3D has been unchanged since last plenary meeting, but Denmark has changed its status from O to P-membership. SC 3D has now 18 P-members and 9 O-members.

It has been noted that the current IEC6136-4 DB does not have or has lost the scope definition when it was transformed from a paper standard to a DB standard. The scope should be clearly indicated on the front page of the IEC6136-4 DB on the web and in other publications from IEC CO.

Secretary will circulate documents to NCs requesting texts that better define and illustrate the current standardization scope of SC 3D, and that of IEC6136-4DB, separately. Drafts will be discussed at TC3 coordination meeting in 2014 May/ June (or before). By the next GM in Tokyo, SC 3D is expected to finalize the scope text.

Also noted that SC 3D resolves that SC3D endorse the results of work of IEC DB procedure taskforce.

SC 3D mentioned in its meeting that SC 3D requests that IEC TC3 coordinates the proposed content of C00039, Material Declaration with TC111 work, especially regarding IEC/PAS 61906 and IEC 6247, Material Declaration.

Secretaries note: The validity of IEC/PAS 61906 was expired 2011. TC 3 decided not to continue the work and to withdraw the PAS.

**26. Consideration of proposal to add new maintenance teams for standards overtaken from former TC 16**

The Secretary reported that six standards have been taken over from IEC TC 16. One of the standards, IEC 60757, is in the process to be updated but the work was postponed by TC 16.

The Secretary proposed that the following maintenance teams will be established: MT 60073; MT 60152; MT 60445; MT 60447; MT 60757; MT 61293. He also proposed that Mr Eirik Selvik should be the convenor of the MTs. The proposal was accepted.

**Decision 21 : TC 3 decided at its meeting in to ask the Secretary to set up new maintenance teams for the standards of former TC 16**

**27. To consider the report on the work of the task force with the purpose to investigate how the NCs participation in the activities of the validation teams can be improved.**

Mr Addie Dijkstra reported about the discussion about the task force report held in TC 3 workshop the day before the plenary meeting (see Annex C.3). It was proposed that the report will be updated in accordance with the resolutions from the workshop and that the updated report will be circulated to the NC for information

**Decision 22 : TC 3 decided at its meeting in Prague to ask Mr Dijkstra and the Secretary to update the report of the task force and circulate the report to NCs for information**

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

No reports were available -No report available.

**29. Review of the P- and O- membership of the committee, document 3/1161/INF**

TC 3 has 19 P-members and 12 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 MT's.

Participation in voting is good with an average of more than 90%, but just four documents have been requested for voting in the period.

It was discussed about the requirements of P-members to participate in plenary meetings and working groups. It can be noted that some of the NCs do not fulfil these requirements. The Secretary meant that this will be noted by CO and necessary actions will be taken by SMB. The Secretary was asked to check the procedure with the Technical Officer.

Mr Reuter notified that France was participating in the plenary meeting in Oslo but it is not noted in the list. The list will be corrected.

**Decision 23 : TC 3 decided at its meeting in Prague to ask the Secretary to discuss the procedure for improvement of NC's engagement in the work with the TC 3 Technical Officer, and inform about the result or propose steps to take.**

**30. Review of liaisons with other bodies (on subjects not already covered), and to specifically consider related decisions in the SCs, document 3(Prague/Secretariat)03**

The Secretary presented a report of the actual status of liaisons with other committees. The report was discussed. The report was accepted. Comments and additional decisions are noted at the different items below.

A liaison between TC 3 and TC 25 was incorrectly noted in the list and will be deleted.

**Decision 24 : TC 3 decided at its meeting in Prague 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.**

**30.1. IEC TC 17/SC 17B Low-voltage switchgear and controlgear**

No report available.

**30.2. IEC TC 44 Safety of machinery - Electrotechnical aspects**

No report available.

**30.3. IEC TC 57 Power systems management and associated information exchange**

No report available.

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

No report available.

**30.5. IEC TC 94 All-or-nothing electrical relays**

No report available.

A liaison between TC 3 and TC 94 is noted in the dashboard but nobody seems to be aware of this liaison. The liaison can be closed, See item 30.

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

No report available.

**30.7. ISO/TC 10/SC 10 Technical product documentation, Process plant documentation**

No report available.

### **30.8. ISO TC 184/SC 4 Industrial automation systems, External representation of product definition data**

No report available.

The liaison between TC 3 and ISO/TC 184/SC 4 can be closed (keep liaison with SC 3D), See item 30.

### **30.9. Other liaisons to be reviewed:**

#### **Liaison A: CIRM, ETSI, IFAC, ITU-T, ITU-R, URC**

No actual cooperation with ITU project exists and the liaisons can be closed, See item 30.

### **31. Update of the work program of TC 3, Document 3/1162/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

**Decision 25 : TC 3 decided at its meeting in Prague to ask the Chairman and the Secretary to make necessary corrections of the PW and send the updated version to SMB as parts of the RSMB.**

### **32. To consider proposed changes to TC 3 Strategic Business plan, document SMB/\*\*\*\*/SBP-DRAFT**

A revised version of the SBP was circulated as draft to the NCs after the plenary meeting in Oslo. Initiated by the integration of former TC 16 into TC 3 a new draft was prepared for consideration in the coordination meeting in Geneva but no official revision of the SBP has been sent to SMB for approval in 2013.

It was noted that the title of TC 3 has been updated due to the integration of the tasks of the former TC 16. The new title will be "*Information structures and elements, identification and marking principles, documentation and graphical symbols*"

#### **32.1. Reported proposals from National Committees regarding changes to SBP, document 3(Prague/Secretariat)13**

A document for comments (DC) on the proposed SBP has been circulated to the NC previous to the plenary meeting.

The Secretary presented a draft compilation of comments to the DC and noted some items for discussion. The plenary meeting accepted the notified comments and the SBP will be updated in accordance with the compilation.

**Decision 26 : TC 3 decided at its meeting in Prague to ask the Secretary to send the updated version of the SBP to SMB as parts of the RSMB.**

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

#### **33.1. Reports from the National Committees**

No reports received

### **34. Date and place of next meetings 2014 in Tokyo and Preliminary planning for 2015 (Location?), document JICS invitation to TC 3**

TC 3 and subcommittees have received an invitation from JICS to participate in IEC General meeting 2014 in Tokyo. The Chairman and the Secretary have informed JICT that TC 3 gratefully accept the invitation and like to held plenary meetings and other meetings in accordance with the presented schedule. The additional meeting of MT 60617 will be held after the ordinary afternoon session the second day.

A pleasant welcome video for IEC General meeting and the town of Tokyo was presented by Mr Atsushi Sato in the workshop held the day before the plenary meeting.

It was informed that the General meeting 2015 will be held in Belarus, but no preliminary invitation has been received.

### **35. Other business**

The Secretary informed about the process to find a new Chairman for TC 3 after Mr Brückner's retirement. The routine is that the Swedish secretariat, SEK, will nominate a person for decision by SMB. The officers of TC 3 decided in the meeting in Geneva to propose to the Swedish secretariat that Mr Eirik Selvik would be nominated for the next Chairman. The Secretary has informed SEK about the wish of TC 3. SEK will positively consider the proposal.

On the behalf of all participants Mr Per-Åke Svensson thanked Mr Hans Brückner for his long period as Chairman for TC 3 and presented a small gift.

Mr Brückner returned his thanks for the warm words and the gift. He also expressed his gratitude for many years of very good cooperation within the committee.

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

The Chairman then closed the meeting.

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## **Annex A**

### **Report from Chairman and Secretary of SC 3C**

#### **Unconfirmed minutes of SC 3C meeting held in Prague, Czech Republic, on 2012-10-09**

##### **A.1 Opening of the meeting**

Chairman Mr. Arto Sirviö opened the meeting at 9:00.

He expressed his appreciation to the Czech Republic National Committee for hosting the meeting.

Chairman, then, asked all participants to introduce themselves.

##### **A.2 Approval of the agenda**

Further revised Draft Agenda 3C/1867B/DA linked to 3C(Prague/ISO TC145/SC2)02, 3C(Prague/MT60417)05 and 3C(Prague/MT62648)06 was approved as written.

##### **A.3 To note the confirmation of the minutes of the meeting held in Oslo 2012**

Secretary reported that there were no comments received. Therefore, the approval of the unconfirmed minutes 3C/1838/RM was noted.

##### **A.4 Information from IEC Central Office**

No specific report was available because of absence of Technical Officer from Central Office.

##### **A.5 To receive address of Chairman**

Chairman delivered his address focusing on the activity of SC 3C.

The address included that SC 3C work was very active. In the past year, many new graphical symbols for use on equipment were released to IEC 60417 published and maintained in database format. SC 3C had continued the co-ordination and collaboration with a lot of other TC/SCs

##### **A.6 To receive and discuss report of the secretariat**

###### **A.6.1 General report including actions taken on the decisions in the last meeting**

No pending issues from the decisions taken at the previous SC 3C meeting held in Oslo 2012.

Correctness of the number of experts from China in Table 1 of Annex A of 3C/1876/INF was questioned. It should be checked and corrected.

Four countries (FI, CZ, JP, IT) performed 100 % participation in IEC 60417 database validation/evaluation.

Report was accepted.

Revised statistics of P-members' participation including participation in Validation voting should be submitted to the parent committee for inclusion in TC 3 report to SMB.

###### **A.6.2 Report on actions taken on recommendations of PT 45 in the past year**

Secretary reported that 42 recommendations were received from PT 45 by August 2013. SC 3C noted the some of the actions taken by secretary upon recommendations of PT 45 and some were still under consideration.

Report was accepted

### **A.6.3 Report from VT 60417 on IEC 60417 regarding Change Requests and graphical symbols in the past year**

During one year period VT 60417 evaluated or validated **51 new CRs** and as the result **47 new graphical symbols** were released to IEC 60417 for subscribers' access.

In the report, two typos in French spelling were pointed out by the Czech Republic delegate, corrections to which were reflected to the IEC 60417 during the meeting.

The report was accepted with the corrections and the following decision was taken.

#### **DECISION 1:**

**SC 3C in Prague decided to ask SC 3C secretariat to circulate Annex B (list of new IEC 60417 graphical symbols) of 3C/1878/INF to the relevant committees.**

### **A.6.4 Report on status of multilingual version of IEC 60417**

The delegate of Japanese National Committee reported that an official version of the JP language variant had been available for IEC 60417 subscribers since January 2013.

The delegate of Czech Republic National Committee gave information that Czech Republic National Committee is considering to prepare Czech variant to be added to the IEC 60417 multilingual database.

### **A.6.5 Status of Project IEC 60417-C00252 Ed. 1.0, Graphical Symbol for use on Equipment – Pb-Free (TC 91)**

Co-ordination and collaboration with TC 91 on graphical symbol for Pb-Free was reported to clarify the delay of FDIS circulation.

TC 91/WG would have the meeting on 2013-10-09. It was agreed that SC 3C secretary needed further contact with the TC 91 after their meeting.

The following decision was taken.

#### **DECISION 2:**

**SC 3C in Prague decided to wait for further two weeks and if no information from IEC TC 91 is available then SC 3C secretariat will contact to IEC TC 91 secretary.**

### **A.7 To receive and discuss reports of WG, PT and MT**

#### **A.7.1 Report from JWG 11 with ISO TC 145/SC 3 (Convenor: Ikeda)**

Convenor reported that JWG11 had no activities during past year because of no need.

Report was accepted.

#### **A.7.2 Report from MT 62648 (Convenor: Ikeda)**

Convenor delivered the report from MT 62648. MT 62648 was asked to revise Annex B (informative) of IEC 62648 to include some more examples of relevant graphical symbols.

Report was accepted and the following decision was taken

#### **DECISION 3:**

**SC 3C in Prague decided to ask MT 62648 to prepare an amendment to IEC 62648. Content of amendment should focus on Annex B (examples and applications of graphical symbols for use on equipment). SC 3C secretariat update programme of work according to this decision.**

#### **A.7.3 Report from MT 60417 (Convenor: Ikeda)**

Convenor delivered the report on the past meetings as well as on the last meeting held on the previous day of the plenary meeting of SC 3C.

Report was accepted



#### **A.7.4 Report from PT 45 on project PWI 3C-1 (PL: Ikeda)**

Task of PT 45 was the continuous survey of graphical symbols introduced by other IEC TCs/SCs.

It was reported that recently Pakistan National Committee nominated an expert to PT 45.

SC 3C recommended PT 45 to continue on the same activity level as it had been.

Report was accepted and the following decision was taken.

#### **DECISION 4:**

**SC 3C in Prague decided to ask SC 3C secretariat to update document 3C/1815/INF by 3C/1882/INF which is related to PWI 3C-1.**

#### **A.8 To receive report on NC specific activities, if any**

The Japanese National Committee reported that the Japanese variant of IEC 60417 available since January 2013 was under continuous maintenance in synchronous with the corresponding International Standard IEC 60417 in English and French.

The delegate of Czech Republic reported that Czech variant was under consideration.

Both reports were noted and encouraged to continue.

#### **A.9 Update the Programme of Work of SC 3C as recorded by IEC Central Office**

The Programme of Work was reviewed and the following points of update were agreed.

to extend the target date for circulation of an FDIS for graphical symbols for Pb-Free for 6 months and

to remove the entries of completed projects such as *hearing aid and installation, electrotechnical expertise and mechanical expertise*

The following decision was taken.

#### **DECISION 5:**

**SC 3C in Prague decided to ask SC 3C secretary to update information on SC 3C Programme of Work.**

#### **A.10 Review of stability date**

<http://www.iec.ch/sc3c> > Projects / Publications > Stability dates

- IEC/TR 62687 Ed. 1.0 (2011) (SD: 2015)
- IEC 62648 Ed. 1.0 (2012) (SD: 2015), MT 62648
- IEC 80416-1 Ed. 2.0 (2008) (SD: 2017), JWG 11
- IEC 80416-3 Ed. 1.1 (2011) (SD: 2017), JWG 11

SC 3C discussed how to review and update IEC/TR 62687 Ed.1. Noting the approval of use of the term "safety related graphical symbol" as search keyword in IEC 60417 (see the item 11), the term shall not be removed. Major part of update would be the addition of examples corresponding to the terms in the field of graphical symbols for use on equipment.

Taking into account the timing (SD) and the nature of update of IEC/TR 62687 Ed.1, it was recommended to revise it in MT 62648.

After discussion, the following decision was taken.

#### **DECISION 6:**

**SC 3C in Prague decided to ask MT 62648 to revise document IEC/TR 62687 (technical report on terms and definitions for graphical symbols for use on equipment).**

## **A.11 Review liaisons**

Current status of liaisons had been updated at <http://www.iec.ch/sc3c> > Structure > Liaisons

### **ISO/TC 145 (SC 2)**

Assistant Secretary (as well as liaison officer to ISO/TC 145/SC 2) reported that SC 3C P-members' response to the use of the term "safety related graphical symbol" was sent to ISO Technical Officer in charge of ISO TC 145 and its SC's immediately after the issue of 3C/1884/INF, Compilation of comments received on 3C/1868/DC: Questions raised by ISO/TC 145 on IEC 60417 search phrase "safety related graphical symbol" (2013-09-16), and since then there were no response other than acknowledgement of the receipt.

Noting the P-members' response (doc 3C/1884/INF) on the questionnaire (doc 3C/1868/DC) that the majority of P-member countries supported to use of the term "safety related graphical symbol", SC 3C in Prague agreed to keep the term as it had been.

### **ISO/TC 145/SC 3**

SC 3C noted P-members' response (3C/1883/INF) on MT 60417 recommendation from its meeting in Hitachi City (3C/1869/DC) and further noting addition response of CZ National Committee, all of which were discussed the MT 60417 meeting in Prague, SC 3C in Prague agreed for the secretariat would take necessary actions regarding harmonization of information between ISO 7000 and IEC 60417. In case of further needs, MT 60417 should be consulted.

### **SC 23B**

Noting liaison communication doc 3C(Prague/SC23B)4, it was agreed to wait any results of discussion of the second meeting of SC 23B and TC 34 JAHG 17 to be in December 2013.

### **ISO/TC 145/SC 2**

The written liaison report (doc 3C(Prague/ISO TC145 SC 2)2 from ISO TC 145/SC 2 (liaison officer Mr. John Perry) was noted and appreciated.

### **List of liaisons**

The list of liaisons 3C/1875/INF was reviewed, where a typo in the name of SC 3C liaison officer to SC 62B shall be corrected. The correction was done.

Taking into account a pending demand and to accelerate required collaboration with TC 25, the following decision was taken.

#### **DECISION 7:**

**SC 3C in Prague decided to set up a new liaisonship between IEC TC 25 (liaison officer Jan Obdrzalek) and SC 3C (liaison officer Arto Sirviö).**

## **A.12 Review the Strategic Business Plan**

<http://www.iec.ch/tc3> > Strategic Business Plan (2011-12)

SC 3C part of draft revision of TC 3 SBP (3/1154/DC) together with the members' response, 3C(Prague/Sekretariat)3 were reviewed and discussed.

After discussion, only editorial changes were accepted to be submitted to TC 3 level and the following decision was taken

#### **DECISION 8:**

**SC 3C in Prague decided to ask SC 3C secretariat to prepare SC 3C update to TC 3 business plan.**

### **A.13 Any other business**

A TC 3 Workshop presentation on “multilingual databases” was disclosed in advance upon request of German delegate.

Delegation of China expressed that they have interest to prepare Chinese variant to be added to multilingual databases. It was welcomed and noted that the effort was under discussion in China National Committee.

### **A.14 Date and place of the next meeting**

Noting the invitation of the Japanese National Committee, the following decision was taken.

#### **DECISION 9:**

**SC 3C in Prague decided to have next SC 3C plenary meeting in Tokyo on November 5<sup>th</sup> 2014 in collocation with the parent committee IEC TC 3.**

### **A.15 Close of the meeting**

Chairman thanked all participants for their contributions and their involvement in the meeting. All delegates thanked chairman, secretary and assistant secretary for their work. Chairman closed the meeting at 16:00.

Arto SIRVIÖ  
*Chairman SC 3C*

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

Note: The complete report from TC 3/SC 3C plenary meeting is presented separately in document 3C/1902/RM

**Annex B**  
**Report from the Chairman of SC 3D**

**Unconfirmed minutes of the meeting held in Prague/ Czech Republic, Oct 2013**

**B.1 Approval of the agenda**

The agenda was confirmed.

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

The minutes of the Oslo meeting was accepted without modification.

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

No IEC representative is present in the meeting

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

**B.4.1 Membership:**

No change since the last plenary in Oslo:

**P-members:** total 18:

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

**O-members:** total 9

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

**Change from the previous meeting.**

Since the last meeting, Denmark changed its status from O- Member to P-Member.

**B.4.2 Liaisons:**

<b>Committee</b>	<b>Scope</b>	<b>Liaison Officer</b>
<u>Liaison IEC:</u>		
SC17B	Low-voltage switchgear and controlgear	H. Murayama R. Nerke P. Juhel from 17B
TC25	Quantity and units	R. Nerke J. Obdrzalek
SC 47D	Semiconductor Packaging	L. Stuehler
TC 57	Power systems management and associated information exchange	H. Murayama Lang WANG added as alternate
SC 65E	Devices and integration in enterprise systems	Udo Doebrich from SC65E

TC 111	Environmental standardization for electrical and electronic products and systems	H. Murayama Reinhard Nerke added as alternate
ISO/IEC JTC 1/SC 32	Data management services	Vacant. Volunteer wanted
<u>Liaison ISO:</u>		
ISO/TC 184/SC 4	Industrial data	H. Murayama R. Nerke
<u>D- Liaison:</u>		
eCl@ss	Consortia for product classification	Ina Lingnau

It is notified that eCl@ss sent no liaison officer to any of the WG2 meetings in the past one year. According to the decision made in last Oslo meeting, that SC3D will terminate in principle the D- liaison if the absence of officer(s) continue more than 1 year. The SC3D secretary is requested to send a request to the eCl@ss to send liaison officer, and participate in the WG activity, with a warning that SC3D will automatically terminate the D-liaison status of eCl@ss, if the present condition does not improve, before the next General Meeting.

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

### **B.5.1 Scope**

Since last meeting no scope has been changed. However, it is pointed out that the SC3D scope statement on the SC3D dashboard might be vague and not likely to catch attention:

*"To prepare standards for the electrotechnical and related fields regarding methods and rules associated with the handling of information in computer sensible form, referring to:*

*- definition of data element types and data sets for use in information models and technical documentation, and for exchange of technical information."*

It is pointed out that, although the IEC6136-4 DB is already a standard, and the change requests (CR) to augment or improve the definitional content are not considered to be new standardization projects having a scope, but rather a maintenance activity for an existing standard, there are methods and means being standardized as new standard or new standard parts to facilitate the registry of metadata, containing classes, properties, identifiers and relations. Thus somehow, the fact that standards related to the "common data dictionary" are in the scope must be clearly stated. Thus the scope must be explicit and concrete; otherwise, the other TC/SC may make standards that encroach on the scope of SC3D.

It is also pointed out that the current IEC6136-4 DB does not have or has lost the scope definition when it was transformed from a paper standard to a DB standard. The scope should be clearly indicated on the front page of the IEC6136-4 DB on the web and in other publications from IEC CO.

### **B.5.2 Decision**

Secretary will circulate documents to NCs requesting texts that better define and illustrate the current standardization scope of SC3D, and that of IEC6136-4 DB, separately. Drafts will be discussed at TC3 coordination meeting in 2014 May/ June (or before). By the next GM in Tokyo, SC3D is expected to finalize the scope text.

## B.6 Review of SC3D action items

No action item was recorded in the last meeting.

## B.7 Wrap up of WG results

### B.7.1 General

Mr. Reinhard Nerke as convener of WG2 gave a wrap-up of the WG2 meeting.

3d\_wg2\_587 Report SC3D\_WG2 2013-10-09.pptx

### B.7.2 Taskforce database procedure

Considerable time of WG2 has been dedicated for the discussion on the database procedure and on improvements of the DB procedure taskforce report.

3d\_wg2\_583 Taskforce database procedure\_v1.pptx

Result concerning the DB procedure taskforce was reported by Mr. Addie Dijkstra, in TC3 open technical session. The report will be circulated to NCs for one month review.

3/1166/INF

### B.7.3 IEC 61360-6 Quality Guide

PNW comments were reviewed and agreed.

- Input shall be checked by a tool in conformance with IEC 62656.

- When only part of a DET needs to be updated, the whole row of attributes should be provided along with the updated content.

All solutions were reviewed, and the necessary changes will be introduced.

3D/221/CD

### B.7.4 IEC 62656-3 Parcel Interface for Common Information Model

Lan Wang explained the CDV comments and the solutions. All solutions were reviewed and modified where necessary.

3D/212/CC

### B.7.5 IEC 62656-5 Interface for activity description

Hiroshi Murayama explained proposed Part 5 - Representation of Activities. Concept was understood and accepted. NP will be submitted immediately after the meeting

3D/220/NP

### B.7.6 Planned change request: "Product phase-out"

Fritz Reuter explained his proposal for phase-out of products. The issue is how to show the replacement product identifiers. One solution is to use enumerated class reference type. This would require an improvement in the current CDD infrastructure implementation. Mechanism is already available in IEC 62656-1.

## B.8 Major achievements since Oslo (Status 2013-11)

### B.8.1 Status of the registered projects in progress with updates & correction

Standard Project	Status	Current work description	Next Stage	Change	IS publication forecast
IEC 61360-5 Ed.2 <sup>1)</sup>	WPUB	Project is withdrawn, for content merged into IEC 61360-2. Ed.3			
IEC 61360-6	1CD	CD issued	Nov 2013	Yes	Feb 2016
IEC 62656-1	RDIS	FDIS submitted to IEC CO	Nov 2013	Yes	Aug 2014
IEC 62656-3	ADIS	Comment solution agreed and FDIS in preparation. French translation will require additional time after FDIS submission.	Feb 2014	Yes	Sept 2014

1) Stability date is reached and maintenance work has been stated, but found that the content is already included in the new IEC61360-2. Thus the standard is withdrawn.

### B.8.2 Status of the preparatory work in progress

Standard Project	Status	Current work description	Next Stage	Scope & objective
IEC 62656-4	In work	Document under preparation	Feb 2014	<i>Parcel interface for substation automation equipment</i>
IEC 62656-5	PNW	<i>NP distributed together with draft CD</i>	Oct 2013	<i>Parcel interface for description of activities as ontology. Enabling the standard activity to be loaded onto IEC CDD.</i>
IEC 62656-6	Planned	Web service interface	June 2014	<i>Parcel interface for web service</i>

### B.8.3 Maintenance work and stability dates

Standard Project	Status	Current work description	Stability date	Change requested	MT
IEC 61360-1	IS	MT work in progress for next edition	2014	No	MT 61360-1
IEC 61360-2	IS	Any update need to be coordinated with ISO TC184/SC4/WG2	2015	No	MT 61360-2
IEC 62656-2	TS	On the webstore	2016	No	MT 62656-2
IEC 62720	TS	Uploading content to IEC CDD. Next edition will contain reference to CDD.	2016	Yes	MT 62720

### B.8.4 Status of IEC 61360-4 CDD Change Requests since OSLO (Status 2013-11)

- 25 (KR) buzzers/sounders canceled; oscillators, etc. remain;
- 29 (DE) Geometric root properties: comments from Murayama, waiting for proposal from Wilkes.
- 28 (DE) Non-geometric root properties: waiting
- 33 (JP) Quartz crystal: Integrated into IEC61360-4DB
- 34 (3C3D Sec.) minor editorial work: done
- 35 (3C3D Sec.) minor editorial work: done
- 36 (DE) Signal designation -- issues resolved: Integrated into IEC61360-4DB
- 37 (JP) IGBT and Comparator -- issues resolved: Integrated into IEC61360-4DB
- 38 (DE) IP code -- issues resolved: Integrated into IEC61360-4DB
- 39 (DE) Material declaration -- to be reworked: Objecting members of TC3 are requested to coordinate the content of some key items in the proposal with TC111 especially with those who prepared IEC 62474 on Material Declaration.
- 40 (KR) Plasma displays -- evaluation finished: distributed for 2<sup>nd</sup> evaluation.
- 41 (SC3D Sec.) Import IEC TS 626720 -- distributed for validation
- 42 (DE) Wireless network coexistence properties -- distributed for evaluation
- 43 (JP) Flash memory devices -- distributed for evaluation. Changes of some names suggested in discussion.
- 44 (DE) Automation equipment, structure -- distributed for evaluation
- 45 (DE) Automation equipment, flow meters -- distributed for evaluation
- 46 (DE) Automation equipment, pressure meters -- distributed for evaluation

Low-voltage switchgear -- planned

Noise emission -- planned

Product phase out -- planned

## **B.9 SC3D Resolutions**

- 1) SC3D resolves that SC3D endorse the results of work of IEC DB procedure taskforce.
- 2) With regard to concerns held by TC3 about some content of C00039 Material Declaration, SC3D requests that IEC TC3 coordinates the proposed changes (see IEC PAS 61906) with TC111 work, especially with IEC 62474 Material Declaration.

## **B.10 Next meeting**

### **B.10.1 WG2 meetings**

Feb 4<sup>th</sup> -7<sup>th</sup>, 2014, Eindhoven, Netherlands

End of May/ June in Frankfurt, Germany (date and place subject to confirmation)

### **B.10.2 SC3D Plenary and WG2 meeting**

SC3D Plenary along with IEC GM November 4<sup>th</sup> – 11<sup>th</sup>, 2014.

Detail of the program dates will be shown at <http://www.2014iectokyo.jp/en/index.html> (under construction).

## **B.11 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 Czech National Committee for hosting the meeting and for their hospitality.

*Hiroshi Murayama*  
*Chairman IEC SC 3D*

*Reinhard Nerke*  
*Secretary IEC SC 3D*

Note: The complete report from TC 3/SC 3D plenary meeting is presented separately in document 3D/223/RM



## Annex C Workshop program and report

### C.1 Program

Title	Speaker
Information and discussion about the use of the multilingual platform for the databases	Hiroaki Ikeda
Information and discussion of proposal for improved evaluation and validation procedure of change requests to standards in database form	Addie Dijkstra
Presentation of 2014 IEC General Meeting in Tokyo	Atsushi Sato
Discussion about new application area of 81346-series, Application in building/ construction	Henrik Balslev
Information and discussion about the proposed changes of IEC 60617DB	Arto Sirviö

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

Number	Title	Pdf *
3WS(Prague/Secretary)1A	Agenda TC 3 workshop	<a href="#">pdf</a>
3WS(Prague /Secretary)2A	List of participants in TC 3 workshop	<a href="#">pdf</a>
3WS(Prague /Task force)3	Task force report - Evaluation of the IEC database procedure and recommendations for change	<a href="#">pdf</a>
3WS(Prague /Task force)3 Annex 1	IEC/ISO Directive Annex SL - Procedure for the maintenance of the IEC standards in database form	<a href="#">pdf</a>
3WS(Prague /MT60617)4A	Presentation - Information and discussion about the proposed changes of IEC 60617 DB	<a href="#">pdf</a>
3WS(Prague /Secretary)5A	Presentation - Information and discussion about the use of the multilingual platform for the databases	<a href="#">pdf</a>
3WS(Prague /Task force)6	Presentation – Task force report on IEC database procedure	<a href="#">pdf</a>
3WS(Prague /DK)7	Presentation – A brief introduction to Danish Building Classification and IEC 81346-2	<a href="#">pdf</a>

\* Documents are available at IEC Collaboration tool, >[IEC TC 3](#) > [TC/SC Meetings](#) > [TC 3](#) > [2013](#)

### C.3 Notes from the Workshop

#### C.3.1 Information and discussion about the use of the multilingual platform for the databases

Prof Hiroaki Ikeda presented shortly the introduction of the Japanese versions of IEC 60617DB and IEC 60417DB in Japan and showed some examples from the databases. He also informed about the actual status of the work on the multilingual versions of the databases.

The status of the local language in comparison to the official (English) language was discussed. Prof Ikeda made clear that the Japanese version is informative in the multilingual application.

It was noted that the additional languages are available for all readers of the databases, regardless of the country for the access. Therefore it is important that the conditions for using the additional languages are clearly described for any user.

It was also proposed that the specific versions in responsibility of national committees should be named “language version” instead of “localized version”.

### **C.3.2 Information and discussion of proposal for improved evaluation and validation procedure of change requests to standards in database form**

Mr Addie Dirkstra presented the report from the task force established in the plenary meeting in Oslo. The report starts with observations about participation in evaluation and validation; visibility of voting; knowledge of rules and application.

It was noted that participation and knowledge about the work with change requests for the databases differs not only between the national committees but also between the different validation teams.

The workshop proposed to the plenary meeting that the report will be circulated to the NCs in a document for comments and based on the comments prepare a question of principles to SMB and DMT.

### **C.3.3 Presentation of 2014 IEC General Meeting in Tokyo**

The Japanese national committee, represented by Mr Atsushi Sato, introduced IEC General meeting in Tokyo and showed a welcome video prepared JISC.

### **C.3.4 Discussion about new application area of 81346-series, Application in building/construction**

Mr Henrik Balslev presented a comprehensive work for classification of building objects based on IEC 81346-2. The classification system has been prepared in by a Danish project called Cuneco. The project, financed by e.g. EU and Danish government, is an evaluation of the Danish Building classification (DBK) from 2006. The goal of the project is to find a “common language” for modelling in the field of building construction.

The application of IEC 81346-2 for the classification system has been successful, but the need of some minor changes to the definitions of classes has been noted.

### **C.3.5 Information and discussion about the proposed changes of IEC 60617DB**

Mr Arto Sirviö informed about the work in MT 60617 for evaluation of IEC 60617DB, see presentation 3WS(Prague/MT60617)04A.

It was discussed how to define the basic symbols and the rules for combination of symbols to represent a more complex function, e.g. the application of connection lines to the symbols. The basic symbols shall be organized in the databases in accordance with the classification system in IEC 81346-2. It has been considered that the basic symbols should be made available in vector-graphic form.

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

Number	Title	Pdf *
3(Prague/Secretary)01B	Agenda	<a href="#">pdf</a>
3(Prague/Secretary)03	Report to TC 3 plenary meeting, regarding TC 3 liaisons with other committees.	<a href="#">pdf</a>
3(Prague/Secretary)04	Report to TC 3 plenary meeting, regarding publications with validity period expiring	<a href="#">pdf</a>
3(Prague/MT61175)05	Report from MT 61175	<a href="#">pdf</a>
3(Prague/PT62744)06A	Report from PT 62744	<a href="#">pdf</a>
3(Prague/MT60517)07	Report from MT 60617	<a href="#">pdf</a>
3(Prague/MT60848)08	Report from MT 60848	<a href="#">pdf</a>
3(Prague/PT62515)09	Report from PT 62515	<a href="#">pdf</a>
3(Prague/MT82045)10	Report from MT 82045	<a href="#">pdf</a>
3(Prague/MT62569)11	Report from PT 62569	<a href="#">pdf</a>
3(Prague/MT61082)12	Report from MT 61082	<a href="#">pdf</a>
3(Prague/MT60517)13	Report to TC 3 plenary meeting, regarding NC's comments to SBP	<a href="#">pdf</a>
3(Prague/Secretary)14	Summary of changes to TC 3 Dashboard	<a href="#">pdf</a>
3(Prague/SC3C)15	Report from chairman of SC 3C	<a href="#">pdf</a>
3(Prague/Secretary)16	Report to TC 3 plenary meeting, regarding status of TC 3horizontal standards	<a href="#">pdf</a>
3(Prague/MT18)17	Report from MT 18	<a href="#">pdf</a>
3(Prague/MT18)18	IEC/ISO 81346, Procedure for maintenance and introduction of new parts	<a href="#">pdf</a>
3(Prague/SC3D)19	Report from chairman of SC 3D	<a href="#">pdf</a>
3(Prague/Secretary)20A	Revised Daily report from TC 3 plenary meeting in Helsinki, 2013-10-11	<a href="#">pdf</a>

\* Documents are available at IEC Collaboration tool, >[IEC TC 3](#) > [TC/SC Meetings](#) > [TC 3](#) > [2013](#)

## Annex E List of Decisions

Decision 1 : TC 3 decided at its meeting in Prague to ask the Secretary to prepare a Review Report including the documents listed in 3(Prague/Secretary)04 with new validity dates as proposed in the meeting.....	5
Decision 2 : TC 3 decided at its meeting in Prague to ask the Secretary to check with CO how the new responsibility of standards from former TC 16 shall be notified in the standards. ....	6
Decision 3 : TC 3 decided at its meeting in Prague to ask the Secretary to arrange with CO to prepare changes of TC 3 Dashboard in accordance with 3(Prague/Secretary)14 .....	6
Decision 4 : TC 3 decided at its meeting in Prague to invite the convenors of MT 82714 and MT 61082 to discuss the document from the CZ NC to propose how the problem with inconsistency can be solved.....	7
Decision 5 : TC 3 decided at its meeting in Prague to ask the Secretary to contact ISO/TC 10 to invite ISO/TC 10 to join the future maintenance of IEC 62744. ....	7
Decision 6 : TC 3 decided at its meeting in Prague to accept the new work item proposal of ISO 81346-12 to be prepared by a joint working group. ....	7
Decision 7 : TC 3 decided at its meeting in Prague to accept the conversion of the existing ISO/TS 16952-10 to become a part a part of 81346-series of standard as ISO/TS 81346-10 but first considering the comments from TC 3 NCs related to normative references.....	7
Decision 8 : TC 3 decided at its meeting in Prague to propose to ISO/TC 10 that a text will be commonly prepared (by Mr Brückner and Mrs Rosenkranz-Wuttig) for introduction in the foreword. The text shall give the background for how the TS have been prepared .....	8
Decision 9 : TC 3 decided at its meeting in Prague to ask Mr Selvik to prepare his proposal of procedure for maintenance of the 81346 series in a document for circulation. The Secretary will circulate the proposal to the NCs for information and commenting. ....	8
Decision 10 : TC 3 decided at its meeting in Prague to accept the proposed task of the coordination group for 81346 series of standards and to ask the Secretary to circulate the final proposal of coordination group to the NCs for voting.....	8
Decision 11 : TC 3 decided at its meeting in Prague to nominate Mr Henrik Balslev as Convenor of MT 62023 and MT 62027. ....	8
Decision 12 : TC 3 decided at its meeting in Prague to recommend that the rules defined in the proposed part 2 should be included in next release of part 1 and if part 2 will be required it should be a Technical Specification (TS). ....	9
Decision 13 : TC 3 decided at its meeting in Prague to encourage the Secretaries of TC 3 and ISO/TC 10 to agree on setting up a joint working group and to commonly prepare a review report.....	9
Decision 14 : TC 3 decided at its meeting in Prague to set up a maintenance team with the task to rework IEC/PAS 62515 to IEC/TS 62515. The Convenor of the team shall be Mr Fritz Reuter.....	9
Decision 15 : TC 3 decided at its meeting in Prague to ask Mr Reuter and the Secretary to ask TC 3 Technical Officer to advise about the best way to correct the fault in IEC 82045.....	9
Decision 16 : TC 3 decided at its meeting in Prague to ask the Secretary to arrange that PT 62507 will be changed to MT 62507 and to call for a Convenor of MT 62507. ....	10
Decision 17 : TC 3 decided at its meeting in Prague to postpone the work of IEC 62507-2 until MT 62507 has been established with a new Convenor.....	10

Decision 18 : TC 3 decided at its meeting in Prague to ask Mr Brückner to draft a statement for change of the scope to be circulated to the NCs.....	10
Decision 19 : TC 3 decided at its meeting in Prague to ask the Secretary and the Chairman to prepare a proposal to SMB based on the proposal of changed scope of TC 3 and comments from NCs.....	10
Decision 20 : TC 3 decided at its meeting in Prague to change PT 62666 to a maintenance team with the task to update IEC/TS 62666 and also to ask the Secretary to call for a new Convenor of MT 62666.....	11
Decision 21 : TC 3 decided at its meeting in to ask the Secretary to set up new maintenance teams for the standards of former TC 16.....	11
Decision 22 : TC 3 decided at its meeting in Prague to ask Mr Dijkstra and the Secretary to update the report of the task force and circulate the report to NCs for information .....	11
Decision 23 : TC 3 decided at its meeting in Prague to ask the Secretary to discuss the procedure for improvement of NC's engagement in the work with the TC 3 Technical Officer, and inform about the result or propose steps to take. ....	12
Decision 24 : TC 3 decided at its meeting in Prague 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 25 : TC 3 decided at its meeting in Prague to ask the Chairman and the Secretary to make necessary corrections of the PW and send the updated version to SMB as parts of the RSMB. ....	13
Decision 26 : TC 3 decided at its meeting in Prague to ask the Secretary to send the updated version of the SBP to SMB as parts of the RSMB.....	13

