



INTERNATIONAL ELECTROTECHNICAL COMMISSION

Technical Committee No. 3 Documentation and graphical symbols

Day report from the meeting held in Kyoto 1999-10-28

1. Opening of the meeting

Documents 3(Kyoto/Secretariat)1, 3(Kyoto/Secretariat)2

The Chairman opened the meeting: We have seldom seen so many facilities to make our work successful - on one side the most advanced facilities are available – on the other also traditional arrangements. This has happened because of the natural Japanese hospitality. He thanked the Japanese National Committee for all its efforts to make this meeting a success.

He then announced that among the participants at the meeting we have today a Lord Kelvin Award winner: Professor Hiroaki Ikeda.

Prof. Ikeda expressed that he was very pleased to receive this award, and thanked also the colleagues for kind guidance.

The Chairman gave a special welcome to the delegates from Malaysia and China, who has not earlier taken so much part in the work of the committee, and wished that they would find the work of interest.

He also welcomed observers and Mr Cordelier from the Central Office.

2. Approval of the Draft Agenda

Document 3/543A/DA

The agenda was approved.

3. Report from the Chairman of TC3

The Chairman said that there are many reports today. His own would be quite short, since today he is in a position to give only suggestions, because of his retirement as Chairman.

1. The recognition that TC3 has achieved is in great measure due to the trust that the users out in industry has put in us. This gives us an obligation to very precise in order standards work. The standards must reach the top level of technical content, but they must also be on the top level for an easy access. The reader must be led step by step. This is a new aspect, that must be stressed.
2. We have a horizontal function. This means that we need many liaisons, on two levels: to ensure that the others should not do the work to be done by us, and on the other hand the liaisons serves as a second way for more input.

Our ways to handle this might not be as good as they should be. On the occasion of a general meeting the officers from other committees could be invited to informal meetings. The problem is basically to find the right committees. The meeting in Stockholm might be the occasion since many officers are invited.

Mr Radley informed that in this context it was worth noting that all the horizontal standards will be made available for all officers of TCs on the IEC site. Mr Reuter asked what about the other standards, they are also of interest?

Prof. Ikeda said that this is something that the National Committees has to take care of. Some NCs has already given their members a wider access to standards, and the Japanese NC is also planning to do so.

4. Note of the approval of the minutes from the previous meeting of TC3 in Charlottenlund 1998-11

Document 3/538/RM

The Chairman noted that the minutes from the previous meeting had been approved without changes.

The Chairman suggested that we should nevertheless have a quick look through it to see if any questions remained.

Under item 5 there was a suggestion from Mr. Reuter that the information model developed by the Task Force needs updating, in order to reflect better how the implementation had been made.

Under item 7, the disbanding of SC3A and its WG2, the Chairman said that this was accepted and there had been no objections from the NCs to it. However, it seems that some might not have been sufficiently aware of the work done in this group. It is the task for all of us to inform about the ongoing work to the NCs. He especially recognised Mr. Van der Woud, the convenor of the group, and the work he had done during a number of years, and wanted this to be explicitly recognised in the minutes.

Mr. Reuter asked about which activities that decision 4 had resulted in. The Secretary answered: so far none, except that the problem was reported to the RCA. The problem is considered to be easier solved when we have the new procedures in place, and can use the database.

5. Note of the minutes from the co-ordination meeting with Chairmen, Secretaries and Convenors held in Madrid 1999-05

Documents 3/541/INF, 3(Madrid/Secretariat)8A

The Chairman stated that we also this year had had a co-ordination meeting between Chairman, Secretaries and Convenors, timely situated between the plenary meetings.

The Secretary informed that the unofficial minutes of this meeting had been and still are available on the TC3 web site, and that Information about this had been circulated as document 3/541/INF.

Action items with regard to TC3 are listed in the report from the Secretary.

There were no comments.

3(Kyoto/Secretariat)19

6. Report from the Secretary of TC3, including actions taken as a result of the minutes

Document 3(Kyoto/Secretariat)3

The Secretary presented briefly his report, document 3(Kyoto/Secretariat)3, and commented especially the change of Chairman and that the Switzerland has informed that it will resign from the assistant Secretariat end of September next year. In the report he had said that if we get database and the new procedure to run properly, there might not be a need for a new assistant Secretary. However, this is really a condition, so there might still be a need.

There were no actions regarding the actions items.

The Chairman wanted especially the NCs (in Europe) to be aware of item 5.2.

7. Presentation and consideration of the result of the Workshop 1999-10-25

Document 3(Kyoto/Secretariat)4, 3(Kyoto/Secretariat)22, 23, 24 and 25.

The Chairman noted the TC3 workshop held earlier in the week. He thought that this had been a very useful one, and gave a specific thanks to Mr Maislisch, from the IEC/CO that had demonstrated the graphical symbols database.

The Secretary introduced briefly the report from the workshop, available as document 3(Kyoto/Secretariat)4. He mentioned that the slide presentation are available on the server in Kyoto as well as on the TC3 server.

The Secretary presented the summary list of results from discussions on marketing, included as annex E.

There were no further comments.

8. Report from the TC3 Task Force for the specification of the information requirements for the graphical symbols databases

Document 3(Kyoto/Task Force)5

Mr Scholz presented his report, document 3(Kyoto/Task Force)5.

Reuter: Update the information model within, say half a year. (2nd quarter 2000), so that the document adequately describes how the existing database is designed. This requires, however, not any work of the complete Task Force.

The Chairman noted the important work done by the Task Force and thanked the group and its Convenor, Mr. Scholz.

Decision 1: The model document 3(Charlottenlund/TF)7A should be updated after release of the database, to reflect the existing design. This should preferably be done by the experts that originally prepared the document (Mr. Selvik, Mr. Reuter, Mr. Radley)

Decision 2: The Task Force is disbanded after fulfilment of its original task, with a thanks for a well done job.

3(kyoto/secretariat)19

9. Report on the status of the IEC 60617 database and the status of the implementation of the new procedure for standardisation of graphical symbols

Documents 3/539A/DC, 3/548/INF, 3/539B/INF, CA/1552/QP, CA/1593/RV, 3(Kyoto/Secretariat)6

The assistant Secretary, Mr. Fornalski, presented his report, document 3(Kyoto/Secretariat)6.

Comments and questions:

Mr. Brian: What happens to the old projects that have been dormant for some time? Mr. Fornalski referred to the report from the VT meeting, in which it was stated that task II and other old projects should be entered as change requests into the database, when this is fully operative (Febr. 2000).

The Chairman pointed out that the project from UK should be started without delay in the context of task II.

Mr. Reuter noted that so far only NCs are envisaged as proposers for change requests. He pointed out that the Task Force originally had been that the input also from other persons and organisations should be documented. Mr. Fornalski responded that this had also been discussed in the VT, and the decision was that when a change request is registered, also information on the original proposer should be given in this request for the purpose giving further information on the proposal, if required.

Information on this should be included in the "help document" foreseen to be created for the database.

The Chairman brought up the question on further guidance to the NCs with respect to discussions and decisions on access rights to the database. He wanted that TC3 should supply additional information to the NCs, expressing our views as a technical committee.

Mr. Reuter pointed out that a document with such information is to a large extent already prepared, and referred to the slide presentation for the CA-members, used the previous day.

Decision 3: The Secretary should send an e-mail to the NCs of TC3 (use the address list of Kyoto) and inform about the existence of this document.

NOTE - For immediate information, the document is attached as an annex to this day report and also available as document 3(Kyoto/Secretariat)25.

10. Report from the Validation Team 60617 on validated graphical symbols in the IEC 60617 database

Document: 3(Kyoto/VT60617)11

Mr Fornalski presented his report 3(Kyoto/VT60617)11.

Mr. Clary: UK is opposed to that a P-member has not the right to vote on a FDIS.

Mr. Selvik: If an NC does not appoint a VT member, it is the same as to say that we do not bother.

Mr. Reuter: The person in the VT is the representative of the NC. That has been clearly explained in the procedure.

Mr. Clary: We have presently difficulties to find an expert that cover the entire field, but will do what we can to find a person.

3(Kyoto/Secretariat)19

Mr. Reuter: Some fields in the change request should be mandatory, e.g. to provide the reason for a change.

Mr. Brückner: Withdrawn symbols are said to be accessible, but this is valid also for proposals.

Mr. Selvik: A comment about dated versions: there may not be any dated version, but it will be possible to refer to the status on any specific date, since the status at a given date can be retrieved from the database because of the stored life cycle data.

Mr. Selvik: When we are putting in task II we are running the complete database procedure.

With these comments the report was accepted.

11. Report from the working group WG1 Revision of IEC 60617 Parts 2 – 11

Documents 3/555/INF (and 3A/442/WG)

Mr. Fornalski presented the report, document 3/555/INF.

The number of WG members is low, but he suggest to keep the WG, as it can assist at the loading of the change requests from task II.

Prof. Ikeda: If WG1 is to meet we should consider the replacement of the Japanese member.

Chairman: What is the situation with regard to parts 12 and 13?

Mr. Fornalski: There is presently no activity.

Chairman: Watch out for complaints on these two parts.

The report was then accepted.

12. Report from the Chairman of SC3B - Documentation - and relevant decisions

Document 3(Kyoto/SC3B)7

The Chairman of SC3B, Mr. Reuter presented his report, document 3(Kyoto/SC3B)7.

Chairman: What is the problem with the common work with ISO/TC10?

Reuter: The problem is the numbering: 8000 versus 6000 in cases where we have split responsibility for the different parts. If we do not know right from the beginning that there will be such a split, the number need to be changed at a time, when already several references in other documents have been made.

The Secretary pointed out that according to normal document management practice a document number is assigned when a document is initiated, and it is never to be changed. A document number should have the sole purpose of being used for referencing purposes.

Mr Cordelier said that as long as no part of the publication is published it is possible to change, and Mr Reuter interpreted this as an agreement to change the actual publication number from 62045 to 82045.

3(kyoto/secretariat)19

Prof. Ikeda: JWG11 has experience from the development of multi-part standards. In this case however, the split was known on early stage (in relation to present numbering rules).

Mr. Cordelier: Report to the CA that all parts in the 62045 is to be published in the 80000 series.

Mr. Viitanen: Regarding liaison to ISO TC46, note that we are also planning liaisons to IEC TC57.

Chairman: What about the technical discussions in the committees?

With this comments the report was accepted.

13. Report from the Chairman of SC3C - Graphical symbols for use on equipment - and relevant decisions document

Document 3(Kyoto/SC3C)8

Mr. Nakamura presented his report document 3(Kyoto/SC3C)8.

The Chairman asked about the second clause of item 6 about the maintenance.

Mr. Brigham responded that SC3C would like to avoid unnecessary bureaucracy. We use the term "maintenance team" with a different meaning than the normal.

Mr. Cordelier said that this is understood and accepted since the procedure is approved for a trial period of two years. During this time it should remain stable. If there are change proposals, save them, but do not change until the period is over. We cannot fine tune every day.

Regarding the possibility to have split voting, Mr Cordelier informed that this presently not possible, but this feature will be introduced shortly (weeks – a couple of months).

With this comments the report was accepted.

The meeting ajourned.

Users requirements

- 15 years ago
 - Image of the symbol in printed form
 - For manual use and use of “stickers”
- Today
 - Symbols directly usable in CAE-systems
 - preferably from the system vendor; or
 - from other single source (one stop shopping)
 - Libraries of symbols for specific purposes
 - Faster standardisation of symbols
 - Immediate status of symbols

IEC TC3 Graphical symbol database
Presentation for CA

Slide 1
1999-10-27

Offers by IEC

- Today
 - One printed publication
 - images
 - long update intervals
 - fixed publication structure and layout
- Tomorrow (by using the database)
 - Images, online update (1st step)
 - Can provide vector graphics (2nd step)
 - Can provide computer sensible symbols (3rd step)
 - Collections published for specific purposes

IEC TC3 Graphical symbol database
Presentation for CA

Slide 2
1999-10-27

Possibilities

- Symbol libraries (in computer sensible form)
 - Supply of any collections of symbols
 - System vendor subscription
 - IEC providing services to vendors
- Subscription availability
- Cost effective distribution form
- Facilitates the use and construction of symbols
 - Training, education
 - Application of the standards

IEC TC3 Graphical symbol database
Presentation for CA

Slide 3
1999-10-27

Further possibilities

- Life-cycle support of symbols
 - Additional access to:
 - proposed symbols
 - withdrawn symbols
 - Symbol maintenance
 - backgrounds
 - modifications performed
 - Symbol relationships
 - Status references to freely chosen dates

IEC TC3 Graphical symbol database
Presentation for CA

Slide 4
1999-10-27

Internal IEC possibilities

- Facilitates the procedures for co-operation with product committees
 - Database available on the Web
 - No need for searching in a book

Possibilities for NC's

- Different language versions
 - Consistent
 - Produced at lower costs
 - Shorter developing time
 - Equal quality
 - NC's can make nationally published extracts
 - Publications of any language combination possible

Marketing issues

- Image (GIF), preferably free
- Vector graphic (DXF, PDF), costs
- Additional textual information, costs
- Computer sensible symbols, costs
 - a STEP file in accordance with IEC 81714-2
- Any printed or electronic collections, costs

See also annex B of the last RCA from TC3