INTERNATIONAL ELECTROTECHNICAL COMMISSION

Technical Committee No. 3 Documentation and graphical symbols

Day report from the meeting held in Kyoto 1999-10-29

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The Chairman re-opened the meeting, and the agenda was continued with item 14.

14. Report from the Chairman of SC3D - Data sets for libraries - and relevant decisions

Document 3(Kyoto/SC3D)9.

The Chairman of SC3D, Dr. Radley, presented his report, document 3(Kyoto/SC3D)9, and gave the following additional comments to it.

Item 3: Actually three meetings have been held.

Item 6.1: The meeting in Stockholm could be used for the provision of further information.

Item 6.2: It is now clear that the IEC/CO will take over the role as maintenance agency. SC3D will therefore now start to talk details with the CO.

Item 6.4: Extensions to the EXPRESS model planned to be included in a new part 5, available early next year. This is a new work that we need to undertake. This should be included in the RCA.

Item 6.6: Discussions with the IEC/CO has taken place. It may be that the external bodies have used the standard in appropriate ways.

Item 7:

− A formal liaison to TC47 need to be established. Mr. Gehner to be liaison officer.

− The CIREP project is concluded and a new one, MERCI, set up. A formal liaison with MERCI will be established. Mr. Kisselmann will act as liaison officer.

− A formal liaison with the Japanese E-CALS roject will be established. Mr. Tanaka will act as liaison officer.

Chairman: The focus has for some time been on the graphical symbols database, but will now switch over to SC3D and the database for DETs. .

There are new proposals for DETs, but only those NCs that take part in the WGs are aware of this. Should not the other be informed?

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Created: 99-11-01, Printed: 99-11-01
Keywords: tc3, meeting, day report, kyoto

Regarding item 6.1: Has this letter been circulated? A small change might be helpful. The letter has been sent to the CO, but Mr Cordelier did not know at the moment if it had been processed, but should find out when coming back.

A question was raised whether a letter/AC is the most appropriate form? Is it possible to make it more compulsory? It was questioned whether this would really help:

Mr. Brückner: If a National Committee has no member in the VT/VA they have practically no possibility to vote (they abstain).

Mr. Selvik: The problem is that the TCs are not aware of what it is about. They need to be educated about the needs for CAE. It might be necessary for us to go around and tell them that.

Mr. Reuter: Is the letter going to the NCs or to the TCs? Answer: Both!

Why not participate in the IT-forum. Both for this matter and for the symbols in the graphical symbols database?

Mr. Radley: That is a valuable suggestion! Should be put in the RCA. Is it possible to use the IT-forum for this?

Mr. Selvik: Chairmen's and Secretaries' forum is also a possibility.

Mr. Radley: IT forum should be the main target. An advisory group set up along the lines mentioned by the Chairman the day before would also be useful.

Chairman: Is it now clear with the Maintenance agency?

Mr. Radley: So it seems. The decision of the CO to take over the MA came as a surprise, so now we will stop or other efforts.

The report was then accepted.

15. Report from the latest meeting of Sector Board 3 (SB3) and Sector Board Ad Hoc Group meetings (SB3AHG)

Documents SB3/42/RM, 3(Kyoto/Secretariat)10

The Secretary presented his report from the SB3 meeting, document 3(Kyoto/Secretariat)10, and highlighted some of the issues discussed. He said that the presentation of the SPS to the SB3 had led into some interesting suggestions and recommendations.

Mr. Reuter asked if not the requirements from SB3 ought to lead to a higher priority for the maintenance of IEC 61175 compared to IEC 61082.

Mr. Brückner said that these projects are running in parallel and no priority is given.

Chairman: The activities of SB3 was discussed at the CA meeting. Please look at the report when you come back. Next meeting is in January in Geneva. At that meeting TC65 will present its SPS for discussion. Who will attend?

Mr Reuter will represent TC3 this time.

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Mr. Reuter: We have several items of common interest with TC65. They may need to be discussed separately. E.g. contacts between SC3D and SC 65B should be considered.

Mr. van Noesel asked about the relation between ACET and SB3. Why do we have two co-ordination bodies.

Mr Cordelier pointed out that ACET is a pure co-ordination body between committees. SB3 will define strategies and priorities, so they have different tasks.

Mr Reuter added that they have also different scopes. ACET is for telecommunications, SB3 is for industrial automation. He also felt that SB3 is a stronger pusher.

The report was then accepted.

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

Document 3(Kyoto/Secretariat)15.

The Secretary presented his report, document 3(Kyoto/Secretariat)15, and pointed out that the MoU-MG had been quite active during the past year. They had e.g. produced a report on the relation between business data (EDIFACT) and product data (STEP).

An other important issue is the "Summit" on steps necessary to satisfy the business requirement for the harmonization of technical, business and documentation information, to be held next year. It may be necessary for us to have some kind of representation there, so that work carried out in e.g. SC3B (Metadata) and in SC3D (DETs) is not forgotten.

Chairman: e-business encompasses a very wide field.

Mr. Reuter: We have too many fora to take part in. The important issue here is the close contact between the SC3D DETs and EDIFACT.

It is difficult to get funding from companies for participation in meetings of this kind. How can I go there if there are no pressure from industrial standardization interests?

The Secretary pointed out that there may well be industrial interest, even if it the channels for it is not the normal standards organizations.

Chairman: Mr. Barta is the official representative for IEC in MoU-MG. He may be the link to use.

Mr. Reuter stressed that he cannot do it on its own. He needs support from TC3 (SC3D)

The report was then accepted.

17. Report on activities related to ACET and ACET Area 4

Document ACET/179/RM.

Mr van Reekum had attended the meeting in June and reported: It was a very short meeting for Area 4 (1 h), with few attendants.

Chairman: What is you conclusion?

Mr. van Noesel: This meeting was announced very close to the meeting. The future of Area 4 seems unclear. The activity is low. Mr. Barta gives preference to SB3.

The report was accepted.

18. Consideration of the report from IEC/TC3 - ISO/TC184/SC4 JWG9 - Electrical applications of ISO 10303 - Product data representation and exchange - and relevant decisions.

Documents 3/546/INF, 3/544/CDV, 3/545/FDIS.

Mr. Reuter reported:

AP 210 has been approved as DIS. No technical comments were received, so it was decided to publish directly as an IS without voting on an FDIS.

AP 212 has been submitted as a CDV. There are some technical comments with regard to interoperability with 214.

Outside of the standard a "Recommended practise" on the implementation is to be prepared. In order to participate you need to be involved in projects. If you want to be involved, contact persons in the work.

Chairman: Only a few of us know about the contents of these standards. Should we not have shorter presentation papers (management summaries)?

Mr. Reuter: Management summaries have been considered, in order to explain in which environments subsets could be used. Such summaries will be more useful for AP212 than AP210.

Mr. van Noesel: Regarding 210 a summary (a user summary) is in the pipeline (50 pages)

Mr. Reuter: These APs will next year become ISes. They should only be provided on CDroms.

Mr. Selvik: The hints on which parts of these documents to download was of real value, and similar guidance should also be provided for the ISes.

The report was accepted.

19. Review the P- and O- membership of the committee

Document 3(Kyoto/Secretariat)12

The Secretary presented the report 3(Kyoto/Secretariat)12.

3(Kyoto/Secretariat)20

The committee agreed to make a new review in the beginning of next year when we should get more comprehensive figures to base the conclusions on.

Chairman: The first option should of course be to increase active participation.

20. Discussion of the Draft Strategic Policy Statement decisions taken in the sub-committees

Document 3/540/SPS

The Secretary informed that the CA had considered our SPS to be well suited for internal purposes , but that it was too long and detailed for external use. He suggested that one way to solve this would be to provide an executive summary in the beginning. This would of course make the document even longer, but external users would not need to read the whole document.

Chairman: This is a very significant document, internally as well as externally. Is its purpose fulfilled?

Mr. Cordelier: It would be useful with an executive summary.

Mr. Thorn: Is it possible to split it in two parts? Mr Cordelier said that it is not.

Mr. Reuter: The Canadian comment to the SPS also said that TC3 was considered to be only a service provider to the other committees. What is the opinion on this of the delegates around this table? From my personal view my highest concern is for the industry, other committees is important but of second concern.

Mr. Cordelier: I agree, but TC3 is still a horizontal committee, that is supposed to serve the others.

Mr. Brückner: We only need to look from where the requirements are coming.

Chairman: Requirements are sometimes channeled through other committees.

Mr. Cordelier: The image of a horizontal committee in combination with external activities should be pointed out in the RCA. As a comment to the CA comment state that we consider that we have both roles, and that we see no difficulties in that.

Mr. Thorn: I cannot see any difficulties with such a position.

The Chairman then asked the SCs if they had decided on any essential changes of the SPS.

SC3B: Only editorial

SC3C: Only editorial

SC3D: Only editorial

The input should reach the Secretary in the beginning of December, so that the updated SPS can be attached to the RCA that need to be circulated to the CA in end of December in order to be discussed at the meeting of the CA in February 2000.

21. Discussion of the "image" of the committee, and proposal for modification of the name.

Document 3/554/DC.

The Secretary introduced the subject with reference to document 3/554/DC. In addition to the names proposed in the document, also the name "Information structures, documentation and symbols" had been suggested in a comment.

After a lengthy discussion, in which one of the most important questions was whether the title should contain "symbols" only, or "graphical symbols", consensus was reached about the title "Information structures, documentation and graphical symbols" (although the opinion that "graphical" should be omitted was quite strong, since SC3B and SC3D also deal with symbols in a general sense, but they are not graphical).

It was agreed that the addition of "information structures" would better reflect some activities in e.g. SC3D and SC3B.

Decision: The proposal for a new title "Information structures, documentation and graphical symbols" should be included as a "Question of Principle" in the RCA.

Document 3/554/DC also dealt with a second subject, that of "wrapping". The Chairman pointed out that what a user sees and reads first is

- The title;

- The introduction; and

- The Scope.

It is therefore very important that these three things are simple and provides an accurate picture of the contents of a document. This has not been taken seriously enough before, but must be so for the future.

Decision: The committee decided to improve titles, introductions and scopes of the publications.

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

a) IEC TC16 Terminal markings and other identifications [Liaison officer: Mr. E. Selvik] 3/556/INF

Mr. Selvik, who is also Chairman of TC16, presented his report, document 3/556/INF. In addition he mentioned that TC16 had made complaints to the CO for the way the designations AC and DC versys the abbreviations a.c. and d.c. had been dealt with in the directives. TC16 had provided the CO with new examples to be used in the ongoing revision.

Chairman:The AC/DC question is important, harmonize also with TC1!

Mr. Selvik also told that the existence of TC16 had been questioned in a document to the NCs form the CA, because of the low participation. Suggestions had been to joint to other relevant committees: TC44, TC64 or TC3. The decision based on the responses had been that TC16 should meet at General Meeting in order to raise participation, so the next meeting would be held in Firenze, Italy 2001.

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Because of the horizontal nature of the questions dealt with in TC16, he felt, however that if the question comes up again a joining to TC3 would be the most adequate.

The report was then accepted.

b) IEC TC44 Safety of machinery - electrotechnical aspects [Liaison officer: Mr. T. Viitanen], 3/550/INF

Mr. Viitanen presented his report, document 3/554/INF.

The report was accepted.

c) IEC TC52 Printed circuits [Liaison officer: Vacant]

No report.

d) IEC TC65 Industrial-process measurement and control [Liaison officer: Mr. T. Viitanen], 3/551/INF

Mr Viitanen presented his report, document 3/551/INF.

The report was accepted.

e) IEC TC93 Design automation [Liaison officer: Mr. T. Viitanen], 3/552/INF

Mr Viitanen presented his report, document 3/552/INF.

The Chairman suggested that it may now be the opportunity to clarify our relations with this committee. In the meeting of SC3D Mr. Radley has been suggested to discuss this with the Chairman of TC93, Mr Heaton.

f) ISO TC10 Technical drawings, product definition and related documentation [Liaison officer: Mr. J. Aagaard], 3(Kyoto/ISO TC10)13

The Secretary presented the report from Mr. Aagard, document 3(Kyoto/ISO TC10)13.

Mr. Brückner asked about ISO 14617 and the electrotechnical symbols. The Secretary replied that he had got the information that what is now excluded are the "pure electrotechnical" symbols. This is not the same thing as symbols appearing in IEC 60617, since symbols of general nature, such as variability, etc, have also an ISO origin, and are consequently kept.

Mr. Selvik declared that it is very regrettable that 10 years of work has not been possible to bring the anticipated conclusion due to administrative reasons.

The Chairman replied that the relations between the organisations seem not to be good. However, once the database is in operation a door could be opened.

Mr. Reuter: Please keep the remark from Mr. Selvik in the minutes. What we see here is a waste of some million of dollars.

Mr. Thorn added that this should be brought into the RCA.

Mr. Reuter: Add also that IEC should offer ISO to keep the symbols in the database.

g) ISO TC184/SC4 Industrial automation systems: External representation of product definition data [Liaison officer: Mr. F. Reuter] 3/546/INF

Mr. Reuter presented the report, document 3/546/INF.

The report was accepted.

h) ISO/IEC JTC1/SC2 Coded character sets (3B/273/DC)

The Secretary described the decision on IEC61286 taken in SC3B: We will ask ISO/IEC JTC1 SC2 to prepare a mapping table between IEC 61286 and ISO/IEC 10646, and publish this as a Report. The Standard IEC 61286 will be kept for the time being, since it as 8-bit character code, which ISO/IEC 10646 is not.

Mr. Reuter suggested that the progress with regard to the control functions that we asked for a couple of years ago, should be investigated again.

23. Review the Work Programme of TC3

Document 3/549/PW.

The project database will be updated following the decisions in Kyoto. Projects from the former SC3A have already been moved to TC3.

24. Note of and consideration of marketing efforts: the revised Documentation pamphlet. Reports from the National Committees

Document 3/542/DC

The Chairman thanked the CO for the efforts they have put into this marketing pamphlet, and asked the delegates from the NCs to explain how they had used it.

DK: We find it absolutely useful. 100 copes have been forwarded to miscellaneous organisations. We have planned to make a Danish version.

FI: We have a Finnish pamphlet, which we have distributed in paper form and also on our web page. We have also distributed the English version to some companies.

DE: 500 copies have been ordered and distributed. We have so far had no feedback on the result.

JP: 500 have been distributed and 500 have been available in the Kyoto meeting site. A bilingual en/jp version has alspo been produced. A lot of pamphlets have been taken.

NL: We have distributed it internally (in companies) at some occasions.

UK: So far it has only been distributed within BSI environment.

CH: The pamphlet has been distributed in the mirror committee.

NO: We have not distributed it at all. We have made references in National standards (for building installations).

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FR: 300 copies have been distributed to NC committee members. No feedback at the moment.

SE: Distributed in the mirror committee and considering further distribution.

Chairman: What is the result? Can CO see any changes in sales figures?

Mr Cordelier: CO has only the own figures and cannot see what the NCs are doing.

Chairman: Do we get more members?

Mr. Thorn: Only if we follow up the distribution of pamphlets with personal contacts.

Chairman: Yes we all need to get more personally involved in the marketing.

Mr. Ikeda: I had a meeting with Jonathan Buck, Head of Sales, Marketing & Information services of the IEC/CO. The CO would like to make a marketing effort for IEC 60417, making use of the material at the Chiba server. They see an urgent need to market Iec 60417. Probably only a limited part of the database need to be used.

The Chairman congratulated to the efforts made and results achieved since 1993.

Mr. Reuter asked: What is the feedback from the press releases we are providing when we publish new standards. We supply the CO with material for them, but what happens then?

Mr. Cordelier: The are sent to different publication publishers. We have no control of their usage.

Mr. Reuter suggested that they could also be used on our web pages.

25. Note of the use of the TC3 web site on the IEC-server. Presentation pages on the web

No document (3(Kyoto/Secretariat)14 has not been issued.)

The secretary informed that he had not been able to get the statistical basis for a report like the one given last year, since it had been necessary to give priority to other work.

The TC3 web site was restructured in the beginning of 1999 with the aim to make it easier to update and easier for external users to access and find relevant information. He also mentioned that all SCs in TC3 are now using the site, together with many working groups.

The committee appreciated the new structure.

Mr. Ikeda informed that the General Secretary had informed that the TC3 part of the web site is among the top ten with regard to visits.

Mr. Thorn asked about working group documents, and the Secretary informed that there is no limitation with regard to putting WG documents on the server: prepare a WG page and add the documents. To make meeting folders like those we are now using in the committees is a quite easy matter.

26. Any other business

a) AC 113 Guide 113.

Mr. Viitanen draw attention document AC 113 about horizontal committees. They ask for comments, and the Secretary informed that TC3 is prepared to give a reply.

b) Beaver of the year 1999-11-01

Mr. Reuter gave an appreciated presentation of the "Beaver of the year" award 1999: Mr. H. Brückner, and handed over the diploma.

c) To the Chairman

Mr. Reuter also handed over a book about Kyoto and Nara from the Chairmen and Secretaries of the to Mr. J. Bodin, who after this meeting will retire as Chairman of TC3.

27. Date and place of next meeting 2000. Preliminary planning for 2001 112/AC GM Stockholm

a) Meeting in Stockholm in September 2000

The Secretary informed that next meeting will be held in Stockholm in connection with the General Meeting 2000. The schedule for the meeting is so far a copy of the schedule for Kyoto, and asked if there were any suggestions for changes, and got the following replies:

- SC3C want to have 3 days.

- JWG11 need 2 days (14-15th September) in connection with SC3C).

- SC3D wants 1 day

- SC3B wants 1 day

- TC3 needs 1 day

- The VT 60617 may not need any meeting, since it is supposed to work electronically. However, if more new members are added, a meeting would nevertheless be of value for social reasons.

- The workshop will need 1 day.

Mr. Reuter suggested that all efforts are made to keep the plenary meetings in one compact block the second week in order to limit the overall stay for most delegates, and that possible WG meetings are held the first week. A 4 day block (with one day added for SC3C) for SCs and TC, including the workshop, should be sufficient.

This would result in the following overall pattern:

JWG11	JWG11	SC3C	TC3	SC3C	SC3C	TC3
WG?	WG?	WG?	Workshop	SC3B	SC3D	plenary

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Depending on the overall planning and availability of rooms the TC3 plenary could be held either on the Thursday or the Friday the second week and the whole block adapted to that. This has to be checked with the organizers.

b) Meeting 2001

The Secretary informed that we have got a preliminary invitation from the Italian National Committee to the General Meeting in Firenze, Italy, 2001. If we want to attend this meeting we should indicate our interest for this before Nov. 15.

The committee was positive to this. (The preliminary time schedule will then be based on the one above.)

c) Meeting 2002

The Secretary informed that the General Meeting 2002 will be held in Bejing, China. With respect to TC3 no planing is made yet.

28. Close of the meeting

The Chairman said: I have now to leave the job that you have granted to me.

During a number of years I have been working I have noticed your dedication. I have also seen how we have had to adapt to changes in external conditions.

I am quite confident that the continuation with hand Br¨ckner will be successful.

Thanks for the plaque and the book.

Thanks to the Secetary.

Finally, thanks to the Japanese National Committee, but also to the Chiba University, for the excellent conditions at this meeting and the hospitality.

The Chairman then closed the meeting and handed over the club to Hans Brückenr.

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