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3A/482/RM

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

TECHNICAL COMMITTEE NO. 3:
DOCUMENTATION AND GRAPHICAL SYMBOLS

SUB-COMMITTEE 3A: GRAPHICAL SYMBOLS FOR DIAGRAMS

**Unconfirmed Minutes of the meeting of SC 3A held
on 22nd and 23rd October 1997 in New Delhi, India**

Present:

Chairman: Mr. E. Abel (Germany)
Secretary: Mr. A. Fornalski (Switzerland)
Central Office: Mr. R. Cordelier

<u>Country</u>	<u>Delegates</u>	<u>Country</u>	<u>Delegates</u>
CHINA	Mrs. Y.H. Liu Mrs. Y. Lu Mrs. G. Ting	JAPAN	Mr. H. Ikeda
DENMARK	Mr. I.G. Joergensen Mr. K.A. Thorn	MALAYSIA	Mr. T.P. Goh
FINLAND	Mr. T. Viitanen	NORWAY	Mr. J. Pettersen
FRANCE	Mr. J. Bodin Mr. J. Dubray	SINGAPORE	Mr. B.C. Tan
GERMANY	Mr. H. Brückner Mr. R. Scholz	SWEDEN	Mr. B.I. Sjögren
INDIA	Mr. D. Goswami Mr. V.K. Khandelwal Mr. P. Kumar	UNITED KINGDOM	Mr. G.B. Nicholson
ITALY	Mr. G. Chiarella		

8. To note the current documents and their further development

8.1. *Draft TR - Mnemonics for integrated circuits* *Report of voting*

3A/460/CDV
3A/472+A/RVC

SC 3A agreed with the publication of the Technical Rapport in a next step, taking into account the comments received and the observation of the Convenor of the WG 2 as in document 3A/472A/RVC.

Decision 2

The Secretary will arrange with WG 2 the preparation by June 1998 of a Camera Ready Copy for printing TR.

8.2. *Proposal of SC 3A/WG 2: Amendment to IEC 60617-12* *(ed. 3, 1997, to be published in December 1997)* *Report of voting*

3A/461/NP
3A/469/RVN

Decision 3

WG 2 is requested to prepare a follow-up document by the end of December 1998. It is left to WG 2 whether it shall be CD or CDV.

8.3. *Graphical representation of analogue and digital functions*

3A/466/INF

Document 3A/466/INF was notified. The content of this document is included in the IEC TC Newsletter No. 2 - October 1997, under the heading „Horizontal work deserves more support.“

9. To discuss the documents

9.1. *Draft - New symbols for devices used in building installations* *Compilation of comments*

3A/458/CD
3A/468/CC

The following conclusions were agreed regarding comments collated in document 3A/468/CC:

BE 1: The orientation of the symbol depends on its use on the diagram.

BE 2: Editorial, accepted

BE 3: To be considered on the next step. The German NC will prepare a proposal for an example of an installation diagram. This example should be forwarded to SC 3B in order to be included in IEC 61082.

DK: Accepted

FR 1: Editorial, accepted

FR 2: It does not belong to the headline

FR 3: It should be explained with examples

DE c: Accepted

DE d: Accepted

DE f: The change of the arrow is not accepted, the change of the description is accepted.

The symbols g, h and i shall be examples.

Decision 4

The German NC is requested to prepare a second CD by 1998-02 taking into account the above conclusions and also the Swedish proposal as it is included in 3A/468/CC.

- 9.2. *Draft - New symbols for gas zone diagrams*
Compilation of comments

3A/467/CD
3A/478/CC

The symbols shall have short names. The majority of the delegates were of the opinion to prepare a CDV as a next step.

The title should read: „Symbols for gas zone“.

The French delegate agrees to provide the French translation.

Decision 5

The GB National Committee is requested to prepare CDV by 1998-02 taking into account a shortening of the names.

- 9.3. *Proposal of the German NC on 617 data base*
Collation of comments

3A/470/INF
3A/479/INF

Because of common interest for this item the representatives from SC 3D were invited for the beamer presentation on this subject. The presentation of the preliminary concept of the data base was made by the German delegate, Mr. R. Scholz.

It was explained that the data base contains only the graphical symbols, indexes and descriptions as they are standardized in IEC 617. In the actual form it cannot create graphical symbols. There are no possibilities to change the graphical symbols, which are in separate files connected to the data base (by OLE). There is also no possibility to use the symbols directly in CAD-systems.

The discussion shows that there is a great demand for such a data base, as it is a powerful tool for maintenance and future editions of IEC 60617 making easier preparation of drafts in Working Groups.

Special thanks were addressed to Mr. Topp from the German National Committee who has prepared this data base. It is also hoped that in the future he will be supported by the German NC, due to importance and necessity for a quick realization of the data base.

The data base shown in the presentation (at the moment limited to IEC 60617-3) is available on request in an electronic format.

Decision 6

SC 3A recommends TC 3 to set up a special Task Force for further development of a data base. This Task Force shall be allocated to TC 3, as the data base is also of interest to the other SCs which should have a chance to contribute to this work. DE, DK and NO delegates have declared to take part in this Task Force. The other National Committees are also invited to participate in this work.

3A/477/INF