



For IEC use only

3C/816/RM

2001-11

INTERNATIONAL ELECTROTECHNICAL COMMISSION

TECHNICAL COMMITTEE NO. 3: INFORMATION STRUCTURES, DOCUMENTATION AND GRAPHICAL SYMBOLS

SUBCOMMITTEE NO. 3C: GRAPHICAL SYMBOLS FOR USE ON EQUIPMENT

Unconfirmed minutes of the meeting
held in Oslo on 2nd and 3rd October 2001

Present:

**Acting Chairman/
Secretary:**

Mr. Hiroaki Ikeda (Japan)

COUNTRY

DELEGATES

**Tuesday
2nd October**

**Wednesday
3rd October**

CHINA

Mr. Chunaling Chen
Prof. Shilin Li
Mr. Dongbao Li
Mr. Xiuqiang Song

X

X

X

X

CZECH REPUBLIC

Mr. Josef Rymus

X

X

DENMARK

Mr. Karl-Anker Thorn

X

FINLAND

Mr. Tapio Viitanen

X

X

FRANCE

Mr. Fabrice Topcha

X

X

ITALY

Mr. Giuseppe Chiarella

X

X

JAPAN

Mr. Yoshinari Horimoto
Mr. Motoya Mohri
Mr. Katsuo Takada

X

X

X

X

X

X

NETHERLANDS

Mr. Fred Brigham

X

X

UNITED KINGDOM

Mr. John Perry
MBE. John Charles Wall

X

X

X

X

Observer

CENTRAL OFFICE

Mr. Jack Sheldon

Apologies:

Chairman (Mr. Yuji Nakamura), AUSTRIA (Dr. Gerhard Nentwich),
GERMANY (Mrs. Anette Schwuchow) and ISO/TC 145 (Dr. David Fishman).

Item	Document
<p>1. Opening the meeting</p> <p>Secretary (Mr. Ikeda) opened the plenary meeting. He reported received apologies from Chairman (Mr. Nakamura), Austria (Dr. Nentwich), Germany (Mrs. Schwuchow) and ISO/TC 145 (Dr. Fishman).</p> <p>Mr. Ikeda was appointed as Acting Chairman for the meeting.</p>	
<p>2. Approval of the draft agenda</p> <p>Further revised draft agenda was approved without change.</p>	3C/761A/DA
<p>3. To receive and discuss reports from IEC/CO</p> <p>Acting Chairman and Secretary introduced Mr. Jack Sheldon as expected new IEC Officer for SC 3C with thanks to Mr. Raymond Cordelier for his long service in SC 3C. All delegates welcomed Mr. Sheldon. He made a report on important matters for SC 3C; the new ISO/IEC Directives Edition 4 that came in to force in July and more specifically Annex J to IEC supplement to the Directives.</p>	
<p>4. To receive and discuss report from the Secretariat on follow-up to the last meeting in Stockholm</p>	
<p>4.1 To note the approval of the minutes of the previous meeting of SC 3C in Stockholm 2000-09-15, -19 and -20</p> <p>Minutes from the last Plenary meeting in Stockholm were confirmed.</p>	3C/625/RM
<p>4.2 To note consolidation of the SC 3C Advisory Panel</p> <p>The relevant documents were noted. Secretary stated the consolidated SC 3C Advisory Panel is continuously open to P-member countries and encourage all members to participate in the Panel.</p> <p>DECISION 1: SC 3C asked UK to seek possible nomination for Advisory Panel.</p>	3C/639/AC 3C/699/INF
<p>4.3 To note the ratification of the report from the previous meeting of SC 3C Maintenance Team / Advisory Panel in Firenze 2001-03-18, -19 and -20</p> <p>Acting Chairman reported the SC 3C Maintenance Team / Advisory Panel meeting held in Firenze in March 2001 in accordance with the agenda 3C/640A/INF.</p> <p>DECISION 2: SC 3C ratified the decisions taken and reported in 3C/708/INF.</p>	3C/640A/INF 3C/708/INF
<p>4.4 To receive a report from the Secretary of SC 3C, including actions taken as a result of the minutes and the report</p> <p>Secretary presented a written report on the actions taken as follow-ups to all decisions from the meetings in Stockholm in September 2000 and in Firenze in March 2001. Delegates were noted that all decisions were followed up.</p>	
<p>4.5 To note the minutes from the co-ordination meeting with Chairmen, Secretaries and Convenors held in London on 2001-04-02/03</p> <p>Secretary made a brief report by focusing on items of direct relevance to SC 3C including extension of the terms of office of the current Chairman, Mr. Yuji Nakamura, for additional three years.</p>	

4.6 Status of documents

4.6.1 Publication of graphical symbols approved after Stockholm and Firenze meetings

Approved graphical symbols (68) would be published in conventional form (as paper version). Secretary thanked for the assistance of Mr. Fred Brigham.

4.6.2 Status of Final Draft International Standards

Secretary summarized FDIS's circulation and corresponding RVD's issued.

3C/656/FDIS: **3C/734/RVD**
 3C/677/FDIS: 3C/736, 737, 738/RVD
 3C/681/FDIS: 3C/739, 740, 741, 742, 743, 744, 745, 746, 747/RVD
 3C/691/FDIS: 3C/748, 749, 750/RVD
 3C/695/FDIS: **3C/751**, 752, 753/RVD
 3C/703/FDIS: 3C/759/RVD
 3C/762/FDIS: 3C/777/RVD
 3C/764/FDIS: 3C/xxx/RVD

It was noted that 3C/734/RVD on IEC 60417 f78 Ed.1 "Graphical symbol for caution, ultraviolet radiation" and 3C/751/RVD on IEC 60417 f7301 Ed.1 "5879 Pr. Self-timer" reported rejection of the graphical symbols. Since the justifications for the negative votes on 5879 Pr were editorial nature, SC 3C decided after discussion as follows.

DECISION 3: SC 3C requested the Secretariat to amend 5879 Pr taking into account the received comments in 3C/751/RVD and to circulate a CDV.

4.6.3 Status of Committee Drafts

Secretary reported the status of the committee drafts as listed in the right. Unofficial compilation of comments closed just before the meeting (2001-09-28) were tabled for information. In the light of lack of interest of the product committee, SC 59D, following decision was taken.

DECISION 4: SC 3C canceled the project IEC 60417 f56 Ed. 1.0 (Graphical symbols for tumble dryers), the last document 3C/428/CD.

3C/428/CD
3C/711/CDV
3C/714/CDV
3C/720/CDV
3C/721/CDV
3C/729/CD
3C/730/CD
3C/731/CD
3C/732/CD
3C/755/CDV
3C/758A/CD
3C/763/CD
3C/781/CDV

4.6.4 Status of new graphical symbol proposals

Secretary reported that they were visible at a common information channel among relevant product committee at <http://www.map.tu.chiba-u.ac.jp/IEC/60417>.

4.6.5 Survey of graphical symbols currently under consideration (as of June 2001)

Secretary drew the members' attention to the graphical symbols with flags in red letters in the document 3C/771/INF.

DECISION 5: SC 3C decided to delete the following graphical symbols from the list of under work; Pr 00-146, 5007/96, 5008/96, 5010/96, 5011/96, 5775 Pr, 5834 Pr, 5835 Pr, 5836 Pr, 5837 Pr, 5838 Pr, 5839 Pr, and 5878 Pr.

3C/771/INF

5. To receive and discuss report from ISO/TC145 - IEC/SC3C JWG11 "Revision of IEC 60416, ISO 3461-1 and ISO 4196"

3C/709/INF

The report from the last meeting of the JWG 11 was noted and SC 3C expressed thanks to the members and convener of JWG 11.

5.1 Report on IEC 80416-1: Basic principles for graphical symbols for use on equipment – Part 1: Creation of graphical symbols

Secretary reported IEC 80416-1 Ed.1: 2001 was published in June 2001 in accordance with 3C/654/RVD by IEC administration. He also flagged the validity date was 2003.

DECISION 6: IEC 80416-1 Ed.1: 2001 should be confirmed and the new validity date should be 2005.

5.2 Report on ISO 80416-2: Basic principles for graphical symbols for use on equipment – Part 2: Form and use of arrows

Secretary reported ISO 80416-2: Ed.1 was also published in July 2001 by ISO administration.

5.3 Report on IEC 80416-3: Basic principles for graphical symbols for use on equipment – Part 3: Guidelines for the application of graphical symbols 3C/745/CDV

Convener JWG 11 reported that 3C/745/CDV was under voting under this project.

5.4 Report on ISO 80416-4: Basic principles for graphical symbols for use on equipment – Part 4: Supplementary guidelines for the adaptation of graphical symbols for use on screens and displays (icons) 3C/760/INF 3C/775/INF

A new work item proposal as a result of preliminary work of JWG 11 was voted in ISO administration as informed by 3C/760/INF. After the voting in ISO, it was approved as reported by 3C/775/INF. Convener reported a revised working draft was under development by the project leader from UK.

It was agreed that the new project should not be a duplicated work and compensate the works already done and going on. Secretary noted that necessary coordination with ISO/IEC JTC 1/SC 35 had been done by the Secretariat ISO/TC 145.

6. To receive and discuss report on liaison activities

6.1 Reports from liaison organizations – ISO/TC 145, ISO/IEC JTC 1/SC 35, ISO/COPOLCO, CEN/CENELEC, ITU-T, ETSI

There were no written reports available from the liaison organizations. Secretary aurally reported some common activities. Mr. Perry, nominated convener for ISO/TC 145/WG 5 "*Graphical symbols: Technical guidelines for the consideration of consumers' needs*" reported a new activity in ISO/TC 145. It was noted that SC 3C should watch the new activity.

6.2 Review of liaisons

DECISION 7: SC 3C agreed to abandon the attempt to formally liaise with ETSI.

DECISION 8: SC 3C should maintain internal liaisons by listing up all liaisons with bi-directional liaison representatives.

7. To discuss result of voting and comments on Committee Draft for Voting 3C/628/CDV

Three graphical symbols in 3C/628/CDV: Serial and parallel interface were approved. However, as reported by 3C/769/RVC, Chairman of the USB Promotion Group expressed his concern regarding copyright for "USB icon", i.e., 5912 Pr. Consequently, the IEC Central Office is in discussion with the USB Promotion Group. It is expected to establish a copyright agreement between both organizations before the

publication of the graphical symbol 5912 Pr.

DECISION 9: SC 3C requested to progress the graphical symbols 5850 Pr and 5851 Pr to the next stage, FDIS. For 5912 Pr, the Secretariat would wait any progress of the dialogue between IEC/CO and the USB Promotion Group.

8. To discuss graphical symbols for processing following the “Fast Procedure” and activity of “Advisory Panel”

8.1 To discuss the activity of Advisory Panel

Secretary reported co-operation with other committees, in particular with TC 13, SC17B, SC 22G, TC 23, SC 23H, TC26, SC 32B, SC 32D, TC44, SC 45B, TC 61, SC 61F, SC 62A, SC 62B, SC 62C, SC 62D, TC 74, SC 77A, TC 78, TC 96, TC100/TA 3, and TC100/TA 5 as in <http://www.map.tu.chiba-u.ac.jp/IEC/60417>. Among a lot of issues, the result of consensus between SC 3C Advisory Panel and SC 62A in fast procedure for the SC 62A project IEC 60878 Amd.1 f1 TR Ed. 1.0 was table.

DECISION 10: SC 3C agreed to circulate the result of consensus on SC 62A project IEC 60878 Amd.1 f1 TR Ed. 1.0 for SC 3C Validation vote (FDIS).

DECISION 11: For German proposals in 3C/733/CD (Pr 01-036 and Pr 01-037), SC 3C decided to wait a response of SC 59D. **3C/733/DC**
3C/772/INF

DECISION 12: SC 3C decided to process further on “Maintenance requests of TC 61 for graphical symbols for use on washable shavers and wet shavers (Pr 01-039 and Pr 01-040)” in synchronization with the progress in TC 61. **3C/765/INF**

DECISION 13: SC 3C decided to refer back to TC 61 on “Maintenance request of TC 61 on graphical symbol for battery charger suitable for use by children (5936 Pr).” **3C/766/DC**
3C/788/INF

DECISION 14: SC 3C decided to accept the input from SC 62D on graphical symbol: Cardiac pacemaker/Defibrillator (Pr 01-041) as SC 3C fast procedure and to validate by circulating an FDIS. **62D/370/CD**
3C/770/INF

DECISION 15: SC 3C decided that “Maintenance request from SC 62A, Pr 01-044” was not mature enough and to refer back to SC 62A. **3C/780/INF**

8.2 To received a report and discuss the activity of Advisory Group for TC 96 (AG96)

A report from the AG 96 was discussed together with a revised input from TC 96. SC 3C confirmed that any symbol originals should be in line with IEC 80416-1 and ISO 80416-2. **3C/638A/INF**

DECISION 16: SC 3C decided to disband ad hoc group implemented in SC 3C Advisory Panel in March 2001 (Advisory Group 96) upon receiving the report with thanks to Group Leader Mr. Brigham.

9. To discuss on graphical symbols proposed for processing following the “Comprehensive Procedure”

DECISION 17: SC 3C decided to accepted the Japanese proposal Pr 01-042 “Battery, general” as comprehensive procedure and asked Secretary to prepare 1CD. **3C/776/DC**

DECISION 18: SC 3C agreed to circulate a CDV on a set of graphical symbols for wide screen. **3C/789/CC**
3C/758A/CD

The form of arrowheads in general was discussed in length taking into account the annex to the received comments with the observations 3C/774/CC on 3C/730/CD. After the discussion, SC 3C confirmed that the closed arrowhead WITH a tail should be an equilateral triangle and that the closed arrowhead WITHOUT a tail should be an isosceles triangle. SC 3C further noted, "filled areas in a symbol original should be avoided except when the meaning or legibility of the symbol original requires that an area is filled." However, SC 3C also agreed that in some cases closed arrowhead could be filled.

3C/774/CC
3C/730/CD

DECISION 19: SC 3C decided to introduce the scheme Form-A and Form-B such as in 5107A and 5107B to the project on graphical symbols for control of audiovisual tapes and disks in order to meet the trend in the practical use of graphical symbols in industry. SC 3C asked Secretary to revise 2CD 3C/730/CD taking into account the previous document 3C/492/CD.

NOTE – Each member country was also requested to establish its national position as early stage as possible and not to change it as far as possible.

DECISION 20: SC 3C decided after the discussion the use of the basic arrow as reference direction such as "front" would be appropriate. Secretary was asked to follow a decision of Chairman for further steps on a set of graphical symbols for sound positioning.

3C/778/CC
3C/731/CD

DECISION 21: SC 3C decided to study further the alternative proposal received from Japanese National Committee 3C/784/INF on a set of graphical symbols for displayed image.

3C/763/CD
3C/784/INF

10. To discuss graphical symbols for processing following the "Normal Procedure"

Graphical symbol for earphones to replace IEC 60417-5076 was discussed taking into account the comparison shown in Annex B to 3C/773/CC.

3C/773/CC
3C/729/CD

DECISION 22: SC 3C decided to support the original graphics in 3C/729/CD and not to accept the comment DE-03 in 3C/773/CC.

11. Miscellaneous

11.1 Review of Strategic Policy Statement

There were no points raised on CA/2005/R. SC 3C asked Secretary to review the SPS and report to TC 3 Plenary.

CA/2005/R

11.2 Up date of Programme of Works

The results and decisions should be reflected to 3C/785/PW and sent to the Central Office.

3C/785/PW

11.3 Any other business

A maintenance request of TC 16 in the document 3/585/INF to delete the graphical symbol IEC 60417-5017 was discussed. It was noted the graphical symbol has been in use on equipment in several countries. Additionally, ordinary consumers did not always understand the proposed implication of TC 16. However, it was also noted the TC16 proposal was an important message to all consumers (and others). It should be clear that the actually used earth symbol on equipment is for either a safety or a functional earth.

3/585/INF

After the discussion, acting chairman took votes on the issue. The result was 5-member in favour with TC 16 proposal and 1-member against.

DECISION 23: Secretariat should circulate a questionnaire to all member countries whether the graphical symbol IEC 60417-5017 be deleted or not.

12. Date and place of next meetings

SC 3C Maintenance Team / Advisory Panel would meet in Spring 2002. Exact date and place were under consideration.

SC 3C JWG 11 with ISO/TC 145 would meet virtually after closing vote on IEC/CDV 80416-3 to revise it taking into account comments expected to be submitted and to discuss working document ISO/WD 80416-4. JWG 11 would also meet physically in Spring 2002.

The next SC 3C plenary meeting would be held in conjunction with the TC 3 plenary meeting.

13. Close of meeting

Acting chairman closed the SC 3C Plenary meeting at 17:50 with appreciations to participants.

ANNEX**List of the meeting documents**

List of the meeting documents, with prefix “**3C(Oslo)**” was as follows, all of which had been available as 3C/792/MTG.

- Secretary)01: Attendance and sign up sheet
- Secretary)02: Further revised draft agenda
- Secretary)03: Report of the Secretary since the last meetings in Stockholm and in Firenze
- Secretary)04: Report: Compilation of comments received on 3C/712/CDV and 3C/713/CDV with the observation of the Secretary (draft)
- Secretary)05: Report: Compilation of comments received on 3C/714...719/CDV with the observation of the Secretary (draft)
- Secretary)06: Report: Compilation of comments received on 3C/720/CDV with the observation of the Secretary (draft)
- Secretary)07: Report: Compilation of comments received on 3C/722...728/CDV with the observation of the Secretary (draft)
- Secretary)08: Revised document from 3C/758A/CD taking into account 3C/789/CC
- Secretary)09: Compilation of comments received on 3C/776/DC: Maintenance request of IEC 60417 from Japanese National Committee
- Secretary)10: Maintenance request of SC 62A to which SC 3C Advisory Panel provided its advice
- Japan)11: Proposal of Japan during AG96 advisory activity
- TC 96)12: Letter of TC 96
- Secretary)13: Letter received by Chairman SC 3C sent by Lawrence Berkeley National Laboratory, USA
- Secretary)14A: Daily report of the SC 3C meeting held in Oslo, 2nd October 2001
- Secretary)15: Daily report of the SC 3C meeting held in Oslo, 3rd October 2001
