



CISPR/B/344/RM

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2004-10-15

**INTERNATIONAL ELECTROTECHNICAL COMMISSION**

**INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE (CISPR)**

**SUB-COMMITTEE B: INTERFERENCE RELATING TO INDUSTRIAL, SCIENTIFIC AND MEDICAL RADIO-FREQUENCY APPARATUS, TO OTHER (HEAVY) INDUSTRIAL EQUIPMENT, TO OVERHEAD POWER LINES, TO HIGH VOLTAGE EQUIPMENT AND TO ELECTRIC TRACTION**

Unconfirmed minutes of the meeting held in Shanghai, China on 7 September, 2004

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>Chairman</b>           | <b>Mr. Anton Kohling (Germany)</b>  |
| <b>Secretary</b>          | <b>Mr. Kazuhiko Okamoto (Japan)</b> |
| <b>IEC Central Office</b> | <b>Dr. Rémy Baillif</b>             |
| <b><u>Countries</u></b>   | <b><u>Delegates</u></b>             |
| <b>Australia</b>          | <b>Mr. Ray Garrett</b>              |
| <b>Canada</b>             | <b>Mr. Hibtullah Khomusi</b>        |
| <b>China</b>              | <b>Ms Liling Cheng</b>              |
|                           | <b>Mr. Wenqi Fan (Observer)</b>     |
|                           | <b>Mr. Nan Li</b>                   |
|                           | <b>Mr. Xu Liping (Observer)</b>     |
|                           | <b>Mr. Xiaodong Liu</b>             |
|                           | <b>Mr. Xiaoyu Shen</b>              |
|                           | <b>Ms Jianxia Shou</b>              |
|                           | <b>Mr. Sliiping Tang (Observer)</b> |
|                           | <b>Mr. Weilong Wang (Observer)</b>  |
|                           | <b>Mr. Weiming Wang</b>             |
|                           | <b>Ms Ying Wang (Observer)</b>      |
|                           | <b>Mr. Hong Wu (Observer)</b>       |
|                           | <b>Ms Yan Xie (Observer)</b>        |
|                           | <b>Mr. Linchang Zhang</b>           |
| <b>Finland</b>            | <b>Mr. Jari Yli-Juuti</b>           |
| <b>France</b>             | <b>Mr. Thierry Laine</b>            |
|                           | <b>Mr. Ollivier Yves</b>            |
| <b>Germany</b>            | <b>Mr. Diethard Möher</b>           |
|                           | <b>Dr. Bernd Sisolefsky</b>         |
| <b>Japan</b>              | <b>Mr. Yoshimitsu Hiratomo</b>      |
|                           | <b>Mr. Tai Hosoya</b>               |
|                           | <b>Mr. Jun Iguchi</b>               |
|                           | <b>Mr. Masahiro Inoue</b>           |
|                           | <b>Mr. Kunihiro Kawasaki</b>        |
|                           | <b>Mr. Tomimitsu Noda</b>           |
|                           | <b>Mr. Shingo Shibata</b>           |
|                           | <b>Mr. Takashi Shinozuka</b>        |

|                            |   |
|----------------------------|---|
|                            | <b>Mr. Seietsu Tomita</b>   |
| <b>Korea (Republic of)</b> | <b>Mr. Heesung Ahn<br/>Mr. Jae-joon Kim<br/>Mr. Yoon-won Oh<br/>Mr. Kwan Young Sung</b> |
| <b>The Netherlands</b>     | <b>Mr. Jan Coenraads</b>  |
| <b>Romania</b>             | <b>Prof. Dorin T. Cristescu</b>   |
| <b>Russian Federation</b>  | <b>Mr. Vladimir Kapitonov</b>   |
| <b>South Africa</b>        | <b>Mr. Stefan Pretorius<br/>Mr. M. L. Sibeko</b>  |
| <b>United Kingdom</b>      | <b>Mr. Steve Hayes</b>  |
| <b>USA</b>                 | <b>Mr. Terry Mahn</b>   |

In summary there were 14 countries represented by 41 delegates.

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

The Chairman, Mr. Kohling, welcomed the CISPR delegates to the Sub-Committee B meeting in Shanghai, China and thanked the Chinese National Committee for the excellent preparation for the meeting. Ms Jianxia Shou welcomed the delegates on behalf of the Chinese National Committee. Then the Chairman opened the Sub-Committee B meeting.

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

*Document: CISPR/B/334A/DA*

The draft agenda was approved with the following changes:

|                  |  |
|------------------|--|
| Agenda item 6.2  | CIS/B/3xx/CDV is replaced by CIS/B/341/CDV |
| Agenda item 6.10 | CIS/B/326/INF is replaced by CIS/B/336/INF |

#### **3. Note the confirmation of the minutes of the meeting held in Jeju, Korea on 29 and 30 September, 2003**

*Document: CISPR/B/318/RM*

The Secretary reported that no written comment had been received within two months after reception of the unconfirmed minutes by the National Committees. So the draft minutes was automatically approved according to the IEC rule.

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

The Technical Officer of the Central Office, Dr. Remy Baillif, introduced the IEC CO News including the following issues:

- Launch of the IEC Glossary (AC/22/2004)
- New application "IEC Experts management" (AC/8/2004 and AC/21/2004)
- Extension of Associate Members' right in IEC technical work (AC/2/2004)
- 1906 Award for experts in IEC technical work (AC/1/2004)
- Recommendations from IEC DMT:
  - Procedure to change WG/PT/MT convenors
  - Resolution of comments on CDVs

#### **5. Membership list of CISPR/SC/B WG 1 and WG 2**

*Document: CISPR/B/320/WG*

*CISPR/B/322/WG*

The Chairman requested to maintain the membership to the WGs by the National Committee using the newly introduced registration system, "IEC Experts management" which was detailed by Dr. Baillif in the Agenda item 4 above.

The appointment of a new expert to WG is only accepted through the system.

## 6. TO DISCUSS THE FOLLOWING ITEMS

### 6.1 Amendment to CISPR 11 and CISPR 15 to clarify the regulation of microwave powered ultra violent irradiators:

*Document:* CISPR/B/265/CD  
 CISPR/B/272/CC  
 CISPR/B/273/CD  
 CISPR/B/278/INF  
 CISPR/B/287B/CC  
 CISPR/B/296/CDV  
 CISPR/B/307/RVC  
 CISPR/B/324/FDIS  
 CISPR/B/327/RVD

The Chairman reported that CISPR/B/324/FDIS had been approved referring to the document CISPR/B/327/RVD. There were two negative votes from Denmark and Sweden and their comments are recorded as annex to the document. The amendment was already included in the new publication of CISPR 11 issued as the 4.1 edition in June 2004.

### 6.2 Amendment to CISPR 11: The definitions of group 1 and group 2, clarification of coverage of the scope of CISPR 11 and remove of other shortcomings discovered during the current maintenance cycle:

*Document:* CISPR/B/276/DC  
 CISPR/B/288A/INF  
 CISPR/B/289/RQ  
 CISPR/B/303/MCR  
 CISPR/B/304/CD  
 CISPR/B/310A/CC  
 CISPR/B/319/CD  
 CISPR/B/328/CC  
 CISPR/B/341/CDV

The Chairman gave a brief introduction on the contents of CISPR/B/341/CDV which was uploaded for national voting with the closing date: 2005-01-21.

The Chairman made a point that the project was initiated in 2000-06 and so that the FDIS should be issued before 2005-06, otherwise the project would be set back to stage zero according to the IEC "five-year rule".

Due to the extent of the proposed amendments, the Chairman recommended to issue a new edition of CISPR 11 once the FDIS is approved. The meeting recommended to update the title of project, CISPR 11 Amd. 2 f1 Ed. 4.0 to read as follows: CISPR 11, amendments of the definitions of group 1 and group 2, clarification of coverage of the scope of CISPR 11, and removal of other shortcomings discovered during the current maintenance cycle.

### 6.3 Amendment to CISPR 11: Measurement Uncertainty

*Document:* CISPR/B/329/MCR  
 CISPR/B/330/CD

The Chairman introduced the background of CISPR/B/330/CD and suggested that the comments received from the National Committees would be discussed at WG1 meeting scheduled in the afternoon, which was then agreed.

#### <Action Point>

- CDV should be prepared based on the result during WG1 in Shanghai by ad hoc members by the end of October 2004.

#### 6.4 Amendment to CISPR 11: Microwave ovens load conditions

*Document: CISPR/B/333/CD*

The Chairman gave a brief introduction on the CD which was proposed by a Korean expert to the WG1 meeting in Wilmington, DE, USA this year. The proposal was agreed to be issued as a CD during the meeting. The CD was still under the commenting period (closing date: 2004-09-24). Per Korean's request, the meeting agreed to change the name of the project leader to Dr. Cho.

#### 6.5 Amendment to CISPR 11: Induction cooking appliances

*Document: CISPR/B/332/CD*

The Chairman made a short introduction on the document, CISPR/B/332/CD initiated by a Japanese expert. The original document was proposed at the last WG1 meeting in the USA. The proposal was accepted to be a CD and uploaded as of 2004-06-18. The closing date for comments is 2004-09-24. So the Compilation of the comments was not available at this stage. The Chairman expressed with hope that together with CISPR/B/333/CD the document would be prepared into one CDV and finally it would be combined with CISPRB/341/CDV, if it is approved, into one FDIS by the middle of June 2005.

The change of the name of the project leader was also accepted to be Mr. Inoue of Japan. The Chairman announced that a Japanese expert would make a brief presentation during WG1 meeting in the afternoon.

#### 6.6 CISPR/B Co-ordination with SC22G

##### Preparation of the revision of IEC 61800-3

*Document: CISPR/B/260/DC  
CISPR/B/275/INF  
CISPR/B/293/DC  
CISPR/B/305/INF  
CISPR/B/331/INF*

The Chairman reported the CISPR/B/331/INF (22G/127/FDIS) was approved with no negative votes (voting terminated: 2004-06-25).

#### 6.7 CISPR/B Co-ordination with SC22H

##### IEC 62040-2: Uninterruptible Power Systems (UPS) – Part 2: Electromagnetic compatibility (EMC) requirements

*Document: CISPR/B/302/DC  
CISPR/B/309/INF  
CISPR/B/323/DC  
CISPR/B/335/INF*

The Chairman of SC22H, Mr. Grandjean-Thomsen, participated to the meeting as a guest and made a presentation on IEC 62040-2 2<sup>nd</sup> Edition particularly on EMC. Mr. Kohling, the Chairman of SC/B, concerned the environments and the UPS (Uninterruptible Power Systems) categories, which are related to EMC and defined by the standard independently from CISPR's definitions. Including other comments during the meeting, Mr. Thomsen will inform SC 22H appropriately.

#### 6.8 CISPR/B Co-ordination with SC62A

##### Amendment 1 – IEC 60601-1-2 – Medical electrical equipment Part 1-2: General requirements for safety – Collateral standard: Electromagnetic compatibility – requirements and tests

*Document: CISPR/B/314/DC  
CISPR/B/325/INF  
CISPR/B/338/INF*

The Chairman introduced the major comments compiled as CISPR/B/325/INF on 62A/434/CDV (CISPR/B/314/DC) were taken into account in 62A/462/FDIS which is CISPR/B/338/INF. The voting was recently terminated on 2004-09-03 and accordingly no result was informed. There was discussion on the exemption of the third harmonics. The

Chairman suggested the investigation on the issue by ad hoc members and Mr. Garrett of AU, Dr. Sisolefsky of DE and Mr. Hayes of GB committed to become members. FR expressed a favour to nominate the expert as well.

**<Action Point>**

- Ad hoc group should be organized.

## **6.9 CISPR/B Co-ordination with TC26**

*Document: CISPR/B/316/INF*

*CISPR/B/317/INF*

The Chairman noted that CISPR/B had responded by the document, CISPR/B/317/INF, to the comments from TC26, Electric welding, based on the results of Jeju meeting in 2003.

## **6.10 CISPR/B Co-ordination with TC27**

*Document: CISPR/B/336/INF*

The Chairman explained that he received CISPR/B/336/INF through ACEC. There had been no further contacts from TC27, Industrial electroheating equipment.

**<Action Point>**

- The Secretary contacts TC27 with no delay.

## **6.11 CISPR/B 19: Guidance on the use of the substitution method for measurements of radiation from microwave ovens for frequencies above 1 GHz**

*Document: CISPR/B/337/Q*

The Chairman introduced that the document requested to submit the comment on the withdrawal of CISPR 19 by the National Committee with the closing date: 2004-09-03. The tentative CC on CISPR/337/Q was distributed as green paper. The results were that 9 NCs were in favour and 5 in against. It was noted that CISPR 19 was referred in the Notes of CISPR 11. After the discussion, the Chairman decided that the ad hoc members would study the elimination of the reference and then the amendment to CISPR 11, and the MCR process would be taken afterwards.

**<Action Point>**

- Ad hoc study members should be nominated by the end of October.

## **7. Working group reports**

### **7.1 Working Group 1: Industrial, scientific and medical (ISM) radio-frequency equipment**

*Document: CISPR/B/326/INF*

Mr. Kohling, as the convener of the Working Group1 reported the results of WG1 which was held in Agilent, Wilmington, DE, USA on 30, 31 March and 1 April 2004. The minutes of the meeting, CISPR/B/326/INF, had been approved with no comments.

### **7.2 Working Group 2: Interference from overhead power lines, high-voltage equipment and electric traction**

The Acting Convener, Mr. Tomita, who was appointed during the last meeting, expressed his resolution to activate the Working Group2 activities. The Chairman suggested that CISPR 18 should be put under the maintenance procedure by making use of the proposal by the Korean National Committee.

## **8. Update the Program of Work of CISPR/B as recorded by IEC Central Office**

*Document: CISPR/B/339/PW*

The Chairman proposed the following amendments to Program of Work of CISPR/B:

- CISPR 52-1 Ed. 1.0: to be removed
- CISPR 209 Ed. 1.0: to be removed
- CISPR 210 Ed. 1.0: to be transferred to ITU and removed

The delegates accepted the proposal with no objection.

## **9. Any other business**

No other business was suggested.

**10. Date and place of the next meeting**

The Chairman announced that the next meeting was scheduled in Cape Town, South Africa in October 2005. The details would be decided during the Steering Committee meeting in Shanghai. The delegate of South Africa expressed that they were delighted to host CISPR delegation next year.

**11. Close of the meeting**

The Chairman closed the meeting, thanking the delegates for their contributions and the Chinese National Committee for providing excellent meeting facilities.

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