

Summary of Activities, IEC TC17/SC17C/MT-14

Revision of IEC 62271-200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV.

Representatives: T. Burse, E. Byron, K. Gettman, C. Schneider

Key Information:

- The First meeting of MT14 was held in Erlangen, Germany September 26, 2017
- MoM, Share of Work and Work Program attached.

Issues Requiring Discussion:

- None.

Respectfully Submitted,

Ted Burse

28 September, 2017

**Minutes of the 1st Meeting of IEC SC17C MT 14
High-voltage switchgear and controlgear –
Part 200: AC metal-enclosed switchgear and controlgear for rated
voltages above 1 kV and up to and including 52 kV
in Erlangen on 26th September 2017**

Date / time: 26. September 2017 10:00 h until 16:00 h

Location: Siemens, Erlangen (Germany), Conference Zone, Room B2

Membership: 38 nominations by IEC (in EMS), 5 members not (yet?) listed in EMS, 2 officials

Participants: (22)

Hermann Koch	Secretary SC 17C	DE
Gerard Schoonenberg	Convenor	NL
Stuart Greatorex		UK
Kristian Ermeler		DE
Harethe el Ouadhane		DE
Jeong-gee Lee		KR
Patrick Bailly		FR
Yvan Tits		BE
Franck Gaillard		FR
Harm Bannink		NL
Quok Chiat Tan		MY
Jose Manuel Inchausti		ES
Pierre Thiry		BE
Tetsuya Sato		JP
Didier Fulchiron		FR
Stefan Göttlich		DE
Drahomir Tuma		CZ
Eldridge Bryon		US
Markus Gührs		DE
Jonas Vienne		BE
Ivano Gentilini		IT
Davide Corti		IT

Excused: (5)

Sait Sulluoglu	TR
Enrique Otegui	ES
Ted Burse	US
Tomoshige Kurata	JP
Roger Reiersen	NO

Non-excused : 18 MT 14 members have not been excused.

Distribution:

MT 14 Members
Dominique Serve, Chairman SC 17C

Agenda items:

1. Opening of the Meeting

The Secretary opened the meeting and welcomed the participants. The Agenda has been confirmed, see annex 1.

2. Introduction of Participants

The participants introduced themselves about their technical background and expertise to the MT 14.

The e-mail to Dagner Gjørven, liaison to TC 18 Ships is not working, the secretary will clarify. Sergii Bakhmach (UA), Kiyoshi Hachisuka (JP), Jahanzeb Rahman (AU) and Jesper Nielson, NO are not nominated by their NC, the secretary will clarify.

Participants of meeting see annex 2 and members of MT 14 see annex 3

3. Information about IEC Procedures

General information was given about the IEC organisation, IEC procedures, the role of the convenor and the role of working group members. For IEC General Information see annex 4, for the standardization flowchart see annex 5 and for the Best Practice of standardization in SC 17C see annex 6.

Guide 111 gives important information for writing standards in SC 17C and should be recognized by MT 14, see annex 10.

4. Available Documents

The documents are available through the collaboration tool of IEC which is accessible for all MT 14 members by password. The password will be made available for MT 14 members by their NC. The link is as follows:

<http://collaboration.iec.ch/lotusquickr/IECResources.nsf/myplaces?OpenForm>

At the meeting information about the status of the work was given and the following documents were presented:

Annex 7: Minutes of SC 17C meeting in Frankfurt 2017-04-05 with decision to revise IEC 62271-200 ed.2

Annex 8: CIGRE B3.37 Effects on Arc-Mitigation

The IEC word document of the latest publication has been up-dated to the actual IEC template and comments from the working group have been added. The document is stored at the collaboration tool as IWD 15 version M3.

All comments received before the meeting by MT 14 member have been discussed at the meeting and are collected in document IWD 3c available at the collaboration tool of MT 14.

5. Scope and Title

The scope and title has been discussed (see annex 11) with the following results:

- The given voltage limit of 52 kV is getting exceeded more and more by new product design e.g. wind park connections of 66 kV
- The meaning of service continuity is now used at other locations in standards with different meaning. It is needed to check and propose possible revised wordings.
- The maximum pressure level of 300 kPa might be too low for modern equipment e.g. if alternative gases to SF₆ are used.
- Notes in the scope should be avoided; it is not following the IEC directives. Keep the scope short and clear.
- Interactions of switchgear with the building should be covered, e.g. in case of arc fault.
- Text which explains what is not covered by this standard shall be deleted in the scope and may be placed in the main text of the standards.

To handle these proposed changes TF0 has been established which will prepare a proposal for the next meeting January 2018 in the Netherlands, probably Hengelo.
For TF 0 see annex 9.

6. Work Program

The work program has been discussed and the standardization process is planned for the next three years as shown in the attached annex 12. Special attention was given to the presentation and discussion of the comments of the CD1 at the next SC 17C meeting on 17th October 2018 in Busan, Korea.

7. Share of Work

The share of work has been discussed and the working group founded four task forces (TF) as shown in annex 9.

Each TF is lead by a TF leader. His task is to invite the task force members to contribute to the work allocated to the task force. The work allocation is documented in WD 3c as discussed at the Erlangen meeting, see collaboration tool.

Before the next meeting the TF leader will compile the work of the TF, send to the convenor Gerard Schoonenberg and he will distribute the work result before the next meeting to MT 14 and store it at the collaboration tool.

Delivery date for the TFs work results is 15th December 2017.

At the next meeting in Hengelo the TF leaders will present the results of their TF work to MT 14.

8. Others

non

9. Next Meeting

The next meeting is planned to be held in Netherlands (Hengelo or other location) on invitation of the convenor and the other MT 14 members of MT 14 from 09. to 10. January 2018.

10. Close of Meeting

The secretary thanked the participants for their participation and active contributions. He wished everybody a good travel back and is looking forward to meet at the next meetings.

Sincerely

Hermann Koch
Secretary SC 17C

IEC SC 17C MT 14
Share of Work in Task Forces (TF)

TF0 Title and Scope
Prepare proposal for the 2. Meeting.

Responsible: Gerard Schoonenberg

Members: Ian Naylor, Didier Fulchiron, Jose Inchausti



IEC SC 17C MT 14

Share of Work in Task Forces (TF)

TF1 LSC

Leader: Stuart Greateorex

Members: Gerard Schoonenberg, Stefan Goettlich, Harethe el Oudhane, Kristian Ermeler, Patrick Bailly, Quok Chiat Tan, Tetsuja Sato

TF2 IAC

Leader: Harethe el Oudhane

Members: Stuart Greateorex, Eldridge Byron, Davide Corti, Markus Gührs, Harm Bannink, Kristian Ermeler, Jeong-gee Lee, Drahomir Tuma

TF3 Rest of items of all document

Leader: Jose Inchausti

Members: Ivano Gentilini, Didier Fulchiron, Pierre Thiry, Markus Gührs, Yvan Tits, Ted Burse

MT 14: IEC 62271-200:2011 Ed. 3.0

Topic	Done	Status	Open	Remark
MT 14 IEC 62271-200:2011 Ed. 2.0 (old IEC 60298) High voltage switchgear and controlgear - Part 200: A. C. metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV Convenor: Gerard Schoonenberg				Committee of Interest: SC 17A
Decision for revision at SC 17C Meeting in Frankfurt	2017-04-05			
1. Meeting in Erlangen Prepare home work			2017-09-26	
2. Meeting in Hengelo, NL			2018-01-09 to 10	
3. Meeting in UK			2018-03-15 to 16	
Prepare mature working draft (WD)				6 month for WD: 2018-03
4. Meeting in US			2018-04-19/20	
CD to NCs			2018-04-27	
Comments from NC and Closing Date			2018-08-17	
5. Meeting in BE for CC			2018-09-03 to 04	
Send CC with observations to NC			2018-09-05	
				12 month time limit for CD: 2018-09
Presentation and discussion in Busan at SC 17C			2018-10-17	
Maintenance Cycle Report			2018-10	
Discussion at SC 17C Plenary Meeting in Busan			2018-10-17	
6. Meeting in xxxxxx to prepare CDV or CD2			2018-12	
Send CDV or CD2 to Sec			2019-01	
Send CDV to NCs			2019-02	
Closing date for CDV after 3 month vote			2019-05	
				24 month time limit for CDV: 2019-09
7. Meeting in xxxxxx on CC of CDV or CD2			2019-06	

MT 14: IEC 62271-200:2011 Ed. 3.0

Topic	Done	Status	Open	Remark
Send CC with observations to NCs			2019-06	
8. Meeting in xxxxxxxxxxxxxxxx to prepare FDIS			2019-07	
FDIS to NCs			2019-08	
Closing date for comments (2 months)			2019-10	
Editorial Meeting in necessary on FDIS in UK			2019-11	
Report on FDIS			2019-12	
IS published			2020-09	36 month: 2020-09
Start of next revision			2024	
Stability date			2028	