



HEAD OF DELEGATION (HoD) REPORT

U.S. Member Body of the
International Organization for
Standardization (ISO)



U.S. National Committee of the
International Electrotechnical
Commission (IEC)

Please return this report within one month of the completion of the international meeting and submit it to the appropriate ANSI Department as follows:

ISO

USNC

ISOT@ansi.org

USNC@ansi.org

HoD reports can be used for a variety of purposes. For example:

- ❖ To report results of a TC/SC meeting to the related TAG
- ❖ To publicize the work of the TC/SC to the related US constituency via ANSI On-line, USNC News and Notes, or other media
- ❖ To suggest areas for possible development of featured articles
- ❖ To address specific challenges and concerns that the HoD may bring to the attention of related ANSI and/or USNC/IEC management

PLEASE REMEMBER: Your HoD report is NOT filed as a confidential, password protected document and, therefore, may have broad, unintended distribution. Keep this in mind when preparing the report and, if appropriate, use a more secure form of correspondence to call attention to any sensitive issues.

Completed by:

Head of Delegation: (Please print)	Dennis Oddsen
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Date:	December 9 , 2016

Meeting of	SC 23E / CIRCUIT-BREAKERS AND SIMILAR EQUIPMENT FOR HOUSEHOLD USE
(Designation/Title)	
Date(s)	October 12 , 2016
Location	Frankfurt, Germany

1. MEETING ATTENDANCE

Please indicate, if available, both the number of delegates and the countries represented at the Meeting:

There were 42 delegates representing 21 countries present.

Meeting attendance roster and meeting resolutions attached, if available

Please comment on significant or unusual attendance issues (e.g., new member bodies, regular members not in attendance, new Chairman or Secretariat, non-accredited U.S. persons, etc.).

There were no unusual attendance issues to report

MEETING OBSERVATIONS

2. Overall, how well did the U.S. meet its objectives on policy or technical matters?

Very Successful -- U.S. positions were accepted in whole

Successful -- Compromises were reached which are acceptable to the U.S.

Not Successful -- U.S. positions were not accepted

3. Please comment on any issues of significance which might have an impact upon materially affected or interested U.S. parties.

(1) SC23E has initiated work for products to be used in installation with DC distribution systems. In particular, work for Circuit Breakers (CB) and Residual Current Devices (RCD) devices is proceeding.

(2) Also new items were investigated: Power Frequency Overvoltage devices (POP), Automatic Reclosing Devices (ARD) and Residual Current Monitoring Devices for use with Mode 3 charging of EVs.

(3) There was discussion regarding DC distribution in remote areas of the global market where conventional AC distribution is not feasible. The use of renewable energy in the forms of solar and wind power will be the basis for DC power to connect DC ready products. The need for supporting infrastructure products such as DC CBs and RCDs are necessary to ensure the safe DC installations in all applications.

(4) Reports from the various maintenance teams of SC 23 E were provided, reviews of progress of work and planned activities for 2017 were discussed.

The work of SC23 E is important to the US since it parallels US considerations for DC protective devices to be used on DC distribution circuits. The initial work for these DC products will form the basis for many new products to be used in future. Coordination to electrical ratings and future devices should be considered between any US initiative and those underway in the IEC committees.

4.	Was there any discussion for which the United States was unprepared? (e.g., late document distribution, addition of new items, etc.)
	None
5.	Did the U.S. extend an offer to assume any new TC/SC Secretariat or management positions?
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If yes, please indicate which position and provide Officer contact information.)
6.	Did the U.S. extend an offer to host any future TC/SC meetings?
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please identify:
7.	Were any new issues raised which require, or might involve, coordination with other U.S. bodies? (Include coordination items with other U.S. TAGs, ANSI policy-level committees (AIF, AIC, the USNC TMC and/or Council, etc.)
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please identify:
8.	Did the U.S. put forth/agree to put forth any New Work Items?
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please identify:
9.	Was there any evidence of irregular voting by participating countries?
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, please identify any significant issues or concerns:
10.	Are work items in the TC or SC being affected by related work in regional standards bodies (e.g., CEN, CENELEC, ETSI, PASC, NAFTA, COPANT, etc.)?
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No related regional activity If yes, please explain:

11.	Were any new issues raised which require, or might involve, coordination with emerging market countries?
<input checked="" type="checkbox"/>	Yes
<input type="checkbox"/>	No
	If yes, please explain:
	The new work of SC 23 E is aligned to the evolution of DC power in emerging markets such as India and Africa. The remote needs for power where AC is not feasible will be aligned to renewable energy. Since DC will be the power choice this will drive the need for new protective devices CBs and RCDs to be used in DC distribution circuits.
12.	Were any issues raised which relate to or impact existing U.S. regulatory matters?
<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No
	If yes, please explain:
13.	Please identify any IMMEDIATE U.S. TAG actions which will be required as a result of this international meeting.
	TAG of 23 E is engaged and following this work within the IEC.
14.	Please identify specific decisions which the U.S. delegation believes to be noteworthy for publication, publicity and/or development of a future article. If there are any, would you be willing to help develop an article for publication?
<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No
15.	What might be done to further promote the ANSI Federation's goal of "global standards that reflect U.S. interests?" (Consider such issues as how might the U.S. further promote acceptance of related American National Standards in international and, where applicable, regional fora?)
	None to report
16.	Has this report been provided to your TAG Administrator for US TAG distribution?
<input checked="" type="checkbox"/>	Yes
<input type="checkbox"/>	No
17.	Do you have any questions, comments, or suggestions regarding the ISO/IEC Directives, including the IEC Supplement?
	None
18.	Other Comments

None

May 2016

Attendance for SC 23 E meeting held in Frankfurt, Germany, on 2016-10-12

Officers

Kruger Isaac Chair
Cassinelli Giovanni Secretary
Lee Damien IEC officer

Delegates

Mayer Karl-Heinz	Austria
Kabanau Siarhei	Belarus
De Kesel Wim	Belgium
Li Hui	China
Damgaard Peter	Denmark
Malskaer Flemming	Denmark
Rey Jean-François	France
Menou Hélène	France
Beck Dominique	France
Harre Olivier	France
Odinot Charly	France
Doyen Olivier	France
Tapani Nurmi	Germany
Ziebell Claus-Dieter	Germany
Potdevin Holger	Germany
Blofeld Uwe	Germany
Gavazzeni Matteo	Italy
Masini Cristiano	Italy
Yamaguchi Kenji	Japan
Jiménez María de Jesús	Mexico
Niehoff Ronald	Netherlands
Hagen Nils Magnus	Norway
Andersen Torgeir	Norway
Pacheco Luis	Portugal
Koprivsek Mitja	Slovenia
Garcia Rubio Concepción	Spain
Novel Beatriz	Spain
Kjellnäs Stefan	Sweden
Sollberger Armin	Switzerland
Mullins Malcolm H.	United Kingdom
Willmore Stephen R.	United Kingdom
Norris Paul	United Kingdom
Bird Norman	United Kingdom
Oddsden Dennis	United States of America
Kurten Charles (Chuck)	United States of America
Glaser Wayne	United States of America
Bravais Nadine TC23 Chair	France
Ansorge Samuel	Switzerland (observer)
Zhang Guoqing	China (observer)
Bogdanski Nicolas	TC 82