

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:

<u>USNC</u>

<u>ISOT@ansi.org</u> <u>USNC@ansi.org</u>

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)	Kwok Chan
Telephone/Telefax:	+1 (301) 362-3055
Email:	Kwok.Chan@fcc.gov
Date:	November 16 th , 2016

Meeting of IEC TC 106: Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure - 2016 Plenary Meeting (Designation/Title)

Date(s) November 4th, 2016

Location: Hangzhou, China

1. MEETING ATTENDANCE

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

<u>X</u> Meeting attendance roster and meeting resolutions attached, if available (attendance roster attached at the end of this document)

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.).

No significant or unusual attendance issues

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
 - **X** 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.

An Ad Hoc Group was formed during the plenary meeting to support developing a Technical Report on mm-wave power density measurement. It will take 4-6 weeks for IEC central office to formalize this and inform NCs to invite experts to join the group. IEC requires a first meeting (conference call is acceptable) to be held within 12 weeks from the date the group was form (November 4^{th} , 2016).

Japan questioned the deletion of medical implant exclusion text relating to the wireless power transfer (WPT) TR in WG9 and wants the deleted exclusion restored. Switzerland clarified that this is related to RF exposure enhancement caused by medical implants in the human body due to external fields from WPT devices and unrelated to exposures induced directly by medical implants. WG-9 has sent inquiry to ICNIRP regarding this and is waiting for a response, which may not come until ICNIRP decision on revising its limits has been finalized. The deleted medical implant exclusion will be restored and exposure concerns for RF exposure enhancement due to medical implants will be reviewed when a response from ICNIRP is received.

4. Was there any discussion for which the United States was unprepared? (e.g., late document distribution, addition of new items, etc.)

No

5. Did the U.S. extend an offer to assume any new TC/SC Secretariat or management positions?

	YesX 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?
	YesX 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.)
	Yes \underline{X} No If yes, please identify:
8.	Did the U.S. put forth/agree to put forth any New Work Items?
	$\frac{\text{Yes}}{\text{If yes, please identify:}} \underline{X} \qquad \text{No}$
9.	Was there any evidence of irregular voting by participating countries?
	YesX 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.)?
	Yes X No No related regional activity If yes, please explain:
11.	Were any new issues raised which require, or might involve, coordination with emerging market countries?
	Yes <u>X</u> No If yes, please explain:
12.	Were any issues raised which relate to or impact existing U.S. regulatory matters?
	X Yes 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.
	The newly formed Ad Hoc Group on mm-wave power density measurements will require NCs to nominate experts to participate in the first meeting held within 12 weeks from November 4 th , 2016.
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?
	Yes <u>X</u> 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?)
	Dual logo standards under Liaison D have been considered for several of the on-going standards in PT62209 and PT62704. As appropriate, this may be explored for other standards.
16.	Has this report been provided to your TAG Administrator for US TAG distribution?
	_ <u>X</u> _ Yes No
17. includ	Do you have any questions, comments, or suggestions regarding the ISO/IEC Directives, ling the IEC Supplement?
	It was reported that new editions of the IEC Directives Part 1, Part 2 and Supplement have introduced certain changes in sub-committee chair appointment durations, voting periods and standards drafting requirements.
18.	Other Comments
	There was also discussion regarding down-grading inactive P-Members to O-Members.

Procedures considered by the newly formed Ad Hoc Group on mm-wave power density measurement and further consideration of medical implant inclusion or exclusion for WPT evaluation in WG9 may influence the testing and approval requirements for

related products in the U.S.

List of Participants



For IEC use only

TC106

2016-11-04

INTERNATIONAL ELECTROTECHNICAL COMMISSION

TECHNICAL COMMITTEE No. TC106: Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure

List of Attendees

Date(s) of meeting: 2016-11-04 Place of meeting: Hangzhou

Chair: (name) Mike Wood...... Country: Australia

Last name	First Name	Country	role	Signature
				2016-11-04
Joyner	Ken	Australia	Head of delegation	20/10
Knipe	Phill	Australia	Delegate	rT ky
Rao	Praveen	Australia	Delegate	photoga
Ward	Desmond	Australia	Delegate	Allen
Wood	Mike	Australia	Chair	ottended clbr
Woods	Brendon	Australia	Delegate	9
Nappert	Hughes	Canada	Head	200
Proulx	Stéphane	Canada	Delesate	SIR
Ма	wenhua	China	Delegate	Ma Wenhira.
teng	junheng	China	Head of delegation	Ma Wenhier. Teng Junkey
wei	huanbin	China	Delegate	Shin way Wu Tong
wu	tong	China	Delegate	Wu Tong

IEC/TC106

Date: 2016-11-04/Place: Hangzhou

List of Participants

Last name	First Name	Country	role	Signature	
				2016-11-04	
Crety	Per	Denmark	Head of delegation		
Verholt	Christian M.	Denmark	Delegate		
Keshvari	Jafar	Finland	Head of delegation	Mafar	
Conil	Emmanuelle	France	Head of Delegated	Gail	
Hadjem	Abdelhamid	France	Delegate	May	
Monebhurrun	Vikass	France	Delegate		
Bretz	Klaus-Peter	Germany	Delegate of	KP. Rul	
Jäkel	Bernd	Germany	Delegate	Takel	
Meier	Matthias	Germany	Secretary	elle	
Prokop	Alexander	Germany	Delegate	Mary	
Hamada	Lira	Japan	Delegate	港里 43	
Kubota	Fumito	Japan	Delegate		
Nojima	Akihiko	Japan	Delegate		
Onishi	Teruo	Japan	Delegate	杨凝	
Taki	Masao	Japan	Head of delegation	3329	
Wake	Kanako	Japan	Delegate	Kanaho Wake	
Yamazaki	Kenichi	Japan	Delegate	山崎建一	
Jang	Ju-Dong	Korea, Republic of	Delegate Delegate	pr.	
Kim	Dong-Seob	Korea, Republic of	Delegate	hum	
Kwon	Hyuk Choon	Korea, Republic of	Delegate	社社会	
Lee	YEONG MIN	Korea, Republic of	Head of delegation	2/1	
Oh	Taek-Kyu	Korea, Republic of	Delegate		

IEC/TC106

Date: 2016-11-04/Place: Hangzhou

List of Participants

		List of Participa	nts		
Last name	First Name	Country	role	Signature	
				2016-11-04	
Park	Chang-hyun	Korea, Republic of	Delegate		
Robijns	Jan J.	Netherlands	Head of delegation	74/	
Thors	Björn	Sweden	Haul of Delegate Selegation	150	
Kuster	Niels	Switzerland -	Delegate Delegate	1	
Gabriel	Sami	United Kingdom	Delegate MoD	Entral	
Chen	Jyun-cheng	United States of America	Delegate	for gel	
Chan	Kwok	United States of America	Head of delegation	Nallen	
Kig	Kag	dina	Regulation Compl	Jan @ Manager	Kaply
Zhanej	Weimin	China	Delegate	HUS	