



SMB/5746/R

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2016-01-08

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

### STANDARDIZATION MANAGEMENT BOARD

#### SUBJECT

**SMB meeting 155, agenda item 9.3, Geneva**

Report of SG 10, Wearable Smart Devices (WSD), following its meeting held on 2015-11-03/04 in Seoul, Korea

#### BACKGROUND

SG 10 held its first meeting on November 3 and 4, 2015 in Seoul, Korea; its next face to face meeting is scheduled for March 10 and 11, 2016 in North Carolina, USA.

The report is in two parts:

**Part A** – Recommendations submitted to the SMB for formal approval: A.1

**Part B** – Other items of interest

SMB members' attention is drawn to the information given under item(s) B.1 to B.3.

**Annex 1** – SG 10 membership list

**Annex 2** – SG 10 members attending the meeting

#### **Note from the SMB Chair and Secretariat:**

The attention of SMB members is drawn to item B.2 in this report concerning the membership of SG 10. In particular the attention of SG 10 is drawn to SMB Decision 153/10 concerning the composition of SGs and ACs, where it is clearly stated that there is no provision for alternates and that the membership of the SG is the responsibility of the SMB.

If an SG member is unable to participate in a meeting, he/she may propose a replacement. The size and composition of the SG is the responsibility of the SMB, not of SG 10.

#### ACTION

The SMB is invited to approve the recommendation(s) submitted in Part A of the report, **before 2016-02-05** using the IEC Technical Server. The Standardization Management Board is invited to note Part B of the attached report.

**Item 1:** A1. SG 10 requests SMB to approve its Scope (see details in Part A).

## **PART A: recommendations for approval**

### **A.1 SG 10 requests the SMB to approve its Scope.**

The scope listed in the SMB Decision 153/12 was reviewed and discussed at the first meeting of SG 10. The members agreed with the Convenors to improve the scope and to include the expected outcome as well. The recommended scope and expected outcome were derived after further consultation with all SG 10 members via correspondence.

#### **SG 10 Recommendation A.1: To approve the scope of SG 10**

**The Scope of SG 10 is to:**

- **clarify the terminology and obtain agreed understanding of Wearable Smart Devices (WSD);**
- **gather and share information on the market needs of WSD;**
- **make inventory of WSD related activities within IEC;**
- **make inventory of WSD related activities outside IEC;**
- **identify the standardization themes, relevant TC/SCs and any gap on WSD**
- **investigate and recommend priorities of work on WSD; and**
- **coordinate WSD related activities within IEC.**

**The expected outcome will be:**

- **Report to SMB with recommendations on WSD related standardization activities under the scope;**
- **Market needs information which may include requirements and standards necessary for entry into the market place if possible;**
- **Roadmap of WSD related standardization (priority);**
- **Matrix on WSD standardization items and TC/SC activities (inventory).**

## **PART B: For information**

### **B.1 Presentations on WSD**

A two-hour Experts Talk on recent trend of WSD was organized in the morning of 2015-11-03 where an expert from Japan and Korea were invited to give a presentation on WSD before the SG 10 meeting. Also, all SG 10 members were invited to prepare a presentation to provide more information relating to the scope of SG 10 and the TC activities (from TC representatives) that are related to WSD. All presentations submitted are available in the IEC Collaboration Tools

### **B.2 Membership rule of SG 10**

The Co-Convenors proposed the following membership rule of SG 10 and was agreed by its members.

- Official membership of SG 10 is approved by SMB
- Co-Convenors can invite any expert for every meeting if necessary as observer or presenter.
- Alternate is acceptable, if the member is not available. Confirm with Co-Convenors and Secretary before every meeting.

Co-convenors are considering that the current number of members is adequate to discuss the issues productively and would not like to increase the members.

### **B.3 Timeline of SG 10**

The Co-Convenors proposed the following timeline of SG 10.

- 1st meeting 2015-11-03, 04 F2F in Korea
- 2nd meeting Web meeting 2016-01-14 (Thu) at 13:00 in Geneva time
- 3rd meeting F2F 2016-03-10, 11 in the US
- 4th meeting F2F 2016-05 or 06 in Japan
- Final report to Oct. 2016 SMB meeting.

It may be challenging but SG 10 agreed to make efforts to try to complete the work as planned.

## **ANNEX 1 - Participants at the first meeting of SG 10**

### **Present:**

Mr Tadashi Ezaki	SG 10 Co-Convenor
Prof Sungkyu Park	SG 10 Co-Convenor
Ms Suzanne Yap	SG 10 Secretary

### **Nominated Experts**

Mr Chenghao Wu	CN (on behalf of Mr Anmin Dong)
Mr Andrea Micelotta	IT
Dr Shuji Hirakawa	JP
Dr Jess Jur	US

### **Nominated TC representatives**

Mr Cheolung Cha	TC 47
Ms Ulrike Haltrich	TC 100
Mr Shinichi Uehara	TC 110
Dr Joachim Zietlow	TC 111
Dr Kyung-Tae Kang	TC 119 (on behalf of Alan Hodgson)

### **Guests**

Mr Hirokazu Tanaka	Guest – JP (presenter)
Prof Yongtaek Hong	Guest – KR (presenter)
Mr Jeongno Lee	Guest – KR (observer)
Mr Tae-Yong Park	Guest – KR (observer)

### **Excused with apology**

Mr Anmin Dong	Expert – CN
Mrs Christina Rode-Schubert	Expert – DE
Mr Myoung-Jae Shin	Expert – KR
Dr Federica Censi	Expert – IT
Mr Ken Modeste	Expert – US
Dr Masahide Okamoto	TC 91
Dr Paul Holdstock	TC 101
Dr Ken Joyner	TC 106
Mr Kevin Ravo	TC 108
Dr Alan Hodgson	TC 119

**ANNEX 2 - SG 10 membership list**

Revised: 2016-01-05

<b>NC</b>	<b>Convenor</b>	<b>Company</b>	<b>IEC Roles</b>
JP	Tadashi Ezaki	Sony Corporation	TC 100 Secretary, SEG 1 member
KR	Sungkyu Park	Chung-Ang University	TC 110 member
<b>NC</b>	<b>Member</b>	<b>Company</b>	<b>IEC Roles</b>
CN	Anmin DONG	BAIDU	SEG 1 member
CN*	Cheng LU	China Electronics Standardization Institute	TC 100 member
		Transformation Consulting International GmbH	
DE	Christina Rode-Schubert	Mannheim	
IT	Frederica Censi	Istituto Superiore di Sanita	TC 62/SC 62D/JWG 3 member
IT	Andrea Micelotta	ENEL Distribuzione	
JP	Shuji Hirakawa	Toshiba Corporation	SMB member, TC 119, SEG 1 and SyC Smart Energy member
KR	Myoung-Jae Shin	KSA (Korea Standards Association)	SMB member
SE*	Thomas Korszell	SEK Svensk Elstandard	SE Secretary, SMB ahG 59, TC 23/SC 23J, TC 89, SyC Smart Energy member
		N.C. State University, Textile Engineering, Chemistry & Science	
US	Jesse Jur		
US	Ken Modeste	UL, LL, Product Safety Division	SMB SG 9, CAB/WG 17, ACSEC member
<b>TC</b>	<b>Member</b>	<b>TC role</b>	
47	Cheolung Cha	Secretary	
62*	Bruce Friedman	Member	
91	Masahide Okamoto	Secretary	
		Chair SyC AAI, TC 100/TA 16 Technical	
100	Ulrike Haltrich	Secretary	
101	Paul Holdstock	Chair	
106	Ken Joyner	Member	
108	Kevin Ravo	Secretary	
110	Shinichi Uehara	Assistant Secretary	
111	Joachim Zietlow	Convenor WG 3	
119	Alan Hodgson	Chair	
JTC1*	Catherine (Kate) Grant	Member	

\* Members approved by SMB after the first meeting of SG 10.