**ISO/IEC JTC 1
Information Technology**

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2009 Report of JTC1 Liaison Officer to IEC TC100

Note: Very abridged this year due to joint meeting of JTC1 and TC100 where there will be a significant exchange of information

IEC TC100 Meetings

- TC100 met in San Paolo in October 2008 with IEC GM
- TC100 AGS and AGM met in May 2009 in Arlington US
- **TC100 2009 meeting in Tel Aviv with IEC GM**
- TC100 AGS and AGM meetings in Athens May 18 – 20 2010
- TC100 2010 meeting in Seattle with IEC GM
- Note: various physical and virtual PT meetings thoughout 2008 and 2009

Changes in personnel

- Ed Barrett (formerly IEC TC100 liaison to JTC1) relinquished his role as TA4 and TA9 TAM

- Massaki Notani resigned as TA6 TAM

- New appointments:
  - Mr. James Williamson (USNC) new TA9 TAM
  - Mr Jae-Young Lee (KNC) new TA4 TAM
  - Mr. Kwang-Soon Choi (KNC) new TA4 TS
  - Mr. Hideki Ohtaka (JNC) new TA6 TAM

Documents

- The AGM encouraged usage of the IEC Collaboration tools by all Technical Areas replacing use of ftp
- TC 100 officers to send draft documents (CD, CDV and FDIS) to French NC in addition to IEC CO so they can prepare the French version of document since derogation re publishing only in English has ceased.
- IEC CO is responsible for the publication of French versions and these may be produced later and not with both languages in same document to prevent delay in publishing

IEC TC100 procedures

- Unique TC 100 procedures to be included in an IEC supplement of ISO/IEC directives.
- IEC CO prepared draft annex for TC 100 procedures for Tel Aviv general meeting.
- Total number of stabilized standards will be 150 (see 100/1555/MCR.)
- Proposal for a normative referencing rule in TC 100 circulated to NCs
- Study possibility of replacing dated normative references with the latest publication during each maintenance review

Accessibility issues

- IEC TC100 developing a TR to encourage standards developers to have due consideration for accessibility issues (based on user needs identified in ISO/IEC 29138)

- Developing a short check list covering aspects such as terminology, usability and particular aspects that need addressing: perception of visual information, auditory information, controls, feedback, efficient operation use of assistive technology etc,

- Demographic information from responses to AC issued by IEC shows importance of assisting elderly and disabled to have good access to multimedia equipment especially with rapid changes in ways of accessing multimedia content in the home (TV to PC and mobile devices)

IEC TC 100 Task Force (TF) for Energy Efficiency

- established under the TC 100 / Advisory Group on Strategy (AGS) in November 2008
- investigates energy efficiency related to the standardization work in TC 100.
- considers and develops responses to the recommendations set forth by the IEC Standards Management Board (SMB), Strategic Group (SG) 1 on Energy efficiency and renewable esources.
- will remain active in establishing a TC 100 strategy for energy efficiency.
- participants encouraged to develop the potential to integrate energy efficiency principles in the TC 100 program of work and to recommend future energy efficiency activities to the TC 100 AGS.

New TA12: Energy Efficiency

- **Scope:** This Technical Area (TA) is responsible for developing the standard measurement methods for the power use of televisions, set top boxes (STB), audio equipment, multi-function equipment, and information and communication technology (ICT) products which TC 100 covers. The measurement methods will address equipment that connects to the power mains. The measurement methods will also address normal use conditions. To the extent practicable, the participants in this TA will evaluate and potentially define the various operating modes in terms of their power use. The participants will also consider the approaches for saving energy through the standardization of control mechanisms in networked multimedia equipment. The safety of the measurement methods is out of this TA's scope.
- **TAM:** Mr. Jon Fairhurst (US); **TS:** Mr. Hiroyuki Iga (JP)
- **See** 100/1594/AC

Energy Efficiency related standardization

- TC 108 would standardize requirements and TC 100 would standardize measurement methods in energy efficiency related documents (new TA12)

- Revision of TC100 scope to include PC or ICT equipment to be approved in Tel Aviv

- NWIP "Energy Saving System for home appliances and home network devices – Part 1: Architecture and requirements." (and potential follow on proposals)

Relationship between TC 108 and TC 100

Home appliance

- **TC 61:** Performance of household and similar electrical appliances

- **TC 59:** Safety of household and similar electrical appliances

AV & ICT

- **TC 108** Safety of electronic equipment within the field of audio/video, information technology and communication technology

  Energy efficiency requirements

- **TC 100** Audio, video and multimedia systems and equipment

  Energy efficiency measuring methods

Sales of TC100 standards

- The work on power consumption measurement has resulted in a "best seller" for TC100

- Increasing sales each year since first developed (hundreds not tens!)

- New TA on energy efficiency will build on this success with proposed new project and further parts of IEC 62087