



Product Safety Engineering Society
Taipei Chapter

Kevin L. Ravo
General Manager, Global Technology and
Regulations
High Tech Business
Underwriters Laboratories

Board of Directors
IEEE PSES

14 December 2011



Objectives

Introduction

Board Update – New President and Board Members

2011 Symposium

IEEE PSES Technical Committee

62368-1 Update



Introduction



My Name: Kevin Ravo

My Job: General Manager at UL

My IEEE: PSES
Board of Directors 'At Large Director'
SCV Chapter – Vice Chair
Member for 38 years!



Board Update

Board Update

New President: Elya Joffe

New Board Members: Paul Wang
Mike Nicholls
Steli Loznen
Juha K. Junkkarinen

Focus for 2012: 1 Value to Members in all aspects
2 Succession Planning
3 Development of Formal Strategic Plan

Invitation: <http://ewh.ieee.org/soc/pses/>
Visit Often – Meeting, Symposium, Newsletter, Archives
Vote during elections
Participate in Technical Committees
Ask for Help/Speakers – Chapter ‘Angel’



Meeting Topic/Speaker Resources

Available Papers:

Certifying 802.11 Devices by Jim Bacher

Touch Current Measurement Comparison by Pete Perkins

EMC Regulations and Standards Workshop by Henry Benitez

How to avoid being the next Toyota as presented at the April 2010 Santa Clara Valley Chapter meeting

2010 Symposium summary presentation from the Central Texas chapter 2011 Symposium presentation by Daniece Carpenter

Others???

Speakers Bureau:

Volunteers/Topics?



2011 Symposium



See the PSES Website

See the PSES Newsletter

Papers Available

2012 Symposium – are we going to see any papers from Taiwan – there were several for 2011!!!!



2011 Symposium

2012 IEEE Symposium on Product Compliance Engineering

Sponsored by the IEEE Product Safety Engineering Society

November 7 – November 9, 2012

Portland, Oregon, USA

<http://ewh.ieee.org/soc/pses/symposium/CFP2012.pdf>



Technical Commitees

IEEE PSES Technical Committees

<http://ewh.ieee.org/soc/pses/technical.html>

Existing TCs:

Failure Analysis and Forensics (FFATC)

Medical Product Safety (MPSTC)

Telecom Safety (TSTC)

Risk Analysis (RATC)

Industrial Equipment and Controls (IECTC)

Education for Product Safety (EPSTC)

ITE/Computers (ITETC)



IEEE PSES Technical Committees

TCs Under Consideration:

Consumer Appliances and Electronics

Lasers

Photovoltaics

Globalization

Others?



Purpose of TCs

The purpose of each Technical Committee shall be to manage the technical relationship of the Society in their area of interest by identifying, organizing, participating in, and supporting activities in which the Society can give and/or receive technical benefit in product safety and compliance.



TC for ITE/Computers (ITETC)

Membership as of December 7, 2011

Lal Bahra – Dell

Steve Costello - Apple

Ted Eckert – Microsoft

Kaz Gawrzyjal - Dell

Bob Griffin - IBM

Patricia Knudsen - Teradata

Glenn Lesmeister – HP

Paul Ng – GE

Jeff Pasternak – Intel

Kevin Ravo – UL

Gary Schrempp – Dell

Gary Tornquist - Microsoft



TC for ITE/Computers (ITETC)

Meets Monthly by Teleconference and face-to-face at the Annual Symposium

Meetings: Third Monday of each month for 2012 starting on 16 Jan, 2012

Proposal: Utilize this TC to allow Taiwan Chapter of PSES to provide input on IEC TC 108

Next Steps: Indicate desire to do so
Introduce as formal request to TC
Establish Process
Begin!



62368-1 Status

Status of 62368 - 1

IEC TC 108:

Responsible for IEC 62368-1, IEC 60065, and IEC 60950-1.

IEC 62368-1 – First Edition published in January 2010, Second Edition in progress with estimated Publication date of 2013 – last meeting in Australia, October 2011 to complete 2nd Edition CDs.

IEC/TR 62368-2 – Technical Report – Part 2, Explanatory information related to IEC 62368-1 First Edition, new TR planned for Second Edition

IEC 60065, Edition 8 – Next Amendment Planned for 2013 - maintenance

IEC 60950-1, Edition 2 – Next Amendment planned for 2013 - maintenance



Status of 62368-1

IEC TC 108 – IEC 62368-1

- Most recent meeting in September to discuss CDs to be combined into CDV to be distributed in early 2012
- CDV will have 6 month voting period followed by a TC 108 Plenary meeting to be held at UL Northbrook in June 2012**
- Possible outcomes would be to prepare Draft International Standard for voting or a second CDV
- Target publication of IEC 62368-1 Second Edition will be end of 2012 or beginning of 2013

** - Opportunity to Provide Input!



Status of 62368-1

North America – UL/CSA 62368-1

- First edition circulated for voting in October in US and Canada with consensus achieved.
- There were negative votes and so comments to those were recirculated to allow STP members to reconsider and change their vote. That period has been completed and there is still consensus.
- Publication scheduled for early February 2012
- Following publication UL/CSA 62368-1 may be used for the certification of products in NA as an alternative to UL/CSA 60950-1 and UL and CSA 60065



Status of 62368-1 – Adoption by Others

IEC 62368-1 First Edition rejected by **CENELEC**, it is anticipated they will adopt the Second Edition and publish a related harmonized EN Standard

The **Netherlands** has published their National Standard harmonized to IEC 62368-1 First Edition

South Africa has published their National Standard harmonized to IEC 62368-1 First Edition

The **Japan** National Committee beginning to study IEC 62368-1 First Edition, but will wait until IEC 62368-1 Second Edition to publish a related Japan National Standard

A proposed DS/INF 62368-1, a **Danish** publication of IEC 62368-1, 1st edition has been sent out for comments in the Danish NC. Likely publication by end of 2011 or early 2012

US and **Canada** via the Technical Harmonization Committee (THC) has completed development of UL/CSA 62368-1 first edition and final publication is under way with publication date of early February 2012.

IECEE, CB Scheme – has indicated that once one country adopts IEC 62368-1 as a National Standard, they will officially add it to the CB Scheme. TRF has been published for the First Edition by UL as the Originator.



What's Next?

We will continue to provide [updates/information](#) about what is happening with the standards.

- Amendments coming to IEC 60065 & 60950-1
- Next Edition of IEC 62368-1
- TRF updates
- UL 62368-1 updates

Expect publication of additional [White Papers](#) and [Technical Briefs](#) on a regular basis and update the [Comparison Summary Document](#)

We will continue to use IEC 62368 – 1 to gain experience and encourage our customers to do the same – [product evaluations](#)

We will provide additional more in-depth [seminars and classes](#), including the product level.

- Hazard Focused
- Product Focused
- Test Methods
- Etc.

Check Regularly at:

<http://www.ul.com/global/eng/pages/offerings/industries/hightech/information/technology/iec623681/>



What Would You Like to See?

UL wants to provide information & access to knowledge that will be of highest value to those interested in the new standard – to do so we need & request your active input.

What would you like to see with respect to education related to the new standard?

- Content
- Type of delivery: instructor led, e-learning, papers, etc.
- Timing

What would you like to see with respect to information related to the new standard?

- Periodic updates on status
- IEC TC 108 activities
- NA Standard Activities
- Type of access to this information
- etc.



In Closing – From a IEEE PSES Perspective

Visit the PSES web site regularly

Check out the PSES Newsletter

If you are not a member of the IEEE – please consider joining and remember to also additionally register for the PSES!

Senior Members?

Provide Feedback – Participate

Where is you Banner?



Questions & Answers





THANK YOU

Kevin L Ravo
kevin.l.ravo@ul.com

