

TC 108 USTAG UPDATE

MEETING ON SEPTEMBER 30 AND OCT 1

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- 10/15/2014

IEC TC108 US TAG MEETING

IEC TC108 US TAG Meeting

September 30 – October 1, 2014

At Sony Electronics

San Diego, CA 92127

IEC TC108 US TAG

- IEC TC 108 (USNC/IEC TC108 TAG) coordinates development of U.S. positions for IEC standard development activities of the ISO and IEC standards.
 - Subgroups of the USNC/IEC TC108 TAG are formed to relate to Subcommittees of IEC Technical Committee 108.
 - IEC TC108 US TAG
 - Technical Advisor (TA) – Bob Griffin (IBM Corp.)
 - Secretary - Kevin Ravo (UL LLC)
 - 76 members
- P = Principal Member; A = Associate Member; L = Liaison; R = Resource Expert; TA = Technical Advisor; DTA = Deputy Technical Advisor; Sec = Secretary, AS = Assistant Secretary

IEC TC108 US TAG

- TC108 US TAG meetings are 2-3 times a year defining US position for International meetings.
- Next Plenary meeting is on November 14, 2014 in Tokyo
 - US Delegation: Mr. Griffin (head of delegation), Messrs. Brandt, Burke, Perkins and Pescatore

IEC TC108 US TAG - AGENDA

➤ HBSDT matters

- IEC 62368-1, Audio/video, information and communication technology equipment - Part 1: Safety requirements
 - 62368-1 ed 2/am 1 general proposals
 - 62368-1 ed 2/am 1 acoustics proposal
 - The existing standard does not consider safeguard requirements for protection against long-term exposure to acoustic energy sources. A proposal to rectify this is hereby made
 - Evaluation of common Class I, IEC appliance receptacles for Class II use
 - It was questioned in the May San Jose HBSDT meeting as to whether certain IEC 320 Class I receptacles provided enough creepage and clearance for use in a class II product (for example with functional earth)

IEC TC108 US TAG - AGENDA

➤ TC108 Liaisons

- TC 108 maintains Liaisons with a number of other committees. Until now, this has been done in a fairly informal manner and we have not regularly made or reviewed Liaison assignments. Committee is planning to formalize the process and National Committees are reviewing the Liaison list and provide comments about the Committees we have identified.

➤ IEC 62911, Audio, video and information technology equipment - Routine electrical safety testing in production

- This document is still under study

IEC TC108 US TAG - AGENDA

- Advisory Committee on Safety (ACOS)
 - Output of USB power supplies and safety aspects
 - TC 108 Group Safety Publication (GSP) status – Remote power feeding
 - The members of ACOS are invited to consider the request from TC 108 for further discussion at the next ACOS meeting in Berlin, in 2014-10

IEC TC108 US TAG - AGENDA

- **CTL** - The Committee of Testing Laboratories is the technical branch of the IECEE and the biggest forum of technical experts representing 336 CB Testing Laboratories, located in 52 different Countries, and operating under the responsibility of the relevant National Certification Bodies (NCBs) members of the IECEE.
- The Committee of Testing Laboratories (CTL) deals with questions of practice related to the test specifications and test methods detailed in the standards accepted for use in the IECEE, and to constructional details of test equipment referred to in these standards.
- <http://www.iecee.org/ctl/Default.htm>

IEC TC108 US TAG - AGENDA

➤ CTL/OSM Decisions discussed

- IEC 60950-1, Battery cells
 - Individual battery cells must comply with the relevant IEC standards for batteries or with known harmonized national standards for batteries, such as UL 1642. In addition, the complete battery pack needs to pass all required tests according to sub-clause 4.3.8 of IEC 60950-1. With Amendment 2 of IEC 60950-1, standard IEC 62133 Ed. 2 must be used for battery cells.
- IEC 60950-1, Chemical solvent used for the scrub test
 - Decision: The petroleum spirit to be used for the test is aliphatic solvent hexane. As an alternative, it is permitted to use a reagent grade hexane with a minimum of 85% as n-hexane.
- IEC 60950-1, Blue light hazard
 - Lamps and Lamp Systems shall be evaluated according to IEC 62471 for blue light radiation and IEC/TR 62471-2 shall be considered.
- IEC 60065, Vertical force test
 - The table shall not be used to prevent the sample from overturning when a force of 100N is applied vertically downwards, therefore the sample shall be placed towards the edge of the table (non-skid surface).

THE END