

IEEE Product Safety Engineering Society

Minutes of the IEEE PSES TSTC teleconference held Wednesday, July 27, 2016 at 11:00 AM EST, for one hour.

1. Attendance/Introductions

Members present: Don Gies (Nokia Bell Labs), Joe Randolph (Randolph Telecom), Anne Venetta-Richard (Nokia), Tom Smith (TJS Technical Services Inc), Jim Wiese (Adtran), Paul Ng (GE Energy), Dan Roman (Colgate-Palmolive), Svetlana Ulemek (Burndy)

Members absent: Al Martin (retired), Peter Lim (Alpha Technology), Philip Havens (Littelfuse), Gary Schrempp (Dell), Mick Maytum (MJMaytum), Ernie Gallo (Ericsson – Telcordia)

Interested parties (not present)

Tim Ardley (Adtran), Doug Parker (Adtran), Peter Tarver (Enphase Energy), Steve Zugay (Cree)

2. Meeting arrangements

Note that the bridge number has changed.

New Bridge No.:

(Toll Free-USA): +1 866 606 3804

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Participant Passcode: 589 138 2663

3. Previous meeting minutes

The minutes of the June meeting were reviewed and approved.

4. Power Supply Standards Affecting Telecom - Paul Ng

Paul gave a presentations on Low Voltage DC Power Interfaces <1000 V and on the IEC Technical Committee TC22 scope and power supply standards. The presentations are attached.

Paul's presentations were well received, and we thank him for sharing this information with us.

5. New business

Ernie Gallo-Ericsson Telcordia has joined the TSTC.

Jim Wiese has joined the ANSI/US Technical Advisory Group for IEC TC108.

Don Gies has joined ATIS – STEP.

6. Additional agenda items

- a. AC Power Over Coaxial Cabling –

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Jim Wiese had asked how the standards IEC 60950-1 and IEC 62368-1, -3 handle AC power via utility coaxial cable

Don – Several members of TC108 working groups have proposed it be added to IEC 62368-3, but the response from TC108 was that it was not in the scope of IEC 62368-3 (The standard only covers DC powering over ICT cabling, and serves a general practice standard for other industries to refer to).

AC power over coaxial cabling is handled by the base standard IEC 62368-1.

ES3 to ES1 separation still required.

Coaxial connector may need to be evaluated using standard because few coaxial connectors are certified.

US and Canadian Electrical Codes have requirements for AC power over coaxial cabling.

Jim- What about the rules for coaxial cable connections?

Don- Use hazard-based analysis to separate/isolate incoming AC power.

Applying rules for coaxial cable system would be “prescriptive”.

7. Old Business

None

Next meeting

Proposed Wednesday, 28 September 2016.

Note: No meeting in August 2016

Respectfully submitted
Don Gies, Chairman