

IEEE Product Safety Engineering Society

Minutes of the IEEE PSES TSTC teleconference held Wednesday, April 22, 2014 at 11:00 AM EST, for one hour.

1. Attendance/Introductions

Members present: Don Gies (Alcatel-Lucent), Al Martin (retired), Joe Randolph (Randolph Telecom), Tom Smith (TJS Technical Services Inc),

Members absent: Tim Ardley (Adtran), Philip Havens (Littelfuse), Peter Lim (Alpha Technology), Mick Maytum (MJMaytum), Paul Ng (GE Energy), Doug Parker (Adtran), Dan Roman (Colgate Palmolive), Gary Schrempp (Dell), Peter Tarver (Enphase Energy), Anne Venetta-Richard (Alcatel-Lucent), Jim Wiese (Adtran), Steve Zugay (Cree).

2. Meeting arrangements

Don Gies supplied the call-in number:
Bridge No. (Toll Free): 1-800-771-8734
International Access: +1-647-723-3953
Access Code: 5825978

3. Previous meeting minutes

The minutes from the last meeting were approved as submitted

4. New Business

No new business items

5. US TAG Meeting – Melbourne, FL , 24-25 March 2014

Don Gies and Paul Ng attended.

IEEE TSTC proposal on ventilation of battery cabinets has moved to IEC TC108 Meeting agenda in San Jose, May 2014. The revised proposal with recommended inputs from US TAG was attached to the agenda for the meeting.

Don: Talked about explosions [at least 8] in cabinets with compromised ventilation, all of which met existing standards. TC108 will word-smith the proposal, review it and send it to the IEC MT2 committee [which works on IEC 60950-22 maintenance]. Not much was happening in TC108, but Don got the point across that doing nothing is not acceptable. Nearly all members of TC108 are computer guys – no telecom representation. Annex M of IEC 62368 has requirements for indoor ventilation, so the ventilation issue has been somewhat addressed in standards. Need to check out-gassing during boost charging.

Don will go to the TC108 meeting in San Jose to promote the battery cabinet proposal.

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Joe: How many years does it take to get a comparatively obvious thing done [4 so far]?

Don: In IEC 62368 Annex M there is a requirement for ventilation for indoor installations, which might be used as a basis for outdoor installations.

Tom: Will send some information about what's happening in Canada.

6. Lightning Surge Damage to Ethernet and POTS Ports Connected to Inside Wiring - Joe Randolph

Per recommendation from TSTC, Joe Randolph has begun to draft a proposed paper to submit at the ISPCE 2014 Conference in San Jose, CA. Still some mystery, which is not yet solved. A number is needed for voltage tolerance for Ethernet, and current tolerance for POTS. Joe's paper is basically trying to summarize the committee discussion to date.

AI: An avenue to explore for getting protection issues into standards is IEEE PES SPDC.

7. Additional agenda items

None

8. Old Business

None

Next meeting

Next meeting – Proposed [Wednesday, 28 May 2014](#).

Respectfully submitted,

AI Martin

Secretary

Participant	Employer	Telephone	E-mail	IEEE Member?	PSES Member?	LinkedIn Subgroup	Other Committee
Tim Ardley	Adtran		tim.ardley@adtran.com				
Don Gies	Alcatel-Lucent	+1-908-582-5978	don.gies@alcatel-lucent.com	X	X	X	8
Phillip Havens	Littelfuse	+1-214-450-9658	phavens@littelfuse.com			X	2
Peter Lim	Alpha Technologies	+1-604-638-8687	peter.lim@alpha.ca				
Al Martin	Somewhat retired	+1-510-339-2859	amartin@yahoo.com	X		X	3,4
Mick Maytum	Retired	+44-1234-838589	m.j.maytum@ieee.org				3,4,5
Paul Ng	Lineage Power	+1-972-244-9492	paul.s.ng@ge.com				
Doug Parker	Adtran						
Joe Randolph	Randolph Telecom	+1-781-721-2848	jpr@randolph-telecom.com	X	X	X	4
Dan Roman	Colgate Palmolive		dan.roman@ieee.org	X	X	X	
Gary Schrempp	Dell	+1-512-724-3757	gary_schrempp@dell.com	X	X	X	
Tom Smith	TJS Technical Services	+1-403-612-6664	tsmith@tjstechnical.com			X	6
Peter Tarver	Enphase Energy	+1-707-763-4784	ptarver@enphaseenergy.com	X	X	X	
Anne Venetta-Richard	Alcatel-Lucent						
Jim Wiese	Adtran	+1-256-963-8431	jim.wiese@adtran.com			X	2,4
Steve Zugay	Cree	+1-919-850-6219	szugay@bellsouth.net			X	

Guest: Jack Burns, Dell, IEEE PSES, VP Technical Activities

Chair: Peter Tarver

Vice Chair: Don Gies

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Secretary: Al Martin

- 1) UL Standards Technical Panel for Subjects 60950-1, -21, -22, -23
- 2) TIA TR 41.7, TR41.7.1
- 3) IEEE Surge Protective Devices Committee
- 4) ATIS Protection Engineers Group
- 5) ITU-T, SG5, WP1
- 6) Canadian National Subcommittee for IEC TC108
- 7) TIA TR 41.7.10 (Smart Grid)
- 8) US TAG to IEC TC 108

Other LinkedIn members:

hifi cha, China (Independent Consumer Electronics Professional)

Jeff Whitmire (Manager, Regulatory Compliance at Adtran)

Telecommunications Technical Activities Committee Roster