

IEEE Product Safety Engineering Society

IEEE PSES TSTC

Meeting Minutes: October 23, 2013

Members present: Don Gies (Alcatel-Lucent), Joe Randolph (Randolph Telecom) Jim Wiese (Adtran),

Members absent: Tim Ardley (Adtran), Doug Parker (Adtran), Dan Roman (Creston Electronics), Tom Smith (TJS Technical Services Inc), Steve Zugay (Cree), Peter Lim (Alpha Technology), , Gary Schrempp (Dell), Peter Tarver (Enphase Energy),. Philip Havens (Littelfuse), Al Martin (TE Connectivity), Mick Maytum, Paul Ng (GE Energy), Anne Venetta-Richard (Alcatel-Lucent),

1. Attendance/Introductions

Attendees introduced themselves.

2. Previous meeting minutes

The minutes from the last meeting was approved as submitted

3. New business

None discussed

4. Members attending IEEE Symposium on Product Compliance Engineering in Austin, TX.

Don: Discussed IEEE ISPCE 2013, had attended the ITE TC Meeting at ISPCE, along with Paul Ng. At the ITE TC meeting, Tom Burke of UL requested that the Telecom TC review and comment on TC 108 proposals involving IEC 60950-22.

5. AC Power Cross Considerations for Non-Telecom Signaling Lines (e.g. Ethernet, Alarms) Run in Outside Plant – Jim Wiese

Joe: Regarding our ongoing discussions about the causes of POTS and Ethernet surge failures on inside lines, I'm trying to assemble a list of all the various theories that been put forward so far. I'd just like to run the following list by the group to see if there are other theories that should be on the list.

Current Theories:

- 1) Ground Potential Rise (GPR)
- 2) Capacitive coupling from AC mains through equipment connected to ONT ports
- 3) Actual breakdown of AC power supplies in equipment connected to ONT ports
- 4) Unexpected interactions with customer-installed surge protectors
- 5) Incorrect installation practices for ONTs

6. ATIS/NEMA/IEEE adoption of 400 V dc systems.

- a. Don mentioned that the IEEE Standards Association put out a call for participation in developing IEEE Plan for "DC in the Home", deadline: 10 November 2013

7. Additional agenda items

None discussed

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8. Old Business

None discussed

Next meeting

Wednesday, 4 December 2013

Respectfully submitted,

Don Gies

Vice Chairman

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	Tyco Electronics	+1-650-361-5822	amartin@tycoelectronics.com	X		X	3
Mick Maytum	Retired	+44-1234-838589	m.j.maytum@ieee.org				3,5
Paul Ng	General Electric	+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	
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

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)

IEEE Product Safety Engineering Society
Jeff Whitmire (Manager, Regulatory Compliance at Adtran)

Telecommunications Technical Activities Committee Roster