

IEEE Product Safety Engineering Society

IEEE PSES TSTC

Meeting Minutes: 23 January 2012

Members present: Tim Ardley (Adtran), Don Gies (Alcatel-Lucent), Peter Lim (Alpha Technology), Al Martin (TE Connectivity), Dan Roman (Dialogic), Joe Randolph (Randolph Telecom), Peter Tarver (Enphase Energy), Jim Wiese (Adtran)

Members absent: , Philip Havens (Littelfuse), Mick Maytum, Paul Ng (GE Energy), Gary Schrempp (Dell), Tom Smith (TJS Technical Services Inc), Steve Zugay (Cree),

1. Attendance/Introductions

The minutes from the last meeting were approved as submitted

Meeting attendance was recorded. Tim Ardley (Adtran) is a new member. He will be added to the exploder and the membership list.

2. New business

Jim Wiese: Century/Quest will not participate in ATIS NEP-STEP any longer. Vice chair has changed – now Ken Biholar of Alcatel-Lucent.

Discussed upcoming conference presentations. Al gave a brief outline of his PEG paper on lightning. A discussion of lightning damage to equipment ensued. Joe Randolph discussed some of his activities with lightning. Don is thinking of doing a paper on lightning protection - standards and safety.

A new draft of IEC 62368-1, Second Edition has been released

3. New Telcordia GR-3171-CORE, Issue , Generic Requirements for Network Elements Used in Wireless Networks Physical Layer Criteria

Nothing new - meeting keeps getting postponed.

4. Revisions to 60950-22 standards

Don has joined the US TAG for TC108. Nothing to report yet.

5. Old Business

RFT circuits - revisions to 60950 standards

About a month ago Phil Havens said -21 was open for comment. An ATIS NEP-STEP committee proposal was forwarded to UL. UL didn't accept the proposal as submitted, because it wasn't officially submitted by ATIS, and also because they weren't a member of the 60950 SDP. Phil Havens then resubmitted the comments, because he was a member of the SDP. Proposals not accepted. Phil will resubmit the comments in a different form. Phil's was the only negative vote.

- 1 Wiring simulators used in power cross testing
Nothing new

- 2 Grounding requirements for tracer wire in outdoor optical fiber cable
Nothing new

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3 380 V DC power systems
Nothing new

4 SmartGrid issues

Discussed solar panels. Peter Tarver: If under 50 V, don't need to be grounded. If there is a ground, then need a grounding electrode for every panel. Joe Randolph wondered how solar systems were protected from lightning. Peter – only the frames are grounded.

6. Next Meeting

Next meeting – Proposed Wednesday, February 22, 2012.

Respectfully submitted,

Al Martin
Secretary

Participant	Employer	Telephone	E-mail	IEEE Member?	PSES Member?	LinkedIn Subgroup	Other Committee
Tim Ardley	Adtran		tim.ardley@adtran.com				
James Bress	AST Technology Labs	+1-321-254-8118	jrbrbress@asttechlabs.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				
Carl Linquist	Retired		fuseman@attglobal.net				2
Al Martin	Tyco Electronics	+1-650-361-5822	amartin@tycoelectronics.com	X		X	2,3,4,5,7
Mick Maytum	Retired	+44-1234-838589	m.j.maytum@ieee.org				2
Paul Ng	Lineage Power	+1-972-244 9492	paul.s.ng@ge.com				
Joe Randolph	Randolph Telecom	+1-781-721-2848	jpr@randolph-telecom.com	X	X	X	
Dan Roman	Dialogic	+1-973-967-6485	dan.roman@ieee.org	X	X	X	
Gary Schrempp	Dell	+1-512-724-3757	gary_schrempp@dell.com	X	X	X	
John Shinn	Retired		jmshinn@pacbell.net			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	
Tailey Tung	Network Equipment Technologies	+1-510-574-2385	tailey_tung@net.com	X		X	
Jim Wiese	Adtran	+1-256-963-8431	jim.wiese@adtran.com			X	2,4
Steve Zugay		+1-919-850-6219	Steve_Zugay@cree.com			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:

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hifi cha, China (Independent Consumer Electronics Professional)

Jeff Whitmire (Manager, Regulatory Compliance at Adtran)

Telecommunications Technical Activities Committee Roster