

IEEE Product Safety Engineering Society

IEEE PSES TSTC

Meeting Minutes: 22 February 2012

Members present: Don Gies (Alcatel-Lucent), Al Martin (TE Connectivity), Mick Maytum, Paul Ng (GE Energy), Dan Roman (Dialogic), Joe Randolph (Randolph Telecom), Tom Smith (TJS Technical Services Inc), Peter Tarver (Enphase Energy), Anne Venetta-Richard (Alcatel-Lucent), Jim Wiese (Adtran)

Members absent: Tim Ardley (Adtran), Philip Havens (Littelfuse), Peter Lim (Alpha Technology), Gary Schrempp (Dell), Steve Zugay (Cree),

1. Attendance/Introductions

The minutes from the last meeting were approved as submitted

New member: Anne Venetta-Richard (Alcatel-Lucent). A copy of the roster was forwarded to Anne to fill out her information.

2. New business

Don sent out a copy of the IEEE TC Handbook. IEEE PSES would like us to do peer reviews for the Symposium, or other meetings.

TC108 has received a request from TC64 for input on d.c. inrush current (excerpt below). Please review and provide any information you think would be useful for TC108 to include in response to TC64 on the subject. Submit by email to Margie.m.burk@ul.com by March 15, 2012. Not clear what the issue is.

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

Key provision: Equipment can be located in a zone where the NEC doesn't apply. Hope is to publish this by end of March. Power infrastructure may have to comply with NEC rather than telecom practices. Don commented that we shouldn't throw the present wiring methods away. This document will cite many Telcordia documents. Joe: What is the hole that GR-3171 will fill? Don: Throws in as many requirements as possible. Don will send out the last draft.

4. Revisions to 60950-22 standards

60950-22-11

Don sent out a copy of a request to revise IEC 60950-22, First Edition, Clause 11, to correct a common ventilation deficiency that can result in the buildup of hydrogen gas inside of an outdoor enclosure under fault conditions, such as thermal runaway.

Tom Smith will assist in submitting this proposal to the Canadian TAG.

The TAC voted to send the proposal to the US and Canadian TAGs

60950-22-8.1

Don sent out a copy of a request to revise IEC 60950-22, First Edition, Clause 8.1 to allow for certain metals to be considered to comply with the corrosion protection of Clause 8.1 without test.

Someone is trying to put in an alternate testing method.

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Don reviewed his proposal. Joe noted that bonding was not included in the proposal. Question about whether a poor grade of stainless steel would corrode. Joe thought not. But maybe a minimum requirement for the alloy needs to be specified. But probably won't be a problem. Mick: Can have a national deviation, if proposal isn't accepted for the main document. National deviations can't be overridden, whereas the main text can.

The TAC voted to send the proposal to the US and Canadian TAGs.

606950 proposed updates

Don sent out a copy of a collection of proposals received to update IEC 60950-22. There is not yet a proposal to align IEC 60950-22 with IEC 62368-1. This task is anticipated to be started during the Northbrook meetings planned for June 2012.

5. Old Business

- 1 Wiring simulators used in power cross testing
Not discussed
- 2 Grounding requirements for tracer wire in outdoor optical fiber cable
Not discussed
- 3 380 V DC power systems
Not discussed
- 4 SmartGrid issues
Not discussed

6. Next Meeting

Next meeting – Proposed Wednesday, March 21, 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	jrress@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
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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	
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Jim Wiese	Adtran	+1-256-963-8431	jim.wiese@adtran.com			X	2,4
Steve Zugay		+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:

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hifi cha, China (Independent Consumer Electronics Professional)

Jeff Whitmire (Manager, Regulatory Compliance at Adtran)

Telecommunications Technical Activities Committee Roster