



Common Ground

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President's Message

October, 2010

by Jack Chandler

“If you build it, they will come”, this quote from Teddy Roosevelt was made in reference to the building of the Panama Canal. Although our Vendor Night does pale in comparison to the Panama Canal, the phrase did express our hope for the event.

On Vendor Night we had a great turn out of Suppliers at the Holiday Inn & Suites in Bloomington. Good food, technical presentations, displays, and door prizes. The steering committee did a great job planning the event and the room was the right size the displays were impressive and fit perfectly into the space.

Two excellent technical presentations were provided Packaging Considerations – ESD Shielding Bags (Dale Parkin – Seagate), and Understanding Flooring and Footwear for Personnel Grounding - How do you know your floor is working? (Craig Zander – Prostat Corporation). Thank you to Dale, Craig, and Kevin Duncan for coordinating the event.

There were many interesting exhibits featuring new state of the art ESD technology, supplies, materials, garments, footwear, and controls.

Our suppliers are an important ingredient to the success of our chapter, the approximately 50/50 combination of users to suppliers keeps a good balance in our membership (a list of participating suppliers is included in the newsletter).

Looking forward – our next meeting will be at Ayrshire Electronics in Oakdale, where Craig Zander will be unraveling the mystery of Class 0

in his presentation “The Truth About ESD Class 0”. Hope to see you there.

Also, please consider a position on the Board, we meet roughly quarterly, lunch is provided, and plan the events.

Vendor Night Suppliers

17 vendors representing over 25 ESD supplier companies exhibited at the Holiday Inn & Suites, Bloomington Minnesota, on September 13, 2010.

- 3M
- Benchside Technologies
- Central Container Corp
- Conductive Container, Inc
- E-Tronix
- Hisco, Inc
- Hytest Safety Shoes
- JW Sales, Inc
- Lubrizol Corp
- Midwest Production Supply
- Production Automation Corp
- Prostat Corp
- Red Wing Shoes
- Restronics Northland
- Stanley Supply
- TEK Products
- VWR

2010 Chapter Meeting & Event Schedule

Tim Jarrett – Program Chairperson

December 13, 2010 - Chapter Meeting and annual Board of Directors’ Elections.

Host Site: Ayrshire Electronics
7015 55th Street North
Oakdale, MN 55128

Technical Topic: “*The Truth About ESD Class 0*” presented by Craig Zander, Prostat Corporation.

This presentation is based on an article written by Stephen Halperin (Stephen Halperin & Associates Ltd.), David E. Swenson (Affinity Static Control Consulting, L.L.C.) and Craig Zander (Prostat Corporation) which was published in the September 2010 issue of “*In Compliance*” magazine.

According to Craig Zander, “The electronics industry is terribly confused by the term Class 0, particularly when it comes to electrostatic discharge (ESD) device sensitivity and how the term applies to factory controls designed to mitigate ESD. This presentation is designed to explain reality and what is necessary for understanding device ESD sensitivity and establishing control.”

Additional meeting details will follow via e-mail announcements. If you are not on the Chapter's list contact Tim Jarrett [tim.jarrett@bsci.com]

We strongly encourage all Chapter members to consider hosting a future meeting. In addition, if you have a static related control topic you'd like the local board to cover during a future meeting, please contact Tim or any of the Chapter Board members.

Membership

by Bernie Reiland

Current membership is at 59. Three people joined in September and we welcome them. Brad Fern-LogicPD, Scott Stroyny-Lehigh Outfitters, and Mark Wasmund-Red Wing Shoes. Anybody that joins between now and the end of the year, becomes a paid up member for 2011.

Secretary's Report

by *Jeff Mucha*

September 13, 2010 Chapter Meeting

The meeting/vendor night was held at Holiday Inn & Suites, Bloomington Minnesota, on September 13, 2010.

<u>2:30pm - 4:00 pm</u>	Vendor Tabletop Setup
<u>4:00pm - 4:15 pm</u>	Brief Chapter Business Meeting
<u>4:30pm - 5:00 pm</u>	Vendor Tabletop Show/Prize Drawings
<u>5:00pm - 5:30pm</u>	Packaging Considerations - ESD Shielding Bags (Presented by: Dale Parkin - Seagate)
<u>5:30pm - 6:30pm</u>	Vendor Tabletop Show/Prize Drawings
<u>6:30pm - 7:00pm</u>	Understanding Flooring and Footwear for Personnel Grounding (Presented by: Craig Zander - Prostat Corporation)
<u>7:00pm - 8:00pm</u>	Vendor Tabletop Show/Prize Drawings

Secretary's Report - The secretary's report was not needed for this quarters meeting due to the Vendor Tabletop Show being held. Jeff Mucha will summarize the activities held on September 13th at our next scheduled meeting.

Treasurer's Report - Jack Chandler reported for Craig Zander that the chapter is in good standings. A brief review of the chapters balance, income, and expenses was made.

Membership Chair's Report - Bernard Reiland made a general plug for the chapter that if anyone interested in becoming a member should see him for additional membership information.

National Delegate Report - Dale Parkin - Due to the Vendor Tabletop show being held Dale did not report.

Program Chair Report - Tim Jarrett updated the group regarding the December 13th meeting. The host site will be Ayrshire Electronics, 7015 55th Street North, Oakdale, MN 55128
Technical Topic: The Truth About ESD Class 0 by Craig Zander of Prostat Corporation

Website Editor Report - Tom Lee - Due to the Vendor Tabletop show being held Tom did not report.

New Business Jack Chandler – During the chapter's brief business meeting no new business was discussed due to the Vendor Tabletop Show being held. A reminder that the chapter will be holding elections at our December meeting and after a review of minor chapter items the meeting was adjourned and the Tabletop Show started along with the technical presentations.

5:00pm - 5:30pm - (Dale Parkin - Seagate) - presented Packaging Considerations - ESD Shielding Bags. All metallized bags are not created equal. In fact, some bags may not provide the protection you expect – even though they look good and typical published data is good. Topics discussed include: Evaluating ESD shielding packaging to assure performance, and acceptance criteria for metallized bags.

5:00pm - 6:30pm - Appetizers and soft drinks were provided by the chapter.

6:30pm - 7:00 pm - (Craig Zander - Prostat Corporation) - presented Understanding Flooring and Footwear for Personnel Grounding - How do you know your floor is working? Discussions included: Requirements for meeting industry standards for flooring and footwear, and determining actual HBM handling capability based upon flooring/footwear combination.

7:00pm - 8:00pm - Vendor Tabletop Show/Prize Drawings

Photos of the September Chapter meeting/Vendor Show have been posted on the web site.
<http://www.esdnorthcentral.org/photogallery.html>