



Common Ground

January 26, 2007

President's Message

by Tom Lee

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Have you ever stopped and read the Home Page to our Chapter's web site? There's a sentence there that describes what our Chapter has been doing for the past 20 years.

It reads: "Our chapter members find the help and resources they need through educational programs, technical discussions, facility tours, and active networking during quarterly meetings."

Now, being a Chapter "user" of ESD products and ESD standards I know for a fact that I could not have achieved ANSI/ESD S20.20-1999 certification at my Celestica site without our Chapter's help.

Our educational programs provided the help I needed in understanding the phenomena of ESD plus the tools, test methods and elements which I needed to treat it.

Our technical discussions helped me sort out all kinds of ESD facts from ESD fiction. For example, I used to think cordless wrist straps would actually work!

Facility tours, seeing the real live workings of another site's ESD program or their ESD products, gave me all sorts of great ideas for my own site.

Finally, and what I believe to be the most important, is the active networking which our quarterly meetings provide. At these meetings I get to meet many fellow Chapter members who are very willing to offer me free, expert advice regarding my specific ESD concerns. It's refreshing to be around a group of people who understand the elusiveness of ESD and who know the best methods and elements to use to help prevent potential electrostatic component damage.

So, I encourage all of you to come to all of our Chapter meetings. You may need some help and someone out there may need your help. Bring along someone you know who may also need the same help the rest of us are getting. Yes, we're all here for the help.

2007 Chapter Meeting Schedule

by Tim Jarrett

March 5th

- The Chapter's annual Membership Dinner Meeting will be held at the Holiday Inn Hotel in Bloomington, MN
- Technical presentation: "Controlling ESD in Automated Equipment" presented by Donn Bellmore of Universal Instruments

May 9th & 10th

Program Manager Courses - Holiday Inn Hotel, Bloomington, MN

May 9th - Full Day Class

- "How To's of In-Plant ESD Survey and Evaluation Measurements" presented by Steve Halperin of Stephen Halperin & Associates, Ltd

May 10th - 1/2 Day Class

- "Clean Room Considerations for the Program Manager" presented by Chris Long of IBM

May 10th - 1/2 Day Class

- "Air Ionization: Issues and Answers" presented by Arnie Steinman of MKS, Ion System

June 11th

- Meeting Site: TBD
- Technical presentation – TBD

December 10th

- Meeting Site: TBD
- Technical presentation – TBD

September 10th

- Meeting Site: TBD
- Technical presentation – TBD

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

We also 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 Jarrett.

Membership

by Bernie Reiland

Our total paid membership for 2006 was 60 people, six less than last year. There were 16 people who did not renew for this year.

Membership for 2007 starts now. Our membership year is January 1 thru December 31. All current members, interested members, and former members will be getting an email renewal letter in January.

We will have the option of paying the membership dues, \$35, either by check or credit card. The credit card program will be open during February and March.

Applications are on the North Central ESD website: <http://www.esdnorthcentral.org> You can get your membership dues in early or at the annual March dinner meeting. For companys with 5 or more members, the membership dues are \$30 per person.

The credit card program is a small business program where we can activate the program for a period of time and then close it for the time we would have little activity. It costs \$25 per month for the period of time we have it open. Normally all our activity is in the first three months of the year. We have had this program for a couple years now and it has worked fine.

If you know anyone interested in ESD and our chapter, let me know and I will send them some information.

Secretary's Report

by Kevin Duncan

December 11, 2006 – Secretary's minutes: Business portion of the North Central Chapter of the ESD Association.

At 4:30 PM, Jeff Salisbury, Chapter President and host of the meeting welcomed the 22 members in attendance to the Seagate Technology facility in Shakopee, MN.

At 4:35 PM, after a brief introduction, Jeff Salisbury, called the business part of the meeting to order and asked for the following Officer Reports:

Secretary's Report: Kevin Duncan, Chapter Secretary reported the meeting minutes from the September 18th Chapter meeting held at Celestica in Arden Hills, MN.

Membership Report: Bernie Reiland, Membership Chairperson, reported that the current Chapter membership total was 60. Bernie reminded the Chapter that membership runs from January 1st through December 31st. Membership dues are \$35/year and the Chapter will be able to accept credit cards for payment of membership dues, starting in February 1st continuing through the end of March.

National Delegate Report: Dale Parkin, National Delegate, reported that the 28th EOS/ESD Symposium held at the Westin La Paloma Resort & Spa in Tucson, AZ was a huge success. The 2007 EOS/ESD Symposium will be held September 16th – 21st, 2007 at the Disneyland Hotel in Anaheim, CA. Standards meetings will be held February 8th-13th, 2007 also at the Disneyland Hotel with the June meetings series taking place at the Radisson Hotel and Suites, June 21st-26th, 2007 in Austin, TX. Tim Jarrett, Chapter Program Chairperson, was also recognized as the new Standards Business Unit Manager for the National ESD Association.

Jeff Salisbury then asked for any new business.

Tim Jarrett, Program Chairperson, reported that the Chapter's annual Membership Dinner Meeting will be held March 5th, 2007 at the Holiday Inn Hotel in Bloomington, MN. Donn Bellmore of Universal Instruments will be the guest speaker. Donn's technical presentation is titled, "Controlling ESD in Automated Equipment". The remainder of the 2007 calendar year is open for topics and for locations. If you wish to recommend a topic for discussion or to volunteer to host a Chapter meeting, please let us know.

Jeff then opened the floor for Board of Director nominations.

Dale Parkin nominated Steve Block for the position of Chapter Vice President, a one-year term. The nomination was seconded by Kris Meacham, voted on and unanimously approved.

Tim Jarrett nominated Jack Chandler for the position of Chapter Treasurer, a two-year term. The nomination was seconded by Bernie Reiland, voted on and unanimously approved

Moving from Chapter Vice President to the position of President for the 2007 calendar year will be Tom Lee.

At 5:00 PM, a light dinner was served.

At 5:30 PM Tim Machacek of Conductive Containers Incorporated presented on RoHS compliant microscope covers, RoHS compliant conductive containers, static dissipative clear films and no foam shipping solutions.

At 5:45 PM Tom Watkins of Transforming Technologies LLC presented on "NRD Ionization" used for removing unwanted static charges on insulators and isolated conductors. Tom provided information on the how alpha ionization works, the benefits of using alpha ionization and the necessary safety precautions that must be followed when using alpha ionization.

At 6:00 PM Don Reynolds of 3M presented on the "History of ESD Testing". Don, having been around for most of history, provided insight on the first test equipment used and the progression to what is currently available on the market. Items like EMI detection, constant wrist strap monitors, ground monitors and ionization feedback systems.

At 6:15 PM Craig Zander of Restronics Northland presented on "Using ESD Audit Equipment". Craig provided information on using audit equipment to conform to ANSI/ESD S20.20 using TR53 as the compliance verification guide. Craig demonstrated, how to make work surface measurements and how to use a Charged Plate Monitor to measure static charges and decay as well as how to measure voltage generated on a person.

At 6:30 PM, a motion was made to adjourn the meeting.