

LA/OC SMTA CHAPTER NEWS

SEPTEMBER 2005 EDITION

LA/OC SMTA is Proud to Present...

September 2005 Presentation

Dinner Meeting

Speaker

Ken Moore

Topic

610D & JSTD001D Updates
& Changes (More than just
Lead-free)

DATE

Thursday, Sept. 15th, 2005

AGENDA

6:00PM, Social Hour

7:00PM, Dinner/Presentation

MEETING FEES

\$20, Members

\$25, Nonmembers

MENU

Fajita Bar

LOCATION

Embassy Suites

3100 East Frontera

Anaheim, CA

LA/OC SMTA is Proud to Present...

October 2005 Chapter Training

Speaker

Dr. Harvey Stone

The Goodbye Chain Group

Topic

Complying with RoHS: Key
Issues, Best Practices and
Critical Steps

DATE

Thursday, October 27th, 2005

AGENDA

8:30am - Check-In

9:00am - 4:30pm - Presentation

MEETING FEES

\$140, Members

\$200, Non-Members

(Non-Member fee includes 1 Year
Individual SMTA Membership. A
\$60 Value.)

MENU

Pat & Oscar's Catered Lunch

LOCATION

Skyworks Solutions, Inc.

5221 California Avenue

Irvine, CA 92617

http://www.skyworksinc.com/directions_irvine.asp



LA/OC SMTA Chapter is Proud to Present...

September 2005 Presentation Dinner Meeting

610D & JSTD001D Updates & Changes (More than just Lead-free)

Presented By: Ken Moore, President, Omni Training

PRESENTATION ABSTRACT

After four years of participation from all directions of the electronics industry, the "D" revisions of IPC-A-610 and J-STD-001 were completed, printed, and released at the 2005 APEX, IPC Printed Circuits Expo. Ken Moore of Omni Training will present an overview of both documents, focusing on the most significant improvements and additions.

Most people know at least something about "Rev. D". Many will note the incorporation of lead-free solder criteria. However, that is just a small portion of the long list of changes brought about in large part by user input, a result of the often overlooked Standard Improvement Form found in the back of all IPC standards.

Ken will take us on a whirlwind tour of the two revised documents, showing us more logical structures, improved navigation, and a table of contents that reflects each other in similarity. Some of the features that will be discussed include enhanced BGA criteria, additional package types, such as the PQFN, and consolidation of previously fragmented topics, as well as corrected illustrations that were previously incorrect or unclear.

Lead-free initiatives have prompted a newly created Appendix E in J-STD-001, entitled "Visual Comparisons of SnPb and Lead Free Solder Connections". Likewise, the IPC-A-610 shows side-by-side photographs designed to eliminate the inevitable confusion that could fall upon operators and inspectors alike as solder joints are no longer "smooth, bright and shiny". Also revealed will be the newly revised Instructor and Application Specialist IPC certifications, which accommodate lead-free solder criteria.

Ken will display a series of photographs, comparing traditional tin-lead to lead-free solder joints. He'll show how solder surfaces previously rejected, are now recognized as "Target" solder connections as long as the required characteristics are observed, not to mention the new anomalies that come along with new alloys such as hot tearing and fillet lifting.

This is an excellent opportunity to bring along some of your associates who work with either, or both, of these relevant documents to gain a comprehensive understanding of the changes in these long-awaited revisions.

SPEAKER PROFILE

Ken Moore is the President of Omni Training, which has specialized in hands-on Training, and IPC Certification for soldered electronics assemblies and related technologies for nearly 30 years. He is a certified Master IPC Trainer (MIT) for the IPC-A-610, J-STD-001, IPC/WHMA-A-620, and the IPC-7711/7721 Rework & Repair Certification Programs.

With 25+ years experience in electronics manufacturing, he has served in various capacities including responsibilities in testing, training, & quality engineering. He has held an officer position of the LA/Orange County Chapter of SMTA and is a longstanding member of the ESD Association. Additionally, he has served on and chaired IPC Committees for the development of Standards & Training Certification Programs and is the recipient of numerous IPC Special Recognition Awards.

Ken has been a featured speaker at SMTA, the ESD Association and the APEX Trade Convention and continues to provide consultation and actively conducts hands-on solder training / certification courses throughout the United States and overseas.

EVENT RESERVATIONS

<http://www.laocsmta.org/reservation.php>

NO SHOWS WILL BE INVOICED

If you can not attend, please cancel your reservation by 12 Noon on Wednesday, prior to the meeting. See you there!

What's Inside this Months News Letter...

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Presidents Message

By: Scott Penin

The 6th Annual Golf Get Together was our largest event ever. Thank you to all our 81 sponsors, 118 golfers, and everyone who volunteered their time and effort to make this event successful! A special Thank You to Frank Kurisu and his staff at Solder Mask Inc. for their last 6+ months efforts to bring the tournament to the level at which it was this year.

This was Frank's last year to champion the golf tournament, as his new business concerns will take precedence, as we all understand. In year's past, we have asked Frank to manage the event and he took full control. Next year's tournament will be championed by a committee from SMTA and CCA. We will be asking for volunteers from both associations to continue the efforts, which Frank has started.

September is our 2 for 1 special meeting. If a member brings a non-member, the non-member will enjoy and free dinner and an update on IPC-A-610 and J-STD-001 latest standards, which were updated in February this year. Ken Moore of Omni Training has kindly volunteered to be our speaker. The new standards now include lead-free pictures and criteria.

Also in September for anyone who is up for a road trip, the SMTA International will be held in Chicago on the 25th through the 29th at the Donald Stephens Convention Center in Rosemont, Illinois (just outside the Chicago O'Hare Airport). SMTAI is held in conjunction with the Assembly Technology Expo, which has booths and technical papers on electro-mechanical assembly, cable assembly and opto-electronics. More information may be found on www.smta.org. They are also offering SMT certification classes at the show, as part of the technical offerings.

We have also started promoting our October event, which is our annual all-day chapter tutorial. This years subject is **Complying with RoHS: Key Issues, Best Practices and Critical Steps**. We have had two other presentations on lead-free this year; however, it is difficult to give our members all the information they need to know to identify and setup processes, and review workmanship criteria within a one-hour presentation. This 7-hour tutorial will be presented by Dr. Harvey Stone of The Goodbye Chain Group and hosted by Skyworks Solutions Inc. in Irvine on October 27th from 9:00am to 4:30pm. To obtain more information, please go to http://www.smta.org/education/chapter_tutorials/chapter_tutorials.cfm and scroll down to the LA/OC Chapter section.

As always, if you have any suggestions that will assist or improve our chapter, please contact us at www.laocsmta.org.

August 2005 Golf Review

Written By: Frank Kurisu

On Thursday, August 4, 2005 the SMTA / CCA in conjunction with CircuitTree Magazine hosted the 6th Annual Aloha Golf Get Together at the California Country Club, in Whittier, California. The purpose of this event is to support the Surface Mount Technology Association and the California Circuits Association by hosting a FUN event for those of us in the Printed Circuit Board Manufacturing and Printed Circuit Board Assembly Industries.

My name is Frank Kurisu, President of SolderMask, Inc. For the past 20 years SolderMask, Inc. has been a service provider to the Printed Circuit Manufacturers applying photoimageable solder masks on to printed circuit boards. Also for the last 12 years SolderMask, Inc. has made chemically etched and laser cut stainless steel solder paste stencils for Printed Circuit Board Assemblers. Because I deal with both sides of the Printed Circuit Board Industry I don't have to go far to hear all the "bad" news about our industries; you all know what I am talking about.

In part that is why I started the Aloha Golf Get Together 6 years ago. Never in my wildest dreams did I envision this event evolving into this festival of Aloha. Our industries continue to suffer with what I call the "China Syndrome", government regulations, technology drains and other bull_____ that have made a once great industry migrate from the USA to other nations leaving us empty. While I know that the 6th Annual Aloha Golf Get Together cannot turn the tide for our industries I do think that we all need a break from the "doom and gloom" and August 4, 2005, provided that release for all that attended the event.

From the sign in, everyone started to get in to the "Aloha Sprit", mingling with old and new friend, and spent the morning getting to know everyone. Coffee and Krispy Cream donuts didn't hurt while participating in the putting and chipping contest. This year a new twist was added to the Aloha Golf Get Together with a pre game raffle giving away nostalgic towels from past Aloha Golf Get Together events and golf balls donated by, Larry Kay, of P.Kay Metals. Also new to this year's Aloha Golf Get Together was a separation of the field by creating a Professional and Amateur division. This was determined by yours truly and there was no room for negotiations.

As I traveled around the course meeting each group and playing a shot or two with them I found a true sense of Aloha in all the participants. This time also gave me an opportunity to enjoy being with my industry "brothers" and "sisters" in a way that could not be experienced in the normal day to day environment. As the round finished and everyone migrated to the 19th Hole Tiki bar, I heard stories that can't be repeated about the day's great and missed shots. The bar was filled outside and in with people having a great time and sharing that time with others.

With the dinner bell brought on a new feeling to the group with everyone enjoying a dinner of Steak and Swordfish, salad, vegetables and desert. During the sign in, on the course and at the banquet raffle ticket were sold to all that wanted to take home some of the more than \$6000.00 of QUALITY Golf Equipment that Laura and I had purchased. I must give special thanks to Linda Cooke for her efforts in promoting the raffle ticket sales as she has done in years past. My job now turned to being the Master of Ceremonies at the banquet. Because there were so many companies and people to thank, awards to hand out and a huge raffle I elected to speak while everyone was eating their dinner. This event is long enough and had I not done this we still would be at the banquet finishing up the raffle.

All said and done the 6th Annual SMTA / CCA Aloha Golf Get Together was a huge success. A large part of the success is due to the 81 sponsors that donated money and "give aways" as well as the volunteers that gave their time to help insure that each golfer had a wonderful experience. And let's not forget the 120 Golfers that came out to participate in the day's events. This year's event has been a roaring success. Bringing our industries people together for a day of Fun and Golf is a good start to strengthening our industries and moving forward into the future.

I have been fortunate to be a part of this event for the last 6 years. During that time Laura and I have watch the event grow from 28 golfers to 120 golfers, from 7 sponsors to 81 sponsors and from being a small event to being an event that people want to be a part of.

This year I have announced that I will be giving up my position of Chairman of the SMTA / CCA Aloha Golf Get Together in order to devote my energies to my multiple businesses. Over the past 6 years I have enjoyed hosting the event and watching it grow. Laura, my staff and I put our heart and soul into hosting this event for you and it is my hope that each of you will continue to do whatever you can to support the future SMTA / CCA Aloha Golf Get Together's.

Mahalo,

Laura and Frank Kurisu
Chairman 6th Annual SMTA / CCA Aloha Golf Get Together
SolderMask, Inc.
3D Rapid Prototyping, a division of SolderMask, Inc.

August 2005 6th Annual SMTA/CCA Golf Get Together Results

Written By: Frank Kurisu

Closest to the Pin (Women & Men) - (\$25.00 Gift Certificate to Roger Dunn Golf & a dozen golf balls)

Lynne Pontenza – US Navy
Chris Hrusovsky - Rockwood Electronic Materials

Accurate Drive (Women & Men) - (\$25.00 Gift Certificate to Roger Dunn Golf & a dozen golf balls)

Jennifer Sims - 3M
John Langhans - Guest of Lee Haight, Allen, Haight, Monaghan, LLP

Ultimate Score - (\$25.00 Gift Certificate to Roger Dunn Golf for each team member)

Jennifer Sims - 3M
Evelyn Baldwin - 3M
Steve Meischke - 3M
Wayne Koh - Kingston Guest of 3M
Score of 82 (10 over parr)

Putting Contest - (\$25.00 Gift Certificate to Roger Dunn Golf & a dozen golf balls)

Rick Lovelady - Tapco
Score 8 (Won event in a 3 way putt off)

Chipping Contest - (\$25.00 Gift Certificate to Roger Dunn Golf & a dozen balls)

Steve O'Sullivan - Advanced Precision
Tony Masci - Advanced Precision
Rick Lovelady - Tapco
Score of 1 (three way tie)

Special Gift for all Women Golfers (\$25.00 Gift Certificate to Designer Shoe Warehouse and a unique wooden gift box)

Professional Division - 1st Place (\$100.00 Gift Certificate to Roger Dunn Golf for each team member)

Duain Morgan - Tritek Circuit Products, Inc.
Sam Morgan - Tritek Circuit Products, Inc.
Bill Seles - Tritek Circuit Products, Inc.
Ed Porter - TTM Technologies
Score 60 (-12)

2nd Place (\$75.00 Gift Certificate to Roger Dunn Golf for each team member)

Kevin Doverspike - Fluidmaster, Inc.
Johnny Merell - Mer-Mar, Inc.
Dennis Jennings - ADS Gold, Inc.
Pat Lopez - ADS Gold, Inc.
Score 63 (-9)

3rd Place (\$50.00 Gift Certificate to Roger Dunn Golf for each team member)

Tom Sciulli - Winonics, Inc.
Bud Wright - Rockwood Electronics Materials
Bill Kennard - Winonics, Inc.
Chris Hrusovsky - Rockwood Electronics Materials
Score 64 (-8)

Amateur Division - 1st Place (\$100.00 Gift Certificate to Roger Dunn Golf for each team member)

Larry Howard - A-Cal
Robert Hazelton - A-Cal
Garret Hansen - A-Cal
Craig Schwarz - A-Cal
Score 61 (-11 Tie for 1st place, card off starting with #1 Handicap hole)

2nd Place (\$75.00 Gift Certificate to Roger Dunn Golf for each team member)

Doug Winther - Technical Devices Company
Ron Herbert - Technical Devices Company
Mike Dow – Guest of Ron Herbert, Technical Devices Company
Mike Abee - Guest of Ron Herbert, Technical Devices Company
Score 61 (-11 Tie for 1st place, card off starting with #1 Handicap hole)

3rd Place (\$50.00 Gift Certificate to Roger Dunn Golf for each team member)

Nick Bernacke - Qual-Pro Corp
Terri Strabo - Qual-Pro Corp
John Garrigan - Technic, Inc.
Gary George – P. Kay Metals
Score 62 (-10)

Congratulations to all the winners!

All winners received individually Laser Engraved trophies, donated by SolderMask, Inc.

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T 952-920-7682 · F 952-926-1819 · www.smta.org

Invitation to Start an SMTA Student Chapter

The SMTA is looking to start student chapters! The mission of SMTA student chapters is to build a network of students and professionals and to create learning opportunities for students to develop skills and knowledge necessary to work in electronic assembly technologies and related business operations.

A student chapter may be established at any post secondary school that supports surface mount technology, microelectronics, electronics packaging, or related industries via programs, courses, and/or activities. Only five student members are needed to start and maintain a student chapter. The student membership cost is \$5.00 per year. You can find the application for an Associate (Student) membership on-line at http://www.smta.org/membership/membership_step_1.cfm. Membership puts students in touch with the many SMTA publications and services. It also provides student discounts on conferences along with many opportunities for professional development.

The details of operating an SMTA student chapter are quite simple and spelled out in the "SMTA Student Chapter Guidelines and Bylaws".

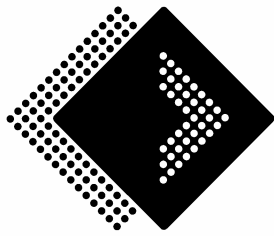
If you would like to start an SMTA student chapter at your school, please complete the "Student Chapter Start-up Application Form" that is attached.

Thanks for considering the formation of an SMTA student chapter at your school!

Sincerely,
Sis Sullivan
Student Chapter Coordinator
sis@smta.org

**TO FIND OUT MORE ABOUT FORMING
YOUR OWN STUDENT CHAPTER**

GOTO: <http://www.laocsmta.org/Students/index.html>



SMTA

Surface Mount Technology Association

STUDENT CHAPTER START-UP APPLICATION FORM

Application for academic year beginning _____ (Month/Year)

School Name _____

SCHOOL ACTIVITIES THAT SUPPORT RELATED INDUSTRIES

Please describe how your school supports the surface mount technology, microelectronics, electronics packaging, or related industries, in terms of school programs, courses and or activities offered.

FACULTY ADVISOR

Name and contact information of the **SMTA member** to serve as faculty advisor:
(Advisor must be an SMTA member)

Faculty Advisor Name: _____

Preferred Address: _____

Business Phone: _____ Business Fax: _____

Business Email: _____ Member Number: _____

STUDENT MEMBERS

Five **SMTA student members** are required to start and maintain an SMTA student chapter. Please list five students that are currently SMTA members at your school.

Student 1 Name: _____ Member Number: _____

Student 2 Name: _____ Member Number: _____

Student 3 Name: _____ Member Number: _____

Student 4 Name: _____ Member Number: _____

Student 5 Name: _____ Member Number: _____

Please mail, fax, or email this form to:

SMTA Headquarters
5200 Willson Road
Suite 215
Edina, MN 55424
Fax 952.926.1819
e-mail: sis@smta.org
www.smta.org

All Student Chapter info (including this form) is available at : <http://www.laocsmta.org/Students/index.html>

If you have any questions please...just give us at 952-920-7682



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Submission Guidelines

Acceptable Artwork Formats: .pdf, .jpg, .bmp, .gif, .tif, html, & Camera Ready Artwork. Laser Printed Pages will not be accepted.

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OR	3.75"	9.75"

Schedule

Ads should be submitted at least one week prior to the end of the month proceeding the first month of desired publication.

Vendor Tables

Display your products and literature at a Chapter Meeting for a fee of \$100, and receive a bonus of one free 1/4 page AD for one month.

Contact

Scott Penin

Call: (714) 403-1874 / E-Mail: info@paradigmmanufacturing.com

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"Habitat for Leadership Development"

Do you enjoy working on teams and relating to others? Are you able to speak clearly and delegate to others? Are you good at collecting and analyzing data, problem solving, & planning? Do you desire to be a leader? If you can answer "YES" to some of these questions, then perhaps you would like to volunteer some of your skills for one of our many Planning Committees.

A Planning Committee member will typically donate just an hour/month performing various planning activities. The activities could range from researching various meeting locations, costs, supplies, and speakers needed, to providing incentive/survey methods and input/feedback on newsletter, website, and/or meeting content.

Many committees are available to choose from, such as the *Christmas Party Committee, Tour Meeting Committee, Chapter Training Program Committee, Golf Tournament Committee, Attendance Committee, Membership Committee, Student Chapter Committee, New Membership Committee, Fund Raising Committee, Technical Speaker Committee, and Newsletter & Website Committee.*

This is an excellent opportunity to receive free leadership skill building, improve your contacts within the industry, provide support for a mission you care about, and most of all demonstrate to your friends and colleagues that you have what it takes to be a leader.

So come on out and join one of our Volunteer Planning Committees and be a part of our ***"Habitat for Leadership Development"***!

Remember....Life is Change...Growth is Optional...Choose Wisely!

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OR

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