

S-1 General Session  
The Brown Hotel  
Louisville, Ky 40202  
Tuesday April 1, 2008

**1.0 Call to Order - Circulate Membership Roster**

Meeting called to order at 8:05 am by Chairman Mike Lauri

**2.0 Committee Organization and Procedures**

2.1 Membership Intros were conducted and Roster circulated.

The attendance was as follows:

<b>NAME</b>	<b>COMPANY</b>
Michael Lauri	IBM
Paul Krystek	IBM via Phone
Dave Richardson	Vishay
Bill Gisseler	TDK
Laird Macomber	CDE
Brian Piscitelli	KOA
Carl Lindquist	SOC America Inc.
Jayson Young	Kemet Electronics
Joe Biernacki	Stackpole Electronics
Ralph Justus	ECA
Mary Carter Berrios	Kemet Electronics
Bob Willis	ECA
Tom Costello	IceTech
Lanney McHargue	Murata
Mark Crawford	Dept of Commerce
Chris Reynolds	AVX

A quorum was present. 11 of 12 member companies present at meeting.

<b>Member Organizations Present</b>	<b>Present at this Meeting (Spring 2008)</b>	<b>Present at this Meeting (Fall 2007)</b>	<b>Present at this Meeting (Spring 2007)</b>
AVX	Y	Y	Y
Cornell Dubilier	Y	N	Y
IBM	Y	Y	Y
Kemet	Y	Y	Y
KOA Speer Electronics	Y	N	Y
SOC America Inc.	Y	Y	Y
SEI Electronics	Y	Y	Y
TDK	Y	Y	Y
TI	N	Y	N
Vishay	Y	Y	Y
Murata Electronics	Y	N	Y

<b>Member Organizations Absent</b>	<b>Present at this meeting?( Spring 2008)</b>	<b>Present at this meeting?(Fall 2007)</b>	<b>Present at this meeting? (Spring 2007)</b>
ATC (bought by AVX)	N	N	Y
Panasonic	N	N	Y
Epcos	N	N	Y
Mini-Systems Inc	N	N	Y
Intel	N	N	Y
Yageo	N	N	Y

<b>Other Organizations Present</b>
ECA
IceTech
Dept of Commerce

**2.2 Approval of Agenda and Previous Minutes** – Approved.

**2.3 Correspondence** – No correspondence was received.

**2.4 Review of Committees Scope**- To provide leadership and direction for passive component standards engineering working groups. The Committee will offer an opportunity for creating a unifying environment for interaction between all passive component users and producers. No changes required at this time.

**3.0 ECA Update/Presentations** - Ralph Justus of ECA gave an update on the EIA/ECA environmental issues. The EIA, JEDEC and JGPSS1 have been working on JIG-101A with phase 2 of REACH. New players to this are now EICTA, ITI and CEA.

3.1 Bob Willis President of ECA gave a report on the EIA realignment. The realignment was made up of consensus with all of its sectors. The industry has changed and some of the sectors could not get consensus so the EIA had to realign. EIA is still alive and well. The ECA will manage the EIA standards activities and keep the EIA brand. The EIA has a new logo and mission, to promote domestic and International growth, technology innovation and commerce for the electronics industry through EIA standards. The also will develop and maintain the current standards. The EIA is also developing a marketing campaign for brochures, news letters and to develop a standard booth at the various conferences and they plan to go to be present at EDS and ECTC.

ECA wants input on who we would like to hear from in our industry as far as presentations, speakers etc. for our upcoming meetings weather it be a user, material supplier or producer. Bob also stated that IHS is mostly made of corporate memberships from large companies who want many standards vs Global which sells individual specifications which don't make money. ECA will look into downloadable standards similar to JEDEC per a request from committee membership.

## **4.0 Presentations**

4.1 Tom Costello of IceTech gave a presentation on Dry Ice Blasting for various cleaning applications. IceTech was formed in 1977 and in 1998 went into production on its Dry Ice Blasting equipment. The dry ice blasting is very similar to high pressure water washing where it shoots dry ice pellets out under various pressures which cleans everything from grease to circuit boards.

Since no water is used and it's a dry process, the Dry Ice Blasting can be used on live wires to clean high voltage wires, circuits etc...The dry ice pellets can be shot out at a maximum PSI of 230PSI and as low a 40-50PSI depending on the cleaning application. This process is also non-abrasive with no waste, generally just clean up the dirt from the floor with no rags or solvents to clean up or dispose of afterwards. This cleaning reduces down time on equipment and increases production since its non-conductive. A low end Dry Ice Blasting machine starts at about 20K dollars which includes all the splitters and tips.

4.2. Mark Crawford of the Dept. of Commerce presented Counterfeits: How Big a Bite will they take out of your Business? The Dept of Commerce office of technology evaluation put together a counterfeit parts survey for the entire industry to assess how broad the market is for counterfeits and what products are affected most by this troubling problem. This survey was initiated for the military services, industry associations and Congress. The survey will be mandatory to fill out if your company receives it otherwise companies can be fined and jailed. The OTE is assessing the effects of counterfeit electronics on US national security, impact on the supply chain integrity and industrial capabilities. This survey is needed to understand the extent of the problem in the industry. Most companies are very reluctant to discuss their problems openly for fear of having their reputations damaged. It is believed that in electronic components has been estimated to be 1-10B dollars annually. Counterfeits have been found in the US defense supply chain, with defense systems and aircrafts to date and communications, aircrafts, ships and weapons systems could be adversely affected by this major problem. He asked if ECA members were affected and most responded yes they were in some means or another. The OTE will utilize mandatory data collection to document past problems, review procurement polices, review inspection and test procedures, investigate inventory management and also to identify industry and government best practices. They will survey many sectors including pcb manufactures, producers of electronic components, franchised and broker distributors and end users and defense depots and military prime contractors. This study of counterfeits has been coordinated with many groups throughout the industry. The survey will be sent out in the next month and a report will be delivered in the Fall 2008.

## **5.0 Old Business**

5.1 PN5149 – J-STD-075 new joint standard on Assembly Processing, Evaluation and Classification of Non-IC Electronic Components Update – Paul Krystek via phone gave an update on the status of this new document. It is currently in the ECA 30 day voting process with voting coming to a close on 4/7/08. To date we have 6 approvals ( KOA, SOC, SEI, Vishay, IBM, Kemet, CDE) , 1 approval with editorial comments ( CDE) There are no technical comments to date. We are missing votes from AVX, TDK, EPCOS, Murata. IBM spoke with the members present (Murata, TDK, AVX) to get their vote in by the 4/7/08 deadline. Paul then went through the JEDEC vote and comments as well as the IPC vote and comments. It appears that we have enough approvals in each of the organizations to pass it this time. One hang up seems to be IPC voting and their rules which Paul is investigating further to resolve.

5.2 Status of AEC Change Notification Process (PCN) – Kemet – Mary Carter-Berrios gave an update on the automotive qualification and change notification process (PCN). Automotive customers surveyed state that 80% of their problems are due to supplier process changes. They say there have hundreds open a month, with even more submitted monthly. Automotive companies cannot keep up with all these changes. This is impacting many of the suppliers in implementing changes. Mary stated that a automotive member company stated I don't want to know attitude on PCNs but don't ever screw up or have quality problems. Mary says the new Q200 revision discussions will be every Tuesday starting next week and recommended that all component suppliers attend as needed to help this effort. A workshop will be set for May timeframe where there will be a couple of days of papers, presentations and sessions on Q200.

5.3 Status of PN5165 China RoHS Environmental Friendly Use Period (EFUP) Marking Requirements component bulletin CB24. Chairmen had a brief discussion about this document being open for over a year now without any comments and recommended it be voted on to publish. A motion was made, seconded and the PN 5165 was voted on and unanimously approved to publish as CB24. Chairmen Mike Lauri will send Cecelia and ECA final document to publish.

## **6.0 New Business**

6.1 Ralph Justus of ECA brought up that he would be discussing membership voting lists at the STPC meeting along with a possible company participation fee. This is all to try and encourage more members to join in the future. Ralph also discussed that he is looking at the voting eligibility list as to who can and cannot vote at the STPC meeting.

**7.0 Future Meetings** – The next meeting Fall 2008 will be at the Red Lion Hotel, 161 West 600 South, Salt Lake City, UT 84101 on October 6-9 2008. The committee voted on holding the Spring 2009 meeting in New Orleans, La, as the primary site, with backup being Greenville, SC.

## **8.0 Action Items –**

1. Chairmen M. Lauri will send the final PN5165 to ECA for publishing as CB24.

**9.0 Adjournment** – Meeting was adjourned at 10:55 AM.