

Attachment No. 6

CE-2.0 Committee on National Connector Standards

S.A.E. Liaison Report

By Committee Member: David Bouzek

As reported at our Oct 17th & 18th 2005 Meeting in Memphis, TN.

The following are some of the topics covered at the SAE meeting October 6th & 7th, 2005 meeting held in Dallas, TX.

EIA Tasks – SAE has been asking for feed back on the Lightning Strike Test, Test Method for millivolt drop Composite / Metal, and M2-V Chevron Oil Test (EIA-364-10C. Al Davis should contact SAE to coordinate the Lightning strike action items.

Alternate Material / Plating for connectors – This remains a dynamic and volatile issue. There is no hard and fast mandate in the US to ban Cadmium, however, the EU and Canada are still set to ban its use after July 2006. A number of members felt the ban might be delayed, especially if additional companies (Amphenol only one) make requests. You should contact Eric Shepler (Amphenol) or Pat Oakes of Glenair the task team leader, if you would like further information.

Mil-C-39029 Conversion – Mil-C-39029 has been cancelled and superseded by the SAE document AS39029. It is currently being updated / coordinated with over 5 years of comments. The update could be out by year's end. Ron Peterson is the Task Team Leader.

Nickel Plated Wire Terminations – Testing is underway to determine the effects on a standard crimp (standard tool & contacts) with high strength nickel-plated wire. Users have reported suspected higher resistance values with this wire.

Projects that are being worked on and are essentially in a “work in progress” stage:

- Mil-C-38999 Series III Vibration Sensitivity & Metal to Metal bottoming. Eric Shepler is the Task Team Leader.
- AS39029 contact color band requirements for “G” class M38999. Frank Despain is the Task Team Leader.
- M38999 composite jam nut relaxation. Eric Shepler is the Task Team Leader.
- M38999/31 Lanyard release problems. Task group is working on defining performance envelopes and factors to address high rate of failures / damage to aircraft and ordnance. Trevor Williams is the Task Team Leader.

The Chairman of this SAE Subcommittee AE-8C1 is Bobby Crumb.