

Draft dated 19 March 2006

PRELIMINARY MEETING AGENDA – CE-2.1 SUBCOMMITTEE ON TEST PROCEDURES 24 – 25 April 2006, FT. LAUDERDALE, FL

1. Approval of the 17 – 18 October 2005 Minutes

2. TEST PROCEDURE PROJECTS (BY PROJECT NUMBER)

"If any SP listed below receives insufficient votes for approval, the committee may approve the document for EDEC ballot at this meeting. It is the responsibility of the member to submit comments in writing prior to the meeting".

- A. PN-3787, EIA-364-1000.02 (EIA-364-1001 new designation) Current Rating Verification Procedure (Frank Ruffino and John Healey)
- B. SP-4942-A, TP-60A, General Methods for Porosity Testing (John Healy)
Ballot issued 6 December 2005 with a ballot expiration date of 6 February 2006.
- C. SP-4945-A, TP-29C, Contact Retention (Max Peel)
Ballot issued 7 December 2005 with a ballot expiration date of 7 February 2006.
- D. PN-4943, TP-65, MFG (Max Peel)
- E. SP-4981, TP-70B, Temperature Rise Versus Current (Max Peel)
Ballot issued 3 March 2006 with a ballot expiration date of 3 May 2006.
- F. SP-5064-A, TP-110, Thermal Cycling (Max Peel)
Ballot counts from Cecelia on 1 March 2006 determine that there were 6 approvals, 1 favorable approval with comment from John Healey. Ready to be submitted for EDEC ballot at the April 2006 meeting.
- G. SP-5071, TP-48A, Metallic Coating Thickness (Jeff Toran)**
Sent letter (mccwil227) and revised cover sheet to EIA for EDEC ballot on behalf of Jeff Toran 13 January 2006.
- H. SP-5083, TP- 5, 7, 8, 24, 25, 27, 37, 40, 44, 79, 85, 87, 88, 93, 94, 97, 98 (J. Toran)**
Sent letter (mccwil224) to EIA for EDEC ballot for reaffirmation on behalf of Jeff Toran on 13 January 2006. Sent e-mail to distribution list indication that I was notified by EIA that insufficient ballots were received to process as EDEC ballot. Only 5 ballots were received and we need 7. E-mail sent on 12 March 2006.
- I. SP-5084-A, TP-36B, Determination of Gas-Tight characteristics Test for Electrical Connectors and or Contact Systems (Jeff Toran)**
Ballot issued 17 January 2006 with a ballot expiration date of 17 March 2006.

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- J. SP-5085, TP-46B, Microsecond Discontinuity Test Procedure for Electrical Connectors, Contacts and Sockets (Jeff Toran)**
Published January 2006.
- K. SP-5086, TP-89A, Test Procedures for Electrical Connectors for Space Applications (Jeff Toran)**
Published January 2006.
- L. SP-5089, TP-55, Current Cycling (Bob Druckenmiller)**
- M. SP-5103, EIA-364-10D, Fluid Immersion (Carl Fritz)
Published March 2006.
- N. SP-5105, EIA-364-23C, Low Level Contact Resistance (Carl Fritz for Contech Research)
Sent revised standard and letter to EIA (mccwil240) for EDEC ballot on 13 January 2006.
- O. SP-5106, EIA-364-06B, Contact Resistance (Carl Fritz for Contech Research)
Sent revised standard and letter to EIA (mccwil241) for EDEC ballot on 13 January 2006.
- P. SP-5107, EIA-364-1002, Compliant Pin Contact Document (Max Peel)
- Q. SP-5108, TP- 2, 3, 9, 13, 14, 26, 28, 35, 38, 42, 50, 54, 95, 99, 100, 102 and 103 (C. Fritz)**
Sent letter (mccwil231) to EIA for EDEC ballot for reaffirmation on 13 January 2006.
- R. SP-5109, TP-18B, Visual Inspection (Carl Fritz)**
Ballot issued 15 December 2005 with a ballot expiration date of 15 February 2006.
- S. SP-5110, TP-15A, Contact Strength (Carl Fritz)**
Sent revised standard and letter to EIA (mccwil239) for EDEC ballot 12 January 2006.
- T. SP-5111-A, TP-59A, Low Temperature (Carl Fritz)**
Ballot issued 27 January 2006 with a ballot expiration date of 27 March 2006.
- U. SP-5113, TP-75, Lightning Strike (Carl Fritz)
Standard reaffirmed 28 February 2006.
- V. SP-5124, TP-56, Resistance to Soldering Heat (Carl Fritz)
Ballot issued 12 December 2005 with a ballot expiration date of 13 February 2006.

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- W. SP-5125, TP-28E, Vibration (Carl Fritz)
Ballot issued 2 December 2005 with a ballot expiration date of 2 February 2006.
Errata sheet sent to EIA to correct the errors in table 2 and 3 on 7 December 2005.
- X. SP-5126, TP-86, Polarizing/coding key overstress (Carl Fritz)
Sent letter to EIA for SP ballot to reaffirm on 13 December 2005.
- Y. SP-5127, TP-92, Wire bending for insulation displacement contacts (Carl Fritz)
Sent letter to EIA for SP ballot to reaffirm on 13 December 2005.
- Z. SP-5134, TP-32C, Thermal Shock (Max Peel)
Ballot issued 16 February 2006 with a ballot expiration date of 17 April 2006.
- AA. SP-5136, TP-13B, Mating and Unmating Force Test Procedure for Electrical Connectors and Sockets
Sent to EIA for SP ballot (mccwil250) 1 March 2006.

** Past due for 5-year review

3. TEST PROCEDURES AWAITING PROJECT NUMBERS (BY TP NUMBER)

- A.. TP-17B, Temperature Life (Max Peel)
- B. TP-25C, Probe damage (Max Peel)
- C. TP-31B, Humidity (Max Peel)
- D. TP-41C, Cable Flexing (Max Peel)
- E. EIA-364-105, Altitude, Low Temperature (Bill Upstone)
- F. New Standard: Ionic Contamination (John Healey)

4. STG REPORT

- A. STG-29-2.1 Performance Criteria (SP-5038-1, EIA-364-1000.01)-John Healy and Max Peel
Sent standard and letter to EIA (mccwil249) for EDEC ballot 3 February 2006.

5. OTHER BUSINESS

- A. MIL-PRF-39012 update (Ralph Antonelli)
- B. Millivolt drop criteria for power connectors update (F. Ruffino)

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6. NEW BUSINESS

- A. SP-XXXX, EIA-364-1000) John Healy
Need to request new project number to revise this specification and change document number to EIA-364-1000.
- B. TP-7B, Contact axial concentricity (Max Peel)
- C. TP-87, Nanosecond event detection (Max Peel)
- D. SP-XXXX, TP-01, 21, 22, 39, 43, 45, 53, 66, 83, 90, 101, 106, 107, 108

14 Standards Due for 5 Year review

Test	EIA-364 TP	Rev	Date of last issue	5 Year due date	Years past due	Comments
Acceleration	01	B	May-00	April-05	1	Published May 00
Contact resistance	06	B	May-00	April-05	1	Sent EIA for EDEC ballot 13 January 2006
Insulation resistance	21	C	May-00	April-05	1	Published May 00
Simulated life	22	B	March-00	February-05	1	Published Mar 00
Humidity	31	B	May-00	April-05	1	Under revision by Max Peel
Thermal shock (temperature cycling)	32	C	May-00	April-05	1	Sent to EIA for SP-5134 ballot 27 January 2006
Hydrostatic	39	B	August-99	July-04	1	Published Aug 99
Cable clamping (bending moment)	43	B	July-00	June-05	1	Published Jul 00
Firewall flame	45	A	May-00	April-05	1	Published May 00
Nitric acid vapor	53	B	May-00	April-05	1	Published May 00
EMI shielding effectiveness	66	A	May-00	April-05	1	Published May 00
Shell-to-shell and shell-to-bulkhead resistance	83		August-99	July-04	1	Published Aug 99
Crosstalk ratio	90		January-00	December-04	1	Published Jan 00
Attenuation	101		May-00	April-05	1	Published May 00
Standing wave ratio (SWR)	106		May-00	April-05	1	Published May 00
Eye pattern	107		May-00	April-05	1	Published May 00
Impedance, reflection coefficient, return loss, and VSWR	108		July-00	June-05	1	Published Jul 00

NOTE: Document format up to date on all of the above listed standards for 5-year review. **NOTE: Shaded standards currently being worked on.**

Carl Fritz, Chairman CE-2.1