

Meeting Report  
ABYC Electrical Project Technical Committee  
Tampa, Florida  
January 14, 2013

1. Previous Actions

- A new Task Force was created to research and develop requirements for Rating of Bus Bars.
- Still receiving comments recommending E-11 be split back into AC and DC standards. ABYC will modify the standard electronically to ease research into the AC and DC portions.

2. S-31, Environmental Considerations for Systems and Components Installed Onboard Boats

- Added "Electronics" to the title
- Changed the scope to apply to all electronic systems on the boat where specified in other ABYC standards.
- Need an IEC reference to define a "suitable test facility."
- Deleted the requirement to conduct EMC testing at an independent lab. The specified standard requiring S-31 testing will determine where the testing will be conducted.
- Added an appendix for various levels of pass/fail criteria.
- A small group will research the vibration test criteria.
- Next action: Go to ballot after input from subcommittees. Estimate 30 days for subcommittee work and a 45 day ballot.

3. E-2, Cathodic Protection

- The subcommittee addressed all opened comments. Still need to address wooden boats and impressed current systems.
- Corrected the definitions of anode and cathode.
- Can the 59 definitions be moved to a glossary?
- Next action: Sent out for comments on consensus ballot.

4. TE-4, Lightning Protection

- Continued the debate of what to do with this standard. Keep it or not?
- Next action: Another subcommittee was formed to review and revise the standard for future E PTC review.

5. Request For Interpretation

- E-11 says that an ELCI must meet the requirements of UL 943. This requires a grounded neutral. The RCD does not require a grounded neutral. Was it the intent of the PTC to require the ELCI to ground the neutral? The answer was no, since this item was not discussed in the original ELCI requirement. The PTC's response to this RFI now becomes a part of E-11 until the review period opens for E-11.

6. Electrical Safety Document Checklist

- Do we need a checklist for marine technicians for installation of three phase systems? Or an E-11-type document for three phase systems? ABYC staff to research the need.

7. New Business

- Battery Overcurrent Protection – Covered in E-11.10. Will form a subcommittee to review these requirements. Look at the wording for requirements of CCA and amp-hour limits. May add drawings of overcurrent protection for battery banks.
- Calendar for Electrical Standards – E-11 will go into review next year.
- The Battery Subcommittee may be reactivated.

8. E-11, AC & DC Electrical Systems On Boats

- Looking at the ANSI process to change E-11 to a continuous review cycle.

- I offered that ABYC should retain the systematic review of the entire standard, maybe every 5 years.
  - Still concerns about boat builder compliance with a standard that changes every year.
9. The next meeting of the ABYC Electrical PTC was tentatively set for January 2014.

The information contained herein is prepared by NMMA staff and intended for informational purposes and informal background use only. It is not intended to serve as an official report of the meeting's proceedings, actions or outcomes. This unofficial summary prepared by NMMA staff is not intended to generate any action on the part of any reader. The only recognized official transcript of any ABYC PTC meeting is the official minutes of the meeting generated by the meeting's convener or sponsor.