

The Club 420 Association  
Minutes of Meeting of the Board of Directors  
December 12, 2011

**Attendees:**

John Barbano, President  
Jennifer Draheim, Vice President  
Chuck Lamphere, Treasurer  
Kathleen Tell, Secretary  
Ed Liberty, Class Measurer  
Bub Kovacs  
John Lambert  
Denise MacGillivray  
John Morgan  
John Reiter  
Stacy Silvestri  
Bill Crane, LP  
Steve Perry, Zim

**Location:** by telephone

**President's Remarks:** John Barbano called the meeting to order at about 8 pm, EST.

**Approval of Minutes** of September 15, 2011 as amended.

Motion by John Lambert, seconded by Bub Kovacs  
Unanimously approved.

**Treasurer's Report**

Chuck Lamphere reported that the Association remains in sound health, with a surplus of \$20,000. Profitability is fueled by sail revenues, reduction of clinics, and the assistance of host clubs in ensuring that regatta competitors are Association members.

Chuck Lamphere proposes that the Association retain Jeff Wadovick as Class Accountant. Mr. Wadovick serves in that capacity for the USODA, is widely respected for his scrupulous and competent work and is, according to Bub Kovacs who has worked extensively with him on behalf of USODA, the "ideal candidate." Mr. Wadovick has indicated his willingness to serve the Class for a fee of \$500 per month for the first year. After that, he will "open book his time card" and adjust his fee request according to the actual burdens of the job. His services will include IRS filings

John Lambert noted that it is important for the Class to professionalize its management and provide continuity and independence in its financial oversight.

**Motion** by John Lambert that the Class President be authorized to enter into a contract with Mr. Wadovick for a one year term at the rate of \$500 per month to serve as Class Accountant. At the end of the year, the Association will assess his performance and determine whether and on what terms to continue his

engagement. **Seconded** by Kathleen Tell  
**Unanimously approved.**

## NEW BUSINESS

### **Safety Committee, John Morgan**

The Committee has reviewed the US Sailing report on the Severn accident, spoken with numerous coaches and is working on a number of long and short term projects including, in the short term: 1) review the inspection checklist & ensure most recent version is used by our hosts; 2) encourage host clubs to have safety and emergency plans; 3) develop and distribute safety protocols for sailors, coaches parents & clubs; 4) examine PFD recommendations and the desirability of changes to equipment, such as flotation panels, use of flotation bags, etc.

John Lambert proposed that the Class provide one page executive summary of what hosts should have as emergency plan. Bill Crane has found few crisis plans that anticipate serious injuries or fatalities, but will forward those he has found to John Morgan. He will also send the RYA study on inversions. He also reported that US Sailing has examined PFD issues and has concluded that "the most flotation possible is best." John Roumaniere, who conducted that investigation is adamant and convincing on the subject.

John Lambert noted that the C420 Association is insured under the US Sailing Chubb Program.

Discussion ensued about whether the Class should empower judges or race committees to protest competitors who did not comply with the bow line and USCG PFD rules. Consensus developed that enforcement may be too unpredictable and the better approach would be to focus on parents and coaches to impress upon them the importance of these safety rules.

John Lambert and John Morgan will work together to develop a safety plan for mid-winters in the hope that it may serve as a template for summer sailing. Morgan will follow up.

### **Regatta Updates, John Lambert**

2012 calendar is almost complete. John had tried to schedule Nationals in San Francisco Bay, but that proved impossible. Instead, they will likely be raced out of California Yacht Club in Los Angeles from July 13-16. North Americans are scheduled for July 21 in Falmouth, MA and Buckley is set. John will work with Jennifer Draheim on Gulf States. This year will be the second Canadian National Champs.

John Lambert will circulate a regatta schedule history and a concept plan for 2013. We need to look at incorporating CORK in 2013.

### **Executive Director, John Lambert**

The job description includes: scheduling regattas, representing the Class at regattas to ensure quality control, answer judges' questions, reinforce safety rules; spearhead initiatives on clinics; manage the website; oversee enrollment; distribute NORs, SIs and flags to host clubs. The Executive Director will be a part-time independent contractor at an expected cost of \$20,000 per year. Attention to detail is critical.

After discussion about recruitment efforts and methods, it was agreed that John Lambert would conduct a telephone interview with the most promising candidate to date. Those wishing to participate in the call should let John know.

### **Builders' Manual, John Lambert**

The manual is underway. John Lambert will circulate it. Board members are asked to provide input.

### **LP Fitting and Mast Testing, Ed Liberty**

On November 29, 2011, Class Measurer, Ed Liberty, and LP personnel conducted extensive testing to compare the performance of LP's proposed new fittings against the existing Dwyer fitting. Testing ran for about 10 hours and the results are summarized in the tables previously furnished to the Board.

The tests were performed using a standard LP hull on a dolly in a heated room. The same mast was used for every test; only the fittings were changed. In each test described below, the mast butt rested on the flange and the mast was measured into the same position relative to the centerboard bolt. Tests used various pin positions and levels of mainsheet and vang tension to replicate sailing conditions. Measurements were taken at the hounds, spreaders and gooseneck.

#### **Measurer's Conclusions:**

- 1) The Selden fitting allowed less bend than the Dwyer fitting. The difference ranged from 1 to 5 millimeters. With heavy tension, the Selden fitting permitted 5 mm less bend at the spreaders than the Dwyer fitting (48.75 vs 43.75, an 11% difference). At lighter tension, the Selden fitting allowed 1 mm less bend at the partners, spreaders and hounds.
- 2) Mast rake. Mast rake is not a variable because sailors tune their boats to obtain the degree of rake they desire.
- 3) Though findings are recorded, the mast rake appeared to bend less at the partners, spreaders and hounds
- 4) No evidence that the Selden fitting is a pin joint or could be used as one. The Dwyer casting starts to get shiny and compresses slightly where it bears its load in the mast step at back of tenon, so an older Dwyer fitting might also be somewhat rounded.
- 5) The differences in bend appear to be immaterial, but if there was any performance difference, the Selden fitting would be at a competitive disadvantage. Ed Liberty noted, however, that the tests tried only to duplicate rig tension. After each tests, rig

tension was reset by banging on the shrouds and mast, but it is hard to duplicate actual conditions and compare to the second or third decimal.

- 6) Given the 1-5 mm range, it is likely that other factors are more important to performance. Among them are: the design of mast step; whether the mast sits on the tenon or flange; the size of the bolt in the mast step slot; and whether the mast can be kicked forward or aft.

Testing was also performed with the mast on the tenon rather than the flange. Ed will complete his examination of that data, circulate it to the Board and provide the builders with the opportunity to discuss the testing and results with him before the next Board meeting.

### **Trademark, John Barbano**

In an effort to build bridges, The C420 Association offered to ISAF an assignment of our copyright of the old C420 logo. ISAF sought more and would not accept the assignment without an agreement that would have subjected the C420 Class to some ISAF oversight. We wish to remain independent of ISAF and will, therefore, simply abandon the old trademark. ISAF is free to use or ignore it, as they see fit. The C420 Association is in the process of trademarking our new logo.

### **Cindy Roesler, John Barbano**

John Barbano spoke at length of Cindy Roesler's immense help to the Class from 2006 to date. Mrs. Roesler has helped the class in countless ways, working tirelessly behind the scenes.

### **BY ACCLAMATION**

The Board of Directors of the Club 420 Association hereby recognize Cindy Roesler for her outstanding service to the Club 420 Association. She has been a constant in this class and has represented this class with the utmost dedication and grace. She will be missed. On behalf of all members of this class, thank you.

Meeting adjourned at 9:38 pm. EST on motion by John Lambert seconded by Kathleen Tell

Next Meeting: TBD