Promoting Electric Propulsion (PEP) for Small Craft

Competition Rules

The Course
The competition course will begin and end at the white buoy to the southwest of the boat launch at the USCG Yard. Each boat is tasked with completing 5 laps (<1 mile per lap) with turns defined by the buoy and the railroad bridge (see image below). This short track course will allow for maximum visibility by MACC attendees and safety of those competing. Participants must not approach within 100 yards of USCG docked assets.
**Safety**
Safety is our highest priority. Participants agree to obey safety instructions provided by competition organizers. Vessels that appear a hazard will not be permitted in the water. Vessels must comply with USCG safety regulations. PFDs must be worn by competitors when on the water and all vessels must carry a paddle or oar. While the MACC reception will be ongoing during the competition, competitors shall not consume alcoholic beverages prior to the competition. Inebriation is grounds for immediate disqualification.

Metal Shark has generously agreed to provide a chase boat for the competition. If you are in need of support, please signal the Metal Shark vessel.

**Qualifying Vessels**
Entry is open to any vessel, manned or unmanned, operating with an electric propulsion system. There is no minimum or maximum engine size or power output specified under these race rules. Vessels shall have appropriate fit and finish to appear sea worthy; no “Frankenstein” vessels. All vessels must comply with USCG safety regulations. Gasoline engines, recharging via an onboard generator, sails, and manual propulsion are prohibited during the competition. Competitors will not have a charging station available to them on site. All vessels must be equipped with sufficient battery storage to complete the race. Solar power and/or charging is permitted.

**Vessel Classes**
The competition will have wave start times, to be determined on-site based on the number of entries within the class. Classes include:
- Small Business (<50 employees)
- Large Business
- Student/Academia
- Individual

For safety, unmanned vehicle entries will compete separately from manned vehicles.

The winning entry in each class will receive a $2,000 technology mini-grant. Additional mini-grants will be awarded based on funds available.

**Participation in the Multi-Agency Craft Conference (MACC)**
Each participant is entitled to one complimentary registration for MACC. The competition will be held during the “beach social” portion of MACC on July 18, thus ensuring an audience for competitors. Competitors will be expected to launch their boats from the USCG Yard boat ramp late afternoon of July 18 as the MACC in-water demonstrations come to a close. Competitors are required to pull their boats from the water at the conclusion of the competition. Note, due to space constraints, anyone wishing to display their PEP vessel for the duration of MACC must separately purchase an in-water, static, or tent exhibit space. Charging facilities are not available at the waterfront.
**Release**

Captain: __________________________

Crew 1: __________________________

Crew 2: __________________________

Crew 3: __________________________

Crew 4: __________________________

Crew 5: __________________________

Address: __________________________

Phone: ____________________________

City: _____________________________

State/Zip: __________________________

The following must be signed to compete:

We hereby release the American Society of Naval Engineers (ASNE) and its board members, directors, officers, employees, or agents from any and all claims and damages, present and future, arising from or in any way associated with this contest. Additionally, each participant consents to being filmed, photographed and recorded during and in connection with the event and consents to the use or publication of such recordings in connection with any promotional, educational or professional purposes. Each participant releases ASNE and its board members, directors, officers, employees, or agents from any and all liability arising from the recordings or their uses, including for infringement of proprietary rights, invasion of privacy, defamation or any other cause of action, and waives any right to inspect or approve such recordings and any and all rights to payment of royalties in connection therewith. We have read, understand, and agree to all rules, regulations, and conditions set forth in this entry form and any other information related to this contest.

Captain Signature: ___________________________ Date: ______________

Parent/Guardian (if minor): __________________________ Date: ______________

Crew 1 Signature: ___________________________ Date: ______________

Parent/Guardian (if minor): __________________________ Date: ______________

Crew 2 Signature: ___________________________ Date: ______________

Parent/Guardian (if minor): __________________________ Date: ______________

Crew 3 Signature: ___________________________ Date: ______________

Parent/Guardian (if minor): __________________________ Date: ______________

Crew 4 Signature: ___________________________ Date: ______________

Parent/Guardian (if minor): __________________________ Date: ______________

Crew 5 Signature: ___________________________ Date: ______________

Parent/Guardian (if minor): __________________________ Date: ______________