

# United States Vintage Model Yacht Group

## Schooner Class Rules

### Radio Controlled Schooner Model Class Rating Rules for Competition Racing

#### ***Purposes:***

The United State Vintage Model Yacht Group (US VMYG) hereby establishes the ***Schooner Model Racing Class*** for the following purposes:

- To preserve the heritage of the schooner.
- To construct scale model representations of the schooners based on varied original designs.
- To guide the spirit of a model event to celebrate the history and enthusiasm for the schooner design.
- To race the models for public and personal entertainment in accordance with these rules.
- To demonstrate a level of individual craftsmanship in the construction of the models in accordance with these rules.
- To encourage as many individuals as possible to participate in US VMYG events.

#### ***Class Rating Rules:***

All model schooners participating in racing competition sponsored by US VMYG must comply with these class-rating rules. A small committee led by the class coordinator or his/her designated representative(s) will determine compliance with these rules at appropriate events. It is the responsibility of each skipper to prepare his boat in accordance with the Rules and Specifications referenced or included in this document. The intent of the US VMYG is to encourage participation and to simplify any certification or measurement processes as much as is consistent with fair racing.

It is reasonable to expect that the class rules or plans may evolve with time to improve clarity, correct unforeseen problems, or embrace advancing R/C technology. It is the intent of the class that any potential changes not disqualify existing boats.

#### ***Class Standards:***

The model shall be a owner/skipper built and a replica of a full size Schooner built before 1940. A schooner may also have been acquired from another person. Kit built schooners are also acceptable.

***Hull:*** Hull form shall not be modified from the original plan to improve sailing characteristics. The rudder may be enlarged (see ***Rudder:***).

***Keel:*** The keel measurements and configuration shall be:

- Either a fin keel replicating the plan of the original boats, or
- A fin and bulb keel designed to optimize the capability of the boat are acceptable.
- There is no depth restriction for the keel.
- As written, fins and bulbs are permitted with no restrictions on bulb depth. However, only one bulb per vessel is permitted and the model must float at its design waterline. The bulb must be removed for static display and displayed alongside the model.

**Radio Controls:** The R/C functions shall not be limited.

- The use of 2.4 GHz radio technology is encouraged.

**Rudder:** The rudder measurements and configuration shall be:

- Rudder shape shall conform to the original vessel, but the area may be increased to improve maneuverability. The general shape of the rudder should be retained.

**Mast:** The mast configuration must include at least two masts as a schooner is a sailing ship with two or more masts that typically has the foremast smaller than the mainmast.

**Sails:** Sails may be made out of modern fabrics to enhance the performance of the boat.

- Sail configuration must simulate a configuration used sometime during the life of the yacht.
- Sail numbers should be at least 3 inches in height. 3 ½ inch letters are preferred.

**Rigging:** Sails and rigging may be of modern materials but appearance must be considered.

- Any rig that has been used on the yacht through its life may be used.
- Sails and rigging shall be to scale and not out of proportion.
- Reefing is permitted.
- Additions such as boom vang and “preventers” for the sheets may be used for sailing.
- Other modifications from “static” to “sailing” will not be permitted.

**Displacement:** The displacement shall be based on the boat design.

**Auxiliary Power:** Yachts with auxiliary power shall render such power inoperable when racing.

**Awards (appearance):** Two awards may be given, one for craftsmanship and one for authenticity (static judging) at the national championship regatta. The boats assembled may qualify for one or both of these categories and one boat could win both awards. The selection of these awards will be by those participating in the event.

The Earl Boebert Craftsmanship Award – This is awarded to the builder/owner’s boat that is the most, well-crafted boat at the event. If the owner is not the builder the boat is ineligible for this award.

The Static Judging Award - Static judging shall be based on the authenticity, esthetics and detail of the model. If the owner is not the builder the boat is ineligible for this award.

- Builder may provide one page of information on the model to the skippers committee prior to the judging.
- The US VMYG looking for the best representation of schooner type regardless of size or era. The hull/rig built order of importance shall be scratch-built, partial scratch-built, kit built, then purchased model.
- The materials order of importance shall be strip-planked wood, sheet wood, solid wood, and all other materials. (We want boats that look authentic.)

**Authenticity (optional, but desirable, features):**

- For display and static judging a maximum 8 1/2 x 11” sheet may be used indicating the

history of the yacht and/or model with interesting or pertinent information.

***Enforcement of These Rules:*** In the event of protests or egregious departures from these Rules, necessarily simplified measurements will be made (enforced) by the compliance committee.

These include:

- The host club may conduct split fleet scoring based on the number of boats registered and their configuration.
- These rules are to guide the spirit of a model event to celebrate the history and enthusiasm for the schooner design.

### ***Parade of Sail***

This is a celebration of RC modeling and not a race. The order of start may be determined by RC...age of model, size of model, type of model, expected speed of model, region of design, etc.

The starting and finishing lines will be marked. The approximate course length will be determined by the RC...one or more laps. Individual models cross the start line in the direction of the first mark in segmented times. The Race Committee (RC) will note how much time the next model has to start.

The intention of this race is to showcase our models and have fun! Most old designs are not very maneuverable compared to modern designs so be particularly careful when getting close. Be courteous. Try to make your intentions clear and keep a safe distance between each other; repairing models takes time!

### NOTES:

1. Adapted from the San Diego Argonauts Boat Club RC Schooner Fleet Rules – as published in spring 1997 by US VMYG, *The Model Yacht*, Volume 1, Number 1.