

Delmy Apr 15/1903

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SPECIFICATIONS

All hatch coverings, hatches and skylights to be of butternut.

For a Racing Sloop Yacht for the Defence of the America's Cup in 1903.

bottom of the keel, properly secured to the same and sheathed

Being No. 605 on the list of the Herreshoff Mfg Co.

Length on water line ----- about 89 1/2 ft. (not to exceed 90 ft.)

spars of best quality obtainable, Oregon pine, topmast to be

Keel, stem and stern post to be of cast bronze.

Lower part of floor plate, which would be in bilge water, of Tobin bronze.

All standing rigging of best quality galvanized plow steel

Frame, including deck beams and stringers to be of nickle wire rope.

steel, in which angles will be of the bulb form as far as practicable.

and plow steel wire rope.

Deck stringer plates, deck plating, gunwhale angles and all steel work exposed above deck will be galvanized.

Outside plating of hull to be of Tobin bronze, smoothly rolled and hard rolled to give it great tensile strength and stiffness.

necessary spars, stays, blocks and running rigging to properly

Plan of construction will be same as in Constitution, longitudinal framing with web cross frame.

Deck to be covered with cork sheathing, cemented down.

#2 jib topsail, #3 jib topsail, #4 jib topsail, balloon staysail,

balloon jib topsail, #3 spinnaker, #2 spinnaker and trysail.

All hatch coamings, hatches and skylights to be of butternut.

Ballast to be of lead, nearly all of which is to be on the bottom of the keel, properly secured to the same and sheathed smoothly with yellow metal sheathing.

Mast, boom and gaff to be built of nickle steel. The other spars of best quality obtainable, Oregon pine, topmast to be hollow, and club-topsail spars to be built up, if the designer decides that they can be made stiffer and lighter by so doing.

All standing rigging of best quality galvanized plow steel wire rope.

Running rigging of best quality, specially made Manila rope and flexible plow steel wire rope.

Blocks to be of special make with nickle steel straps and with aluminum or brass sheaves. All blocks to be tested to a load greater than the estimated maximum load when in use.

Yacht to have a full modern sloop or cutter rig with all necessary spars, stays, blocks and running rigging to properly set and work the following sails, viz:- Mainsail, #1 forestaysail, #2 forestaysail, #1 Jib, #2 Jib, working or jib headed topsail, #1 club topsail, #2 club topsail, #3 club topsail, #1 jib topsail, #2 jib topsail, #3 jib topsail, #4 jib topsail, balloon staysail, balloon jib topsail, #1 spinnaker, #2 spinnaker and trysail.

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On the starboard side will be fitted a side gangway stanchion. There is to be a good and efficient capstan for working the

There will also be a gangway ladder and 2 Jacob's ladders, cables etc., a winch on the boom for the topsail sheet. Capstan

All necessary checks, cleats and leadlines, and deck fittings for main sheet, 2 for jib topsail sheets, 2 for staysail sheets, generally to be of brass, 1 for topmast back stays, 2 below deck for masthead preventer.

Steering gear to be of Columbia pattern. Fitted with foot Equipment to include 2 steel anchors of about 400 lb.

brake and 3 mahogany wheels.

1 3/4" chain cable, 75 fathoms.

Yacht to be fitted with a Bliss compensating binnacle with 1 steel kedge anchor, of about 120 lbs.

aluminum metal work, same to have the best spirit or oil compass. 1 5" hawser, 75 fathoms long.

There will be a second compass with brass size card ready to be set 1 4" hawser, 75 fathoms long.

by compass adjusters in whatever location found best. 1 2 1/2" warp, 75 fathoms long.

Running lights and anchor light. Also 2 gangway lanterns with 3 mooring lines, 2 of 5", 15 fathoms, and 1 of 4" 20 fathoms.

be of brass of best make and standard size.

1 canvas awning to extend from forestay to mast.

A good and efficient bilge pump will be fitted in a permanent 1 canvas awning to extend from mast to taffrail.

gunnery with a discharge below the water line and on deck. Deck wash outfit for 12 men.

Interior arrangements will be as simple and light as 2 oil cups.

possible, but will include well rooms properly fitted for the Wrenches and spanners to fit various nuts and screws.

stowage of sails.

2- 14 ft. life boats fitted to be carried on deck.

lockers, sailmakers' lockers, 4 water closets, 1 for officers, 4 dozen life preservers.

2 for crew's use and 1 in lavatory for guests' use. Retiring room 2 dozen galvanized iron buckets.

for guests with transom and cushions. 15 pipe berths with bottom 1 davit for anchors.

mattress, pillows and blankets. Hooks to hang pipe berth on, Sail covers, for mainsail, and 2 club topsails.

24 hammocks and backs for same.

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On the star-board side will be fitted a side gangway steps.

There will also be a gangway ladder and 2 Jacob's ladders.

All necessary chocks, cleats and leaders, and deck fittings generally to be of bronze.

Steering gear to be of Columbia pattern, fitted with foot brake and 2 mahogany wheels.

Yacht to be fitted with a Bliss compensating binnacle with aluminum metal work, same to have the best spirit or oil compass. There will be a second compass with same size card ready to be set by compass adjusters in whatever location found best.

Running lights and anchor lights, also 2 gangway lanterns will be of brass of best make and standard size.

A good and efficient bilge pump will be fitted in a permanent manner with a discharge below the water line and on deck.

Interior arrangements will be as simple and light as possible, but will include sail rooms properly fitted for the stowage of sails.

Lockers, sailmakers' lockers, 4 water closets, 1 for officers, 2 for crew's use and 1 in lavatory for guests' use. Retiring room for guests with transom and cushions. 15 pipe berths with bottom mattress, pillows and blankets. Hooks to hang pipe berth on, 24 hammocks and hooks for same.

Lower deck or floor will be of matched spruce and inside
woodwork will be of white pine or cedar painted white and used as
sparingly as possible.

The following duplicate parts to be furnished:-

1 topmast (hollow), 1 steel mast, 1 steel boom, 1 steel gaff.

1 bowsprit.

1 main sheet and 1 peak halliard.

1 peak halliard spare block.

1 topsail halliard, masthead sheave and pin.

1 topsail halliard whip block.

1 topsail sheet block foreclew of sail.

1 runner block, sheave and pin.

1 half dozen boom slides.

2 dozen jib topsail snap hooks.

1 half dozen staysail snap hooks.