

NAME: Nanoq
MODEL: Farr 40 OD Hull # 124
TYPE: Racer
DESIGNER: Farr Yacht Design, Ltd.

DESIGN #: 374
BUILDER: US Watercraft
YEAR BUILT: 2007

LOA: 40' 9"
BEAM: 13' 3"
DISPL: 10,902 lbs.
RIG: Sloop - fractional
KEEL: Cast iron fin - lead bulb
HULL COLOR: Gray
WATER: 21 gallon bladder
BOTTOM PAINT: Epoxy

LWL: 35' 3"
DRAFT: 8' 6"
BALLAST: 4,960 lbs.
ENGINE: Yanmar 3GMSD30 saildrv
PROPELLER: 2 bladed folding
STEERING: Tiller
FUEL: 20 gallon aluminum tank
PREVIOUS NAMES: None

CONSTRUCTION DETAILS:

Construction is detailed in foam core with glass-reinforced skins. The rudder has a carbon stock. Internal moldings combine with bulkheads and composite frames to provide a sturdy and serviceable interior. Prototype work enabled the builder and the designer to control weights and develop a strict one-design set of limits and tolerances based on lessons from the MUMM 36, COREL 45 and MUMM 30 one-design rules.

INTERIOR LAYOUT:

Interior layout was kept clean and simple while still providing the basic elements for long distance work. A full private head forward, saloon with galley, and centrally located navigation station aft make the boat ocean racing ready. The cabin was sized in excess of minimum IMS requirements to give the boat a spacious feeling for those who would choose to do limited cruising and to provide a reasonable area for after race gatherings that includes 4 lower tilting berths with cushions and a sit down navigation station on centerline.

Port & starboard main saloon settees
Forepeak is open for sail storage
Marine head with holding tank and Y-valve
Nav station under the cockpit sole
Wash basin is forward of bulkhead
4 lower tilting berths with cushions

GALLEY:

Racing galley
2 burner sea swing butane stove
Sink with pressure water
Storage lockers

ELECTRICAL:

Engine hour meter
2 x 12 volt 105 amp hour batteries
80 amp alternator on engine
Main battery switch

12 volt DC distribution panel with appropriate circuit breakers
ORC approved running lights
Red and white dome lights for general illumination
Halogen reading lights

ELECTRONICS/NAVIGATION:

Suunto steering compass
5 B&G 20/20 mast displays on a carbon mast bracket
2 B&G cockpit mounted FFD displays
Carbon wand extension for masthead wind instruments
Acer laptop, Panasonic CF-VDW07 touch screen.
Deckman Tactical software.
Navigation table inverter for laptop power
Garmin GPS 276 C
West Marine handheld VHF submersible
HX 600S Horizon handheld VHF
Speed & depth transducer pack
12 V plug at nav station

DECK GEAR:

Harken blocks
Harken tracks for traveler and jib cars.
Spinlock jammers

WINCHES:

Lewmar racing winches
2 - Lewmar 3-Speed (primaries)
2 - Lewmar 2-Speed self-tailing (mainsheet)
2 - Lewmar 2-Speed self-tailing (pit)
Misc. winch handles

STEERING SYSTEM:

Tiller steering
Carbon fiber rudder stock
Upper and lower self aligning spherical bearings

RIG/RIGGING:

Simple, no running backstays rig
Carbon fiber mast with 2 sets of carbon fiber swept spreaders
Black anodized aluminum boom
3 - Carbon fiber spinnaker poles (2 new and 1 old)
Discontinuous rod rigging
New Harken carbo head foil
Hydraulic quick release Kevlar cable backstay
Carbon backstay pump handle extensions
Harken spinnaker pole track
Hydraulic mast jack and bar, with digital display
Spring loaded vang

Rig Dimensions:

I: 16.2m J: 4.705m P: 16.7m

E: 5.9m ISP: 18.4m SPL: 5.2m

Running Rigging:

2:1 main halyard

Mainsheet

Cunningham

Traveler Controls

Genoa sheets

Jib lead adjusters

Genoa sheet in-haulers

1 masthead spinnaker halyard

2 fractional halyards

Outhaul

Spinnaker sheets

Foreguy

Spinnaker sheet twing lines

Other Features

Adjustable steel shipping cradle

Keel cradle

Mast cradle

SAILS: All North Sails

Mainsails

NWC-08-02

NWC-09-01

NWC-10-01 Only used at the worlds 2013

Light Jibs

Light-08-01

LC-09-01

LC-10-01 Only used at the worlds 2013

Medium Jibs

MC-08-01

MC-09-01

MC-09-02

MC-10-01 Only used at the worlds 2013

Heavy Jibs

HC-08-01

HC-09-01

HC-09-02

HC-10-01 Only used at the worlds 2013

#4

4-08-01

Spinnakers light

MH-S1-1-07

MH-S1-2-08

MH-S1-1-09

Spinnakers medium

MH-S1,5 02-08

MH-S1,5-1-09

MH 1,5- 1- 13 Only used at the worlds 2013

Spinnakers heavy

MH-S2-04-07

MH-S2-1-09

MH- S2-1-13 Only used at the worlds 2013

FR-S4-01-04 Fractional 0,75 oz spinnaker

SPARES & SAFETY GEAR:

Category 4 offshore safety equipment

Endo scope

Trailer 22' Cargo trailer 2006.

Receiver tow bar with stabilizer bars, 25/16 ball.

110/220 transformer

Honda EB 3000 C 110v generator

Working lights 110v 500w

Battery charger 100 v 75 amp

Fold it dock cart

Scuba dive tank with hookah, wet suit, fins, mask.

Misc extension cords

Lifting straps

Ratchet straps

Socket set for keel bolts

Socket set metric/ imperial

Spare battens

Misc paint

Boat building box

Hand tools; screw drivers, spanners, tap set, pliers etc.

Mast tool

Lubricants

Tape and non skid

Sandpaper wet and dry

Misc chemicals

Grinder 110 v

Buffer 110 v

Battery drill

Backstay ram short stud, Navtec

Templates keel to class rules

Spare deck hardware clam cleats, blocks, etc

110 v dehumidifier

220 v dehumidifier

Drill bits
Dremel
Heat gun 110 v
Spare pulpit
Spare pushpit
Spare stanchions
Polish
Misc shackles
Spare balls for Harken Travelers
Impeller
Splicing gear
4 fenders
Docklines
Misc running rig
Rudder cover
Deck cover
Cockpit cover
Dock box
4 Jerry cans diesel, 5 gal.
Step ladder
Ladder
Buckets, soap, etc.

MISCELLANEOUS:

The Farr 40 One Design was conceived as a high performance 40 footer that would gather the benefits of modern materials into an economic platform for short course racing that was demanding, exciting and not beyond the capabilities of relatively inexperienced crew members. The boat also had to be capable of competing in the offshore classes and be a competitive IMS performer to give the purchaser a wide range of events in which to compete and to carry through times before class fleets were established. The design of the boat and the formation of Class Rules and Constitution proceeded in parallel allowing input from the operator and builder side of the equation. The Owner/Driver class rule was an influencing factor in the conceptual phase of the design, encouraging us towards easy to tune, simple arrangements that would not take time and energy from the primary activity of sailboat racing.

CONTACT: Stagg Yachts, Inc.
LOCATION: Portsmouth, RI, USA

PRICE: \$195,000