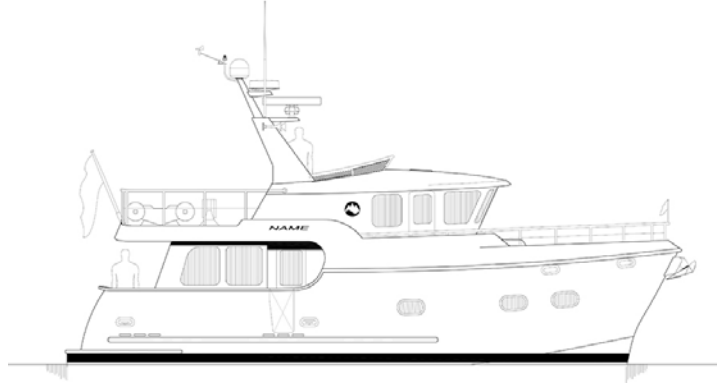




Northwest 42 Semi Displacement Hull

Designer: Stephen R Seaton



Northwest trawlers and expedition yachts are designed to put you in charge of your journey. The Northwest 42 is a state-of-the-art vessel designed and engineered for the coastal and near shore cruising in waters anywhere. With cutting edge construction methods, an extensive list of standard features, these modern trawlers provide the serious cruiser with a self-sufficient and comfortable cruising lifestyle. If you're ready to alter course and find some adventure, please feel free to call for more information.

Specifications

Dimensions

LOA	.....	42' 2"
LWL	.....	38' 3"
Beam	.....	14' 6"
Draft	.....	3' 11"
Displacement	.....	36,625
Bridge Clearance (arch up)	.....	22' 0"
Bridge Clearance (arch lowered)	.....	15' 3"

Propulsion (additional twin engine option available):

Make:	Cummins	Model:	QSB5.9
Horsepower:	330hp	Cruise Speed:	7 – 10 knots
Max Speed:	12 knots	Est. Max Range(@ 7kts):	1500nm

Tankage

Fuel:	480 US Gal	Water:	200 US Gal
Black Water:	65 US Gal	Gray Water:	35 US Gal

Hull and Superstructure

- Hull and deck of vacuum bagged composite construction, solid FRP below waterline
- Hull color - Ferro gelcoat, white
- Superstructure - Ferro gelcoat, white
- Scuppers on aft, starboard side, foredeck to common drain lines
- Watertight bulkheads (3)
- Floors, decks and major bulkheads are composite construction and laminated to hull
- Four (4) layers of vinyl ester resins used in construction to minimize chance of blisters
- Black anti-fouling paint
- Painted boot stripe
- Cap rails of composite material and finished in choice of colors
- Rub rails - integral to hull with solid stainless half round strakes (2)
- Overhead LED deck lighting (24VDC) on exterior walk and outside pilothouse
- Exterior doors - Diamond Seaglaze (or equivalent), white with matching locks
- Equipment manuals include wiring and piping diagrams
- All opening portlights to be stainless with screens Manship or equivalent

Aft Cockpit, Side Deck, and Swim Step

- Hinged lazarette hatch with gas shock
- Transom gate with hinge and latch assemblies
- Aft cockpit cabinet with solid surface counter top, stainless sink, extendable hot & cold sprayer, and 110 volt GFI duplex outlet
- Aft saloon door to cockpit of Diamond Seaglaze (or equivalent)
- Mooring cleat on port side of transom bustle
- Water fill
- 30 amp shore power receptacle
- Hot/Cold Shower at swim step

Boat Deck, Flybridge and Foredeck

- Flybridge helm station with steering and engine controls
- Helm Seat
- Molded anchor shelf for stainless steel frame and bow roller
- Freshwater wash down on foredeck
- Opening deck hatch over forward stateroom berth - Lewmar Ocean Series 60 or equivalent
- Maxwell RC8 vertical windlass with up/down switch at bow and pilothouse
- Foredeck storage locker
- Deck rails of stainless steel

- Brower ECO600 davit
- Radar arch - FRP
- Dual chrome trumpet air horn
- Aqua Signal series 45 International navigation lights
- Molded non-skid surfaced decks in all walking area
- NWY emblem of stainless with accent color background mounted on salon walls aft P&S
- NW42 emblems mounted on flybridge coaming P&S
- Hawes holes and cleats of stainless steel (4) bow, (2) amidships P&S and (2) aft
- Stainless steel capped rub rails of 1" stainless steel solid half rounds
- Bow and stern flag staffs
- Breast plate of 2" solid rubber half rounds at bow

Engine Room & Lazarette

- Cummins QSB5.9 (230hp) electronic engine with 12V 140 amp alternator
- ZF 63A transmission 2.68:1 ratio
- Generator - 5 KW Northern Lights or equivalent with sound shield
- Drip pan under engine
- Engine room exhaust fan
- Engine room sound dampening of 3" on bulkheads, hull sides, and overhead
- Perforated aluminum covering
- Stainless steel safety rail around engine
- 12VDC overhead lighting
- Aqua Lift style muffler with bypass and underwater exhaust, insulated blanket in dry portion of system
- Sea chest manifold
- 110VAC GFI outlet
- Lift muffler for generator
- Flooring pads in work areas
- Engine room fire suppression system

Running Gear and Control Systems

- Hydraulic steering system Teleflex or equivalent
- Mechanical or hydraulic engine/transmission controls
- Bow Thruster – Sidepower SE100, 12VDC or equivalent
- Articulating rudder of stainless steel
- ZF prop shaft
- PYI dripless shaft seal
- 4-bladed class 1 prop

- Shaft zinc and bonded transom underbody zincs

Mechanical and Plumbing Equipment

- Fuel tankage of aluminum saddle tanks with baffles and inspection plates (480 gal)
- Parker fuel lines
- Sight gauges for all tanks remotely mounted for ease of reading while doing engine room checks
- Dual Racor 75/900 Fuel filter system with pressure gauge
- Dual fills on starboard side
- Tank vents located high above main deck
- Two (2) water tanks of FRP, 100 gallons ea for a total of 200 gallons.
- Hot water tank - 20 gallon capacity (110v and/or engine heated)
- Deck fill and vents
- Kitec plumbing hose with bronze fittings
- Headhunter 10 gpm, 12vdc pressure fresh water system with accumulator tank
- Shoreside fresh water connection
- Dump chest and bronze thru hull fittings with bronze seacocks
- Bilge pumps - (3) of 2000 gph capacity Rule 2000 or equivalent
- All hoses double clamped below waterline
- Sanitary plumbing constructed of ABS Trident sanitary hose
- Macerator pump/discharge pump with separate deck discharge fitting

Electrical Equipment

- Northern Lights 5 KW 120/240VAC generator or equivalent
- Electrical System of 120VAC and 12VDC
- House battery system of (2) 255 ah 8D AGM batteries, Lifeline or equivalent
- Main engine start battery system of (1) 210 ah 4D AGM battery, Lifeline or equivalent
- Thruster/Windlass battery system of (1) 255 ah 8D AGM battery, Lifeline or equivalent
- Generator start battery of (1) 110 ah Group 31 AGM battery, Lifeline or equivalent
- Battery charger of 10 amp output for thruster/windlass battery bank
- AC and DC backlit electrical panels of Blue Seas or equivalent
- Wiring to be copper tinned, color coded and labeled at both ends
- Newmar auto-charge relays
- Shore power cord - 30 amp, 50 feet in length

Electronics and Entertainment Equipment

- Owner specified, pre-wiring may be done at factory

Pilothouse

- Stainless "Destroyer" style steering wheel - 30"
- Windshield wipers with integrated washer on all three forward facing windows
- AC/DC electrical panels on either side of steering station
- Overhead halogen lights w/ red lights above dash w/ dimmer
- Overhead panel for electronics installation, wood faced
- Settee with table
- Remote start/stop switch for main engine and generator
- Pilothouse windows to be tempered and/or safety glass with black fret border
- Reading lights behind settee
- (2) 110VAC duplex electrical outlets
- 12VDC convenience outlet on dash for charging cell phones, etc.
- Helm chair - ultra leather with adjustable height pedestal, Llebroc or equivalent
- Dash panel of black solid surface material with glare screen wrapped in black vinyl
- (2) sliding windows on aft bulkhead
- Flooring – teak and holly

Saloon

- Built-in L-shaped settee to port with storage under
- Yacht table - hardwood with select veneers for top, fixed height
- (3) 110VAC duplex electrical outlets
- Wall mounted sconce style lights of 110VAC
- Saloon windows tinted with hardwood trim rings and rounded corners
- Overhead valance with room to accommodate shades
- Bamboo style drop shades
- Owner supplied furniture for space on starboard side
- Flooring - carpet with carpet pad under

Galley

- Solid surface countertops with backsplash, Corian or equivalent
- Electric cooktop – 3 element
- Sharp or equivalent microwave/convection oven with hood, light and exhaust fan (black)
- Exhaust fan to vent overboard
- Stainless steel sink with large single basin

- Designer sink fixture with removable spray head
- Refrigerator/freezer - Norcold 7 cu.ft.
- Drawers and cabinets
- Overhead cabinets between salon and galley
- (3) 110VAC duplex outlets, GFI
- Y valve for overboard discharge of galley sink gray water
- Flooring – Teak and holly

Master Stateroom

- Double berth with 8" spring mattress and drawer storage below
- Portlights (4)
- Cedar lined hanging locker with automatic lighting
- Headboard with designer appointments including mirror and wood trim
- Wall treatments with foam backing
- (2) bulkhead mounted reading lamps
- (3) 110VAC duplex outlets
- Flooring - Carpeting with pad under

Head

- Solid surface counter top of Corian or equivalent with Corian under mount sink
- Portlight
- Toilet – Raritan Atlantis or equivalent
- FRP shower stall with saloon style glass doors
- Designer fixtures for sink and shower (removable wand type shower head)
- (1) 110VAC duplex electrical outlet, GFI
- Mirrors, (1) large mounted over toilet and (1) shaving mirror adjacent to sink
- Exhaust fan – 110VAC
- Towel and toilet paper holders
- Flooring - Amtico or equivalent

Guest Stateroom

- Over/under berths with 8" spring mattresses
- Portlight (1)
- Cedar lined hanging locker with automatic lighting
- (2) bulkhead mounted reading lamps
- (3) 110VAC duplex outlets
- Flooring - Carpeting with pad under

General Interior Finishes

- Hand selected hardwood and veneers
- Soft wall coverings, foam backed
- Hardwood raised panel interior passage doors with blended arched tops
- Locking latches on interior cabinetry - push/pull positive Southco or equivalent
- Interior cabinetry drawers with side mount, full extension, ball bearing drawer guides
- Interior cabinetry doors use fully adjustable Euro style hinges
- Cabinets to have pre-finished maple interiors for easy cleaning and furniture grade quality
- Interior hand rails (stainless steel or hardwood) on stairways
- Hand rails (hardwood) on overhead in salon, overhead in pilothouse, overhead in master
- Hand rails (hardwood) on either side of steering station integral to counter trim
- Overhead lights of Halogen or LED
- All headliners of acoustic soft, foam backed vinyl in eggshell or white panels
- Dimmer switches in saloon, galley, pilothouse and master stateroom
- Windows tinted (exception, 3 forward facing pilothouse windows)
- Window treatments - designer blinds in salon and galley
- Storage areas with carpet lined bottoms and sides

-- End of Specifications --

These preliminary specifications have been prepared to cover equipment and materials as accurately as possible. Specifications are continually under review and subject to change without notice.

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