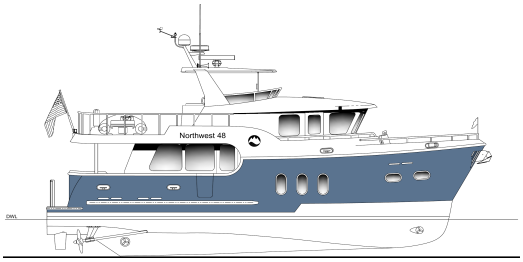
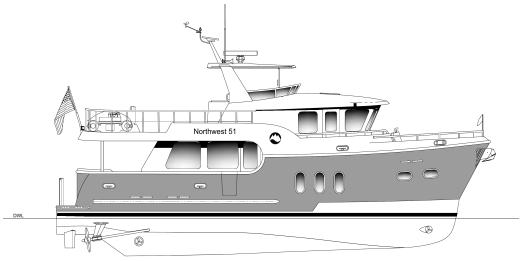
Northwest 48 / 51 — Specifications

Seattle Yachts · Model Year 2028 · November 2026

The Northwest 48 and Northwest 51 are twin-engine, semi-displacement pilothouse trawlers designed to cruise efficiently at 8–10 knots, with more speed on hand when weather or schedule calls for it. The NW51 is a 3 ft extension of the NW48, built from shared tooling, with the same two-stateroom, two-head layout. Every item below applies to both models unless a value is given for each. Boats are built to order.

1. Principal Particulars





Particular	Northwest 48	Northwest 51
Length overall	48.67 ft (14.83 m)	51.8 ft (15.79 m)
Length at waterline	44.5 ft (13.56 m)	47.7 ft (14.54 m)
Beam	16.17 ft (4.93 m)	16.17 ft (4.93 m)
Draft (full load)	5.0 ft (1.52 m)	5.0 ft (1.52 m)
Displacement, light ship (estimated)	47,000 lb (21,319 kg)	49,500 lb (22,453 kg)
Fuel	1,000 US gal (3,785 L)	1,000 US gal (3,785 L)
Fresh water	300 US gal (1,136 L)	300 US gal (1,136 L)
Black water	100 US gal (379 L)	100 US gal (379 L)
Gray water	55 US gal (208 L)	55 US gal (208 L)
Main engines	Twin Cummins QSB6.7, 480 mhp each	Twin Cummins QSB6.7, 480 mhp each
Generator	Northern Lights 16 kW	Northern Lights 16 kW
Accommodation	2 staterooms, 2 heads; convertible pilothouse berth	Same as NW48

2. Design and Standards

Item	Specification
Design	Seattle Northwest Yachts design. Naval architecture and structural engineering by BAZ Design
Construction standard	Scantlings to ISO 12215. All systems to current ABYC standards. USCG hull identification number and required labels
CE certification	Available as an option: EU Recreational Craft Directive, Design Category A (or B)
Electrical standard	120/240 VAC 60 Hz, North American practice; 24 VDC system
Sound	Designed to be as quiet as practical, with a target of about 60 dBA at the pilothouse helm when running at 10 knots, measured on sea trial to ISO 2923 (half load, calm water, generator running)
Performance	Designed to cruise efficiently at 8–10 knots. Speed and fuel burn are recorded across the rpm range on every boat's sea trial (Section 11)

3. Hull, Deck and Superstructure

Item	Specification
Hull and deck laminate	Resin-infused (vacuum infusion) composite to the BAZ Design laminate schedule; solid laminate below the waterline
Blister protection	Four skin layers in vinyl ester resin, then three coats of epoxy barrier coat (Interprotect 2000E or equal)
Structure	Composite floors, stringers, decks and major bulkheads, laminated to the hull
Watertight bulkheads	Three (3). Every wire, cable, pipe and hose passes through a watertight, fire-rated fitting (multi-cable transits or watertight glands, with 25% spare capacity for future cables)
Hull reinforcement	Reinforced for stabilizer fins, thruster tunnels and interceptors to the equipment makers' load data
Gelcoat	Ferro gelcoat, white, on hull and superstructure
Antifouling and boot stripe	Two coats antifouling, black; painted boot stripe
Breast plate	Signature Northwest bow protection: breast plate of 2 in. (50 mm) solid 316 stainless steel half-round bars, polished, through-bolted with backing plates and faired into the rub-rail strakes
Logo	Northwest Yachts logo, laser-cut from 316 stainless steel plate and electropolished, on the port and starboard superstructure sides; mounted on hidden studs with no visible fasteners
Rub rails	Integral to the hull, with two (2) solid stainless steel half-round strakes
Non-skid	Molded non-skid on all walking surfaces
Deck drainage	Scuppers aft, along the starboard side and on the foredeck; six (6) oval freeing ports at side-deck level (four starboard, two port) with stainless grilles or flaps
Cap rails	Composite
Deck rails	1.5 in. 316 stainless steel rails on 1 in. stanchions on the boat deck and foredeck; stainless rails around the Portuguese bridge
Flybridge	Over the pilothouse, with steering and engine controls; hardtop; wraparound safety-glass windscreen in a powder-coated aluminum or 316 stainless frame
Radar arch	FRP, with conduits and antenna mounting provisions
Portuguese bridge	Storage locker, 120 VAC GFCI outlet, molded center seat with cushion
Foredeck	Molded anchor shelf with dam for the stainless bow-roller frame
Exterior doors	Four (4) single-handle quick-acting weathertight doors, operable from both sides: port and starboard pilothouse wing doors, saloon starboard side door, and saloon aft door to the cockpit. Laminated safety-glass windows matched to the adjacent superstructure windows. Keyed locks on the saloon doors. Saloon aft door clear opening of at least 28 in. (710 mm). Hold-back catches on every door. Raised sills on all exterior doors to keep boarding water out
Transom gates	Two (2)
Swim platform	Integral FRP swim platform with molded non-skid. Five (5) removable staples of 1½ in. (38 mm) polished 316 stainless tube, each seated in flush locking sockets, with two (2) extra sockets to stow a removed staple. Fold-down stainless boarding ladder recessed flush into the swim step, deployable from the water. Hot and cold freshwater transom shower in a recessed locker
Lazarette	Lift hatch in the cockpit sole raised by electric linear actuators, with manual override and safety stop, gasketed and guttered, giving access to the lazarette and the engine-room door
Starboard exterior stair	Lifts on an electric linear actuator to open a drained, lit storage compartment beneath; locks down positively when closed
Overhead hatches	Lewmar Ocean Series size 60 over the master berth, and an opening hatch in the pilothouse roof; both with Oceanair Skyscreen combined shade and insect screen
Portlights	Opening stainless steel portlights with screens, Manship or equal
Window glazing	All laminated safety glass sized to ISO 12216, with black frit border. Pilothouse forward: 12 mm (6+6) clear. Pilothouse sides: 10 mm (5+5) clear. Saloon: 10 mm (5+5), 70% visible light transmission

Item	Specification
Exterior lighting	24 VDC LED overhead lighting on the side decks and outside the pilothouse; IP67 LED step lights on every exterior stair and step

4. Propulsion, Machinery and Fuel

Item	Specification
Main engines	Both models: twin Cummins QSB6.7, 480 mhp (353 kW) at 3,300 rpm. High Output recreational rating; EPA Tier 3 / IMO II
Exhaust elbows	316 stainless steel exhaust elbows (HDI Marine) in place of the factory elbows, with insulation blankets
Transmissions	ZF marine gears, 2.5:1 reduction, with trolling valve for slow-speed control
Propellers	Four-blade nibral, sized to the designer's speed–power prediction for each model
Shafts and bearings	Aquamet 22 (or equal duplex stainless) shafts; bronze struts; water-lubricated cutless bearings
Shaft seals	Dripless (Tides Marine SureSeal or PSS), with a spare seal on each shaft
Couplings	Flexible thrust couplings (Aquadrive or R&D) to reduce vibration
Line cutters	Spurs or equal, both shafts
Engine mounts	Soft isolation mounts as recommended by Cummins
Main engine exhaust	Waterlift mufflers with bypass, underwater exhaust
Generator	Northern Lights M844DW3G, 16 kW at 1,800 rpm, 120/240 V 60 Hz single phase, with sound shield; waterlift muffler with water separator
Raw-water supply	Each main engine on its own thru-hull and bronze seacock with Groco strainer, with a three-way diverter valve for emergency bilge suction (Section 7). Generator, air conditioning, washdown and stabilizer cooler fed from an FRP sea chest with a single large intake, a labeled valve for each outlet, two spare outlets, an inspection lid and a posted schematic
Oil change	Reverso oil-change system, five valves (both mains, generator, both gears)
Drip pans	Under each engine and the generator
Engine room ventilation	24 VDC supply and exhaust fans (Delta T or equal), balanced to keep the engine room at slight positive pressure so the engines never starve for combustion air or draw air from the accommodation; engine-room bulkheads and penetrations sealed; fans shut down automatically on fire-suppression discharge
Fire suppression	Automatic clean-agent system (Fireboy-Xintex or Sea-Fire), with automatic shutdown of engines, generator and fans and manual release at the helm
Sound insulation	Composite acoustic insulation (foam / mass-loaded vinyl / foam, 3 in. minimum, perforated aluminum facing) on 100% of engine-room surfaces and hatches. Floating floors on resilient isolators in the pilothouse and saloon over the engine room; acoustic silencers on engine-room air ducts; exhaust hung on rubber isolators
Engine room fit-out	Stainless safety rail around engines; workbench with vise and tool storage; coin-pattern oil- and fuel-resistant rubber flooring; LED lighting; 120 VAC GFCI outlet
Engine-room door	Watertight door in the aft engine-room bulkhead, reached from the cockpit lift hatch, with quick-acting dogs, laminated-glass viewing port and insulation to match
Engine room cameras	Three (3) fixed IP cameras (Garmin GC 200 or equal) covering both engines, gears, shaft seals and the generator, viewable on the Victron touch display and on the helm displays when the electronics package is fitted
Fuel tanks	Two (2) 500 US gal FRP tanks in fire-retardant resin, baffled, with inspection plates, built and tested to ABYC H-33 / ISO 21487
Fuel manifold	Supply and return manifold to draw from and return to either tank, with electric transfer pump. Every valve engraved with its function and normal position; laminated fuel-system schematic mounted beside the manifold

Item	Specification
Fuel filters	Dual switchable Racor 75/900 series filters per main engine, with vacuum gauges; Racor 500 series on the generator
Fuel hose	Parker "Blue" fuel hose, USCG Type A1
Fuel gauges	Sight gauges on all tanks, plus electronic tank senders to the NMEA 2000 network
Fuel fills and vents	Dual fills, starboard side; vents high above the main deck

5. Stabilization, Thrusters, Trim and Steering

Item	Specification
Stabilizers	Wesmar hydraulic fin stabilizers with DSP4801 digital control (roll and heave), fins sized by Wesmar for each model
Hydraulic power	Engine-driven pump on each main engine, so either engine can run the stabilizers; reservoir, oil cooler, filters, and high-temperature and low-level alarms
Bow thruster	Sleipner (Side-Power) SE series 24 VDC, on/off control at both helms, sized by Sleipner for each model; dedicated battery bank
Trim control	Zipwake Series E interceptors, 24 VDC, with control panel at each helm. Holds the bow down through the 11–14 knot range so the boat gets onto plane cleanly, with automatic trim and list correction at all speeds
Steering	Hydraulic steering with electric power assist and autopilot-ready pump (Dometic SeaStar Optimus EPS or equal); custom 30 in. wood wheel at the pilothouse; emergency tiller
Rudders	Designer's twin rudders, with stainless rudder stocks
Engine controls	ZF SmartCommand electronic engine and shift controls at the pilothouse and flybridge, with station transfer, synchronizer and trolling-valve control
Thruster controls	At the pilothouse and flybridge helms (and at the aft docking station, if fitted)

6. Electrical Systems

Item	Specification
DC system	24 VDC throughout, to ABYC E-11. Tinned, color-coded marine cable, every circuit labeled at both ends
Wire routing	AC, DC and network cables run in separate looms, supported at least every 18 in. with chafe protection; no wiring or connections below the bilge high-water level
Inverter-chargers	Two (2) Victron MultiPlus-II 24/5000/120 (5,000 VA each), split phase, so both 120 V and 240 V loads run on inverter
House batteries	Eight (8) AGM 8D, 255 Ah each: 1,020 Ah at 24 V (about 24.5 kWh nominal). Lithium house system available as an option
Start batteries	Engines: four (4) AGM Group 31 (24 V). Generator: two (2) AGM Group 27
Thruster battery bank	Dedicated 24 V AGM bank near the bow thruster, charged by Victron DC-DC charger
Alternators	Cummins alternator for engine start on each engine, plus a 24 V high-output alternator with external smart regulator (Wakespeed WS500 or Balmar) on each engine for the house bank
Battery monitoring	Victron Cerbo GX with touch display at the helm, SmartShunt on each bank, NMEA 2000 interface
12 V supply	Victron Orion-Tr 24/12 converter for 12 V loads
Shore power	One 50 A 125/250 V inlet; Glendinning Cablemaster with 50 ft cord
Isolation transformer	On the shore inlet, rated for the full 50 A / 240 V supply, for galvanic protection and use of foreign shore power
AC and DC panels	Distribution panels at the pilothouse (Genuine Marine, Blue Sea Systems or equal), with metering and generator / shore / inverter source selection

Item	Specification
Bonding and corrosion	DC grounding and bonding to ABYC E-2; zinc anodes on shafts, rudders and hull
Lighting	LED throughout, 24 VDC; dimmers in saloon, galley, pilothouse and master stateroom; dimmable red night lights over the pilothouse dash
Switches and outlets	Vimar throughout; GFCI protection on all galley, head and exterior outlets
USB charging	USB-A and USB-C ports at both helms, in each stateroom and in the saloon

7. Water, Waste, Bilge and Climate

Item	Specification
Fresh water	Two (2) FRP tanks, 150 US gal each, with inspection ports and electronic level senders
Pressure water	Headhunter Xcaliber 10 gpm, 24 VDC, with accumulator; PEX plumbing with manifold distribution and labeled shut-offs
Water heater	20 US gal, 120 VAC element plus engine heat exchanger (Isotemp, Seakamp or equal), with mixing valve
Fills and dock water	Deck fill with vent; pressure-regulated dockside water inlet in the cockpit
Washdown	Freshwater washdown at foredeck and cockpit; raw-water anchor washdown at the bow
Watermaker-ready	Space, dedicated scoop thru-hull and seacock, brine discharge, product-water line, power circuits and remote-panel cable chase for a 30 gph class watermaker. Watermaker unit available as an option
Black water	FRP tank, 100 US gal, with level sender and vent odor filter; Trident premium sanitation hose; deck pump-out, plus macerator overboard discharge through a lockable Y-valve where legal
Gray water	FRP tank, 55 US gal, with level sender; Y-valve for overboard discharge of the galley sink
Hose clamps	All hoses below the waterline double-clamped with 316 stainless clamps
Bilge pumps	One (1) Rule 2000 gph automatic pump in each watertight compartment; Rule 3700 gph emergency pump in the engine room, plus a manual pump
Emergency engine bilge suction	High-capacity emergency bilge pumping using each main engine's raw-water pump. A bronze three-way diverter valve between each engine's seacock and its raw-water strainer switches the engine's intake from the sea to a bilge suction line. The suction line is reinforced, non-collapsing hose, led to the lowest point of the engine-room bilge and ending in a stainless strum box (pickup screen) secured clear of the hull bottom. Bilge water passes through the engine's raw-water strainer before reaching the pump. Valve handles are labeled SEA / BILGE, normally set to SEA, and reached without moving machinery; operating instructions are posted beside each valve. Instructions: run the engine, turn the valve to BILGE, watch the level and engine temperature, and return to SEA before the bilge runs dry
High-water alarms	Audible and visual alarm in each compartment, at the helm
Heating	Diesel hydronic heat (Olympia OL60B-24, 24 VDC, or equal) with fan coils in every space, engine-heat loop and windshield defrost. Reverse-cycle air conditioning may be added, or chosen in place of hydronic heat (Section 12)
Head ventilation	24 VDC exhaust fan in each head
Air conditioning	Reverse-cycle air conditioning available as an option, either added to the standard hydronic heat or in place of it (Section 12)

8. Helm Stations and Navigation

The boat is fully pre-wired for navigation electronics and entertainment. The electronics are offered as an optional package (Appendix A), which buyers may tailor.

Item	Specification
Pilothouse dash	Black solid-surface dash with vinyl-wrapped glare screen, sized for two (2) 16–24 in. displays
Pilothouse sightlines	Window mullions no more than 4 in. (100 mm) wide, including trim

Item	Specification
Overhead panel	Wood-faced overhead panel for VHF, autopilot and instruments
Helm chairs	Pompanette Platinum Series upholstered helm chair on stainless pedestal at each helm
Compass	6 in. backlit magnetic compass at each helm
Wipers	Three (3) Exalto wipers with washers and park position on the forward pilothouse windows
Horn	Dual chrome trumpet air horn, with a button at each helm
Navigation lights	Aqua Signal Series 45 LED, international
Searchlight	ACR RCL-100 LED, remote-controlled
Indicators and controls	Bilge, high-water and navigation-light status panel; remote start/stop for main engines and generator at the pilothouse helm
Engine instruments	Cummins engine data on the NMEA 2000 network for display on the helm screens, plus a Cummins backup display at each helm
Chain counter	Maxwell AA710 or equal
Networks and cabling	Full NMEA 2000 backbone to both helms, engine room and mast; shielded Cat6 data cable home-run to each helm, TV location, Wi-Fi access point and camera location, tested and certified; cable chases with at least 50% spare capacity; pre-wire for a 360° camera system
Flybridge helm	Steering, engine, thruster and trim controls, compass, horn, and space for two (2) 13 in. displays
Flybridge seating	Settee and table at the aft end of the flybridge

9. Interior

General

Item	Specification
Joinery	Hand-selected hardwood and veneers; species chosen from sample panels
Cabinet hardware	Southco push-button positive latches; full-extension ball-bearing drawer slides; adjustable Euro hinges; pre-finished interiors
Headliners and walls	Removable acoustic, foam-backed soft vinyl headliner panels; foam-backed soft wall coverings
Handrails	Stainless or hardwood rails on all stairways; hardwood overhead rails in saloon, pilothouse and master stateroom, including two (2) running the length of the saloon walkway; grab handles on the ends of overhead cabinets. Handholds placed so one is always within arm's reach when moving through the boat
Lifting stairs	The stairs down to the accommodation and up to the pilothouse lift on electric linear actuators, opening lit storage or pantry space with shelving beneath; each locks down positively when closed
Window shades	Hunter Douglas Duette top-down/bottom-up cellular shades, Oceanair marine shades or equal, in saloon and galley, with side tracks or hold-downs so they cannot swing at sea
Storage	Carpet-lined lockers and drawers
Laundry	GE Profile 24 in. stacked washer and dryer, 240 VAC (runs on inverter)
Flooring	LVP (luxury vinyl plank) over acoustic underlay throughout the living areas and hallways, continuous with no thresholds; hardwood stair treads with non-slip nosings and LED step lights; flush access panels over tanks, seacocks and wiring runs. No porcelain or ceramic tile aboard

Pilothouse

Item	Specification
Settee	L-shaped settee with hi/lo table that converts to a berth; reading lights
Outlets	Three (3) 120 VAC duplex outlets
Flooring	LVP, Amtico or equal, wood-look, continuous through galley and saloon

Galley

Item	Specification
Countertops	Premium sintered stone, 12 mm (Dekton, Neolith, Laminam or equal), with mitered edges reading 30–40 mm thick, book-matched or continuous veining, full-height backsplash in the same slab, undermount sink and removable fiddles. Color chosen by the owner
Refrigerator	GE GBE17HYRFS counter-depth bottom-freezer, 17.7 cu ft, fingerprint-resistant stainless, 120 VAC on inverter; marine door latches and restraint bracket; door opens toward the saloon to keep the galley aisle clear
Cooktop	GE Profile PHP9030STSS 30 in. induction, four elements with Sync-Burner, with sea rail, pot restraints and insulated heat-shield panel
Microwave	GE Profile PVM9179SRSS 30 in. convection microwave with air fry and exhaust fan, ducted overboard
Sink and faucet	Large, deep single-basin undermount stainless sink (at least 9 in. deep) with drainboard grooves cut into the countertop; Grohe pull-out faucet; pull-out trash and recycling bins
Cabinets	Base cabinets fitted mainly with drawers; overhead cabinets between galley and saloon with LED task lighting beneath; peninsula upstand to hide the counter from the settee, and grab pole at the galley entrance
Window	Fixed window over the sink, tinted to match the saloon, with an integral 6 in. round opening portlight and drip lip
Dishwasher provision	Space, plumbing and power reserved in the peninsula for an 18 in. dishwasher (dishwasher available as an option)
Outlets	Three (3) 120 VAC GFCI duplex outlets
Flooring	LVP, continuous with pilothouse and saloon

Saloon

Item	Specification
Settee	Built-in L-shaped settee to port with storage under; engine-room air ducts behind it lined and isolated for quiet
Table	Hardwood yacht table with select veneer top, extending to seat 4–6 (about 42 × 28 in. extended)
Entertainment	Samsung 43 in. LED TV, on a lift in an entertainment cabinet or on a swing-down overhead mount; content streamed over the internet, no satellite TV dome
Windows	Tinted, with hardwood trim rings and rounded corners; shades as above
Lighting	Two (2) 24 VDC sconces on the mullions
Free-standing furniture	Space to starboard for owner-supplied furniture, with flush stainless tie-down sockets through-bolted to backing blocks
Sideboard	Lift-hatch housing finished as a sideboard in the joinery species
Outlets	Four (4) 120 VAC duplex outlets
Flooring	LVP over acoustic underlay, with a bound area rug held by concealed flush fasteners

Master Stateroom

Item	Specification
Berth	Island queen berth, a full 60 in. (1,524 mm) wide at the shoulders, 8 in. spring mattress, drawers below
Light and air	Four (4) opening portlights, two each side, with sliding shoji screens; opening overhead hatch above the berth
Lockers	Cedar-lined hanging lockers with automatic lights
Furnishings	Designer headboard with mirror and wood trim; built-in seat with storage

Item	Specification
Lighting and outlets	Two (2) LED reading lights at the headboard, each switched; three (3) 120 VAC duplex outlets
Flooring	Marine carpet (solution-dyed nylon or wool) over acoustic pad, in removable fitted sections

Master Head

Item	Specification
Counter	Sintered stone to match the galley, undermount basin
Shower	FRP shower stall, glass saloon-style doors, Grohe fixtures with hand-held wand
Toilet	Thetford Tecma Silence Plus 2G, 24 VDC, freshwater flush
Mirrors	Large mirror plus illuminated LED shaving mirror
Fittings	Opening portlight over the vanity; towel and toilet-paper holders; 120 VAC GFCI outlet
Flooring	LVT (luxury vinyl tile), edges sealed and coved at the walls

VIP Stateroom

Item	Specification
Berth	Pullman berth against the port hull side, 54 in. (1,372 mm) wide at the head, tapering toward the foot. Custom 8 in. mattress with mold-resistant cover on a ventilated underlay; insulated, upholstered hull lining; storage below; grab rail at the foot
Deadlights	Three (3) vertical deadlights, the center one with an integral 6 in. opening portlight; sliding shoji screens
Lockers	Cedar-lined hanging lockers with automatic lights; nightstand cabinet
Furnishings	Designer forward bulkhead with mirror and wood trim
Lighting and outlets	Two (2) LED reading lights, each switched; three (3) 120 VAC duplex outlets
Flooring	Marine carpet over acoustic pad, in removable fitted sections

VIP Head

Item	Specification
Counter	Sintered stone to match the galley, undermount basin, cabinet below, mirror
Shower	FRP shower stall, glass saloon-style doors, Grohe fixtures with hand-held wand
Toilet	Thetford Tecma Silence Plus 2G, 24 VDC, freshwater flush
Fittings	Three (3) vertical deadlights (center with opening portlight) with waterproof shoji screens; towel and toilet-paper holders; 120 VAC GFCI outlet
Flooring	LVT, edges sealed and coved at the walls

10. Deck Equipment, Ground Tackle and Safety

Item	Specification
Windlass	Maxwell VWC 2500, 24 VDC, vertical with capstan; switches at bow and pilothouse; foot switches at bow
Anchor	Rocna 40 (40 kg / 88 lb), with stainless swivel
Chain	400 ft of 3/8 in. G43 high-test galvanized chain, marked every 25 ft
Bow roller	Stainless frame and roller on molded anchor shelf; chain stopper and snubber
Chain locker	Self-draining, with bitter-end attachment releasable under load
Tender crane	Steelhead ES1000, 1,000 lb capacity, on the boat deck, positioned to launch the tender over the port side or the stern

Item	Specification
Mooring hardware	Cleats with stainless hawse fittings, including a cleat on the transom bustle
Cockpit	Aft cabinet with sintered stone counter and stainless sink; 120 VAC GFCI outlet; water fill; molded transom settee with cushions and table
Smoke and CO alarms	Interconnected smoke alarms and ABYC A-24 carbon monoxide alarms in every sleeping and living space
Fire extinguishers	Portable extinguishers per ABYC and USCG, with mounting brackets
Galley fuel	All-electric galley; no propane aboard
Life-safety provisions	Life raft cradle location on the boat deck; EPIRB mount at the helm (equipment owner-supplied)

11. Quality, Testing and Delivery

Construction inspections. Seattle Yachts inspects each boat at key stages: hull lay-up (with laminate samples and core-bond test), deck-to-hull join, engines and tanks installed, wiring complete, bulkhead penetrations, and pre-delivery.

Testing. All tanks pressure-tested before installation; hose test of all windows, hatches, doors and deck fittings; electrical insulation, polarity and GFCI checks; voltage-drop checks on thruster and windlass circuits. Each boat is weighed at launch.

Sea trial. Run to a written protocol with Seattle Yachts aboard: speed and fuel burn across the rpm range at a recorded displacement; sound levels at the helm, saloon and master stateroom; stabilizer, thruster, trim and steering function; a one-hour full-power run; crash-stop test; and generator full-load test.

Documentation. Delivered in English, digital and printed: as-built wiring and plumbing diagrams; equipment manuals with warranties registered in the owner's name; laminate schedule and weight log; sea trial report; ABYC compliance statement (and CE file if certified); network cable test report; spare-parts list.

Warranty. Warranty terms are set out in the purchase agreement.

12. Optional Equipment

Propulsion and machinery

- Five-blade propellers, for lower vibration and noise
- Thermal engine-room camera covering engines and exhaust
- ESI fuel polishing system
- Watermaker, about 30 gph (Spectra, Sea Recovery or equal), on the standard watermaker-ready provisions

Stabilization and maneuvering

- Wesmar DSP4803 at-anchor stabilization, with AC hydraulic power pack running on the generator
- Sleipner SE stern thruster (keel-mounted, 24 VDC)
- Sleipner SEP proportional (variable-speed) thrusters, bow only or bow and stern
- Starboard aft docking station with engine, gear and thruster controls
- Yacht Controller wireless remote for engines, gears and thrusters
- ZF JMS joystick maneuvering system (with stern thruster and proportional thrusters)

Electrical and climate

- Lithium (LiFePO4) house system: Victron Lithium Smart batteries, Lynx Smart BMS and distribution, lithium charge profiles, DC-DC charging of start and thruster banks
- Digital switching (Garmin EmpirBus or CZone)
- Solar panels on the pilothouse roof, with Victron MPPT charge controller to the house bank
- Cruisair reverse-cycle air conditioning, 50,000 BTU/h, zoned to pilothouse, saloon/galley and each stateroom, added to the standard hydronic heat
- Cruisair reverse-cycle air conditioning (heat and cool), as above, in place of hydronic heat, with a credit for the hydronic system
- Sun-Touch heated floors in galley and both heads

Helm and electronics

- Electronics and entertainment package (Appendix A)
- 360° surround-view camera system
- Second helm chair, pilothouse

- Second helm chair, flybridge
- Master stateroom TV with electric flip-down mount
- VIP stateroom TV with electric flip-down mount

Interior

- Raised-panel cabinet doors throughout
- Motorized saloon and galley shades
- Teak-and-holly engineered sole in pilothouse, galley and saloon
- Natural stone countertops on aluminum honeycomb backing
- GE Profile 18 in. dishwasher
- Broan Elite trash compactor
- LVP flooring in place of carpet in either stateroom
- Teak shower grates, both heads

Exterior and certification

- Colored hull gelcoat
- Kevlar bow reinforcement (two layers chine to chine forward, three at the bow)
- Flybridge drink cooler
- CE certification, Design Category A (or B)

Appendix A. Electronics and Entertainment Package (Optional)

Seattle Yachts' suggested package for the NW48 and NW51, installed and commissioned at the factory with Garmin dealer sign-off. Buyers may substitute items or manufacturers; the final list is confirmed for each hull at contract.

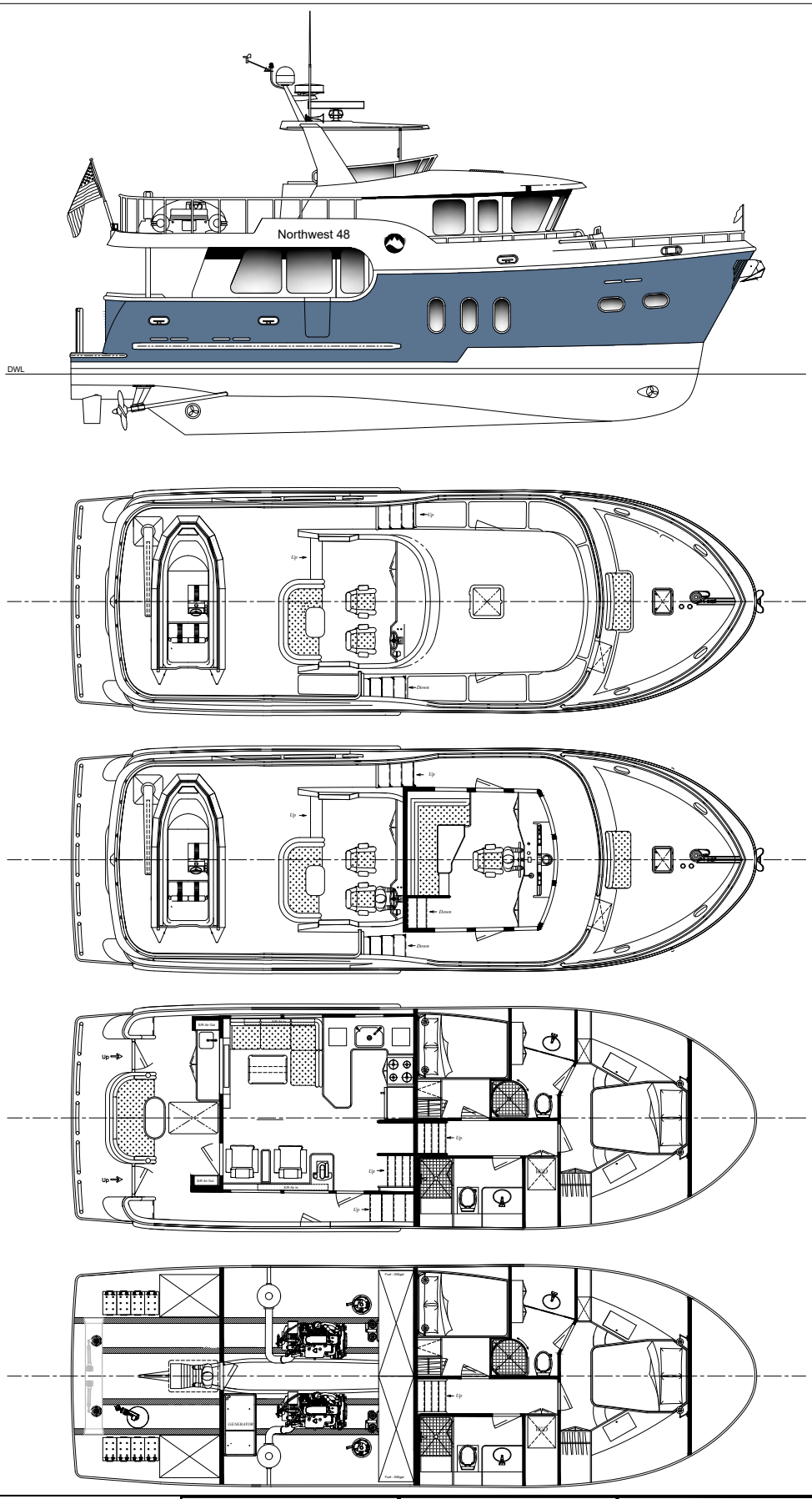
Category	Qty	Equipment	Location
Navigation displays	2	Garmin GPSMAP 9219, 19 in. chartplotter	Pilothouse
Navigation displays	2	Garmin GPSMAP 9213, 13 in. chartplotter	Flybridge
Radar	1	Garmin GMR Fantom 254, 250 W, 4 ft open array (MotionScope, MARPA)	Radar arch
Heading sensor	1	Garmin MSC 10 satellite compass	Radar arch
Autopilot	1	Garmin Reactor 40 with Shadow Drive	Steering system
Autopilot controls	2	Garmin GHC 50	Pilothouse and flybridge
Sonar	1	Garmin GSD 28 xCHIRP module with Airmar 1 kW CHIRP thru-hull transducer	Electronics space / hull
AIS	1	Garmin AIS 800 Class B SOTDMA transceiver with GPS antenna	Electronics space
VHF	1	Garmin VHF 315 black-box radio with marine VHF antenna	Electronics space / arch
VHF handsets	2	Garmin GHS 11 wired handsets	Pilothouse and flybridge
Docking cameras	2	Garmin GC 245 HD	Port and starboard
Stern camera	1	Garmin GC 255 HD	Stern
Network	2	Garmin BlueNet 20 switches, with NMEA 2000 devices and engine gateways	Throughout
Internet	1	Starlink Mini with maritime service plan	Pilothouse top / arch
Onboard Wi-Fi	1	Marine Wi-Fi/cellular router (Peplink or equal) with access points	Throughout
Audio	4 pairs	Sonos in-ceiling speakers with Sonos Amp	Saloon, pilothouse, master, VIP
Saloon TV audio	1	Sonos Beam (Gen 2) sound bar	Saloon

Optional stateroom TVs (Samsung 32 in. Q8F QLED 4K with VIVO electric flip-down mount) are offered separately for the master and VIP staterooms; power and network cable are run to both locations as standard.

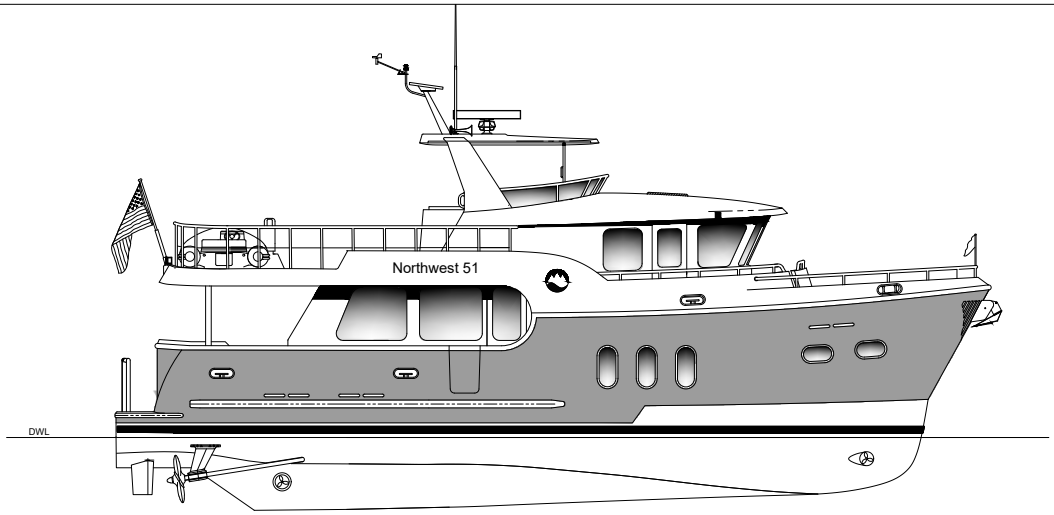
Specifications are based on the design as of November 2026 and may change as construction drawings are completed. Displacements are estimates. Equipment may be substituted with items of equal or better quality. General-arrangement drawings

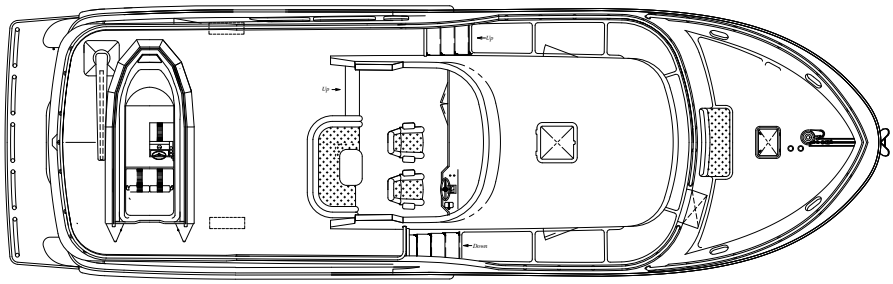
accompany this specification.

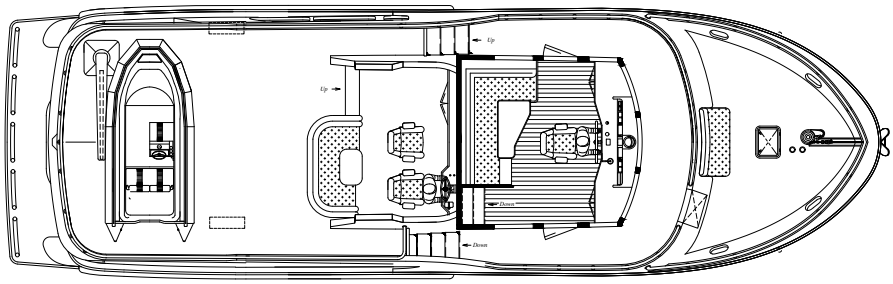
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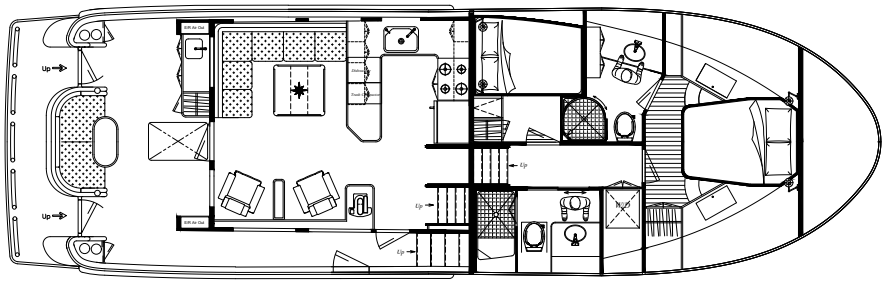


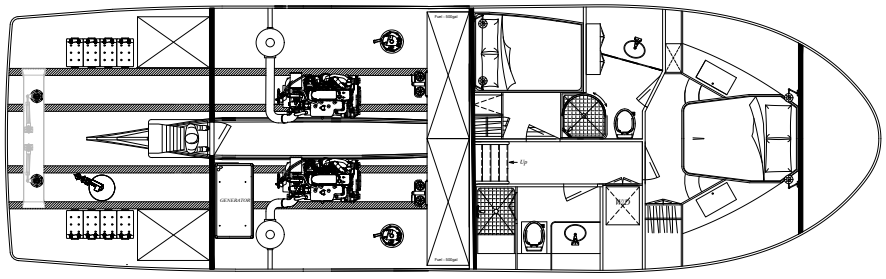
NORTHWEST YACHTS	BOAT MODEL: Northwest 48 DESIGNER: P Whiting DRAWN BY: PSW	CLIENT: DRAWING NUMBER: DATE: 11/4/2026	The information contained in this drawing is the property of and for the exclusive use of interested parties that have received it directly from Northwest Yachts and /or it's licensed agent(s). Under no circumstances is the information to be duplicated or disseminated to any other party without the specific approval of Northwest Yachts.











NORTHWEST YACHTS	BOAT MODEL: Northwest 51	CLIENT:	The information contained in this drawing is the property of and for the exclusive use of interested parties that have received it directly from Northwest Yachts and /or it's licensed agent(s). Under no circumstances is the information to be duplicated or disseminated to any other party without the specific approval of Northwest Yachts.
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	DRAWN BY: PSW	DATE: 11/4/2026	