

# Addendum A - Specifications - March, 2022

# Northwest 63 Semi-Displacement Hull Three Stateroom

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Northwest Yachts are designed to put *you* in charge of your journey.

The NW63 is a state-of-the-art vessel, engineered to thrive in the demanding environment of oceans worldwide. Utilizing the latest in construction technology and incorporating an extensive list of high-grade standard features, these modern trawler-style yachts readily deliver a self-sufficient and comfortable cruising lifestyle.

If you're ready to alter course and find some adventure, please feel free to email or call us for more information.

#### **Basic Particulars**

#### **Dimensions**

LOA	. 63' 0" (19.20 M)
LWL	59' 2" (18.03 M)
Navigation beam	. 19' 11" (6.07 M)
Draft	. 4' 11" (1.50 M)
Bridge clearance (antennas down)	26' 8" (8.13 M)
Displacement (full load)	10 lbs. (48.87 MT)

# Propulsion and Performance (twin engines):

Make and Model: John Deere 6135SFM85

Horsepower: 750hp each (total 1,500 hp)

Cruise Speed: 7 - 14 knots

Est. Max Speed (WOT): 18 knots

Est. Max Range: 1600 nm\* @ 8.5 knots passagemaking speed

# Tankage:

Diesel Fuel: 1,800 US Gal (4,542.49 L)
Freshwater: 450 US Gal (1,703.43 L)
Black Water: 200 US Gal (757.08 L)
Gray Water: 100 US Gal (378.54 L)

# **Hull and Superstructure**

- Hull and deck of high strength-to-weight-ratio infused and vacuum bagged FRP composite
- Medium gray color SoftSand® for non-skid areas
- Highest-grade Cook<sup>™</sup> white gelcoat hull and superstructure
- Top-grade Vinyl Ester resin in top three laminate layers for max moisture resistance and surface longevity
- Main laminate assembled using top-grade Isophthalic polyester resins
- · With final interior coating of Vinyl Ester for improved moisture resistance
- International™ Interprotect® epoxy-based anti-osmosis bottom primer coating system
- International<sup>™</sup> anti-fouling bottom paint, black color
- Transverse and longitudinal top-hat stiffeners formed and bonded to hull using high-density closed-cell foam and Vinyl Ester resin for improved bond strength and enhanced hull toughness and longevity
- Extreme attention paid to properly tapering out the flanges of bonded stringers to avoid stress concentration
- Hull-to-deck joint bonded with high-strength 3M<sup>™</sup> 5200 structural polyurethane adhesive and bolted
- Main hull-to-deck joint additionally fiberglassed on inside of shell using Vinyl Ester for best bonding
- Extra laminate reinforcing layers from stem aft to water-tight collision partition placed aft of forward end of waterline to guard against loss of hull buoyancy in the event of a collision with flotsam at sea

<sup>\*</sup>Range with 10% fuel reserve and genset(s) running

# Aft Cockpit, Side Deck, and Swim Step

- Swim platform safety staple-type removable railings (5) in polished 316L stainless steel
- Portuguese bridge with access gate and step(s) to forward deck
- Extensive built-in cabinet storage on Portuguese Bridge and elsewhere on deck
- · Courtesy lights on all stairs
- Side deck boarding door with S/S logo step-plate
- S/S horizontal hand railing on transom
- Transom shower hot & cold water faucets in molded recess with latching door
- Faucets for both fresh and sea water wash downs
- Transom door with S/S logo step-plate.
- Rub rail with S/S back plate
- 10" S/S Cleats (one each side of swim platform)
- Re-boarding ladder housed in integral platform recess
- Storage cabinet with S/S sink under hinged worktop
- Napoleon LEX built-in BBQ
- Port and starboard S/S hawse pipes (2)
- Mooring cleats (2)
- 120VAC outlet (1) with integral ground-fault interrupter (GFI)
- Courtesy lights (4)
- Wet locker
- All stainless steel above waterline to be 316L

# Boat Deck, Flybridge, Portuguese Bridge, and Foredeck

- Non-skid deck surface to match main deck
- Type 316 S/S safety stanchions and railings
- Polished S/S anchor roller and chute assembly
- Nautical Structures Euro Hydraulic Series 3-2000 davit crane
- S/S 316 safety stanchions and railings
- · Fiberglass hardtop
- Fiberglass mast with 24VDC deck flood lighting
- Llebroc<sup>™</sup> Tradewinds flybridge helm chairs (2)
- Instrument console with full array of instrumentation
- S/S steering wheel
- Magnetic compass 5" powerboat model (1)
- S/S frame venturi-type windshield with S/S grab rail
- Waterproof speakers (2)
- Intercom set (1)

- FRP bench seats with cushions and table
- 120VAC outlet (1)
- Courtesy lights (4)
- · Portuguese bridge with access gate to foredeck

# **Engine Room and Lazarette**

- Twin John Deere 6135SFM85 (M5) 750 hp each (total 1,500 hp)
- Twin Disc transmissions (2.5:1 reduction ratio)
- Seatorque Boss® Enclosed Shaft System (2)
- Northern Lights® M844W3, generator 16KW/120VAC/240VAC/60HZ with sound enclosure
- Trac<sup>®</sup> active fin, hydraulic stabilizers
- Trac<sup>®</sup> hydraulic bow thruster
- Cruiseair® remote direct-expansion air conditioning, with condensing units rack-mounted in engine room and cooling/air-handling units in staterooms, salon and pilothouse, electronic zone control and soft-starting to reduce starting loads, total capacity 60,000 BTU (5 tons)
- US Watermaker® "Clearwater", 800 gpd watermaker system
- Engine exhaust hi-riser system with fitted insulation jackets
- Work bench with plumbed clean-up sink
- 120VAC fluorescent lighting and 24VDC dome lights
- Fiberglass floor panels overlaid with non-skid vinyl flooring
- S/S saddle-type engines beds fitted to molded and bonded FRP main engine stringers
- Purpose-selected, vibration- and sound-insulating engine isolation mounts
- Integral oil-confinement areas formed beneath engines to prevent accidental contamination of bilges
- S/S safety railing surrounding engines

# Mechanical and Plumbing

- Racor® 75/1000MAX, dual fuel filter for each engine (total 2)
- Racor® 75/500MAX, dual fuel filter for generator
- Kobelt® power-assisted steering system
- Seawater intake strainers (2), bronze with S/S basket strainers and clear acrylic caps
- High-capacity manual bilge pump (1)
- Bronze thru-hull fittings with flanged bases
- Bosch stacked washer/dryer
- Fresh water pressure system with Headhunter<sup>®</sup> Mach 5, 120VAC pump (1), Headhunter<sup>®</sup> XR124, 24VDC pump (1)
- Seawater deck washdown system with Headhunter<sup>®</sup> XRS 124, 24VDC pump (1)

- Headhunter<sup>®</sup> WTS-1500B, black tank sentry with high alarm and auto discharge
- Headhunter® tank sentry monitor system for gray, fuel and water tanks
- Shore-water connection with easy shut-off and pressure-limiting feature
- Blower vented to exterior for each shower space
- Sealand<sup>®</sup> macerator pumps (2)
- Pe-Al-Pe pipe for fresh water system
- Fireboy<sup>®</sup> MA2-1500, auto extinguisher system
- Reverso® oil change system for engines, generators, and transmissions
- ZF Electronic engine controls (2-station system)
- VDO® rudder indicators on wheelhouse and flybridge control station
- Electro guard® HD-SB, propeller shaft grounding wiper brush system
- Aqualoy<sup>®</sup> 22HS, rudder stocks
- 4-blade Nibral propellers
- ESI CFS-1000FR, fuel polishing system
- Garden hoses 75 feet (2)

# **Electrical Systems**

- Northern Lights® M844W3, generator 16KW/120VAC/240VAC/60HZ with sound enclosure
- Par® 35440-0010 engine room blower 24VDC (2)
- Engine room blower, 240VAC (2)
- Torid<sup>®</sup> SS, water heater with heat exchanger, 20 US gals (2)
- Blue Seas AC and DC circuit control breaker panels
- Dash-mounted "mimic" panel w/ red LED indicator lights
- Agua Signal<sup>®</sup> Series 43 LED Navigation lights
- Buell<sup>®</sup>, Duplex air horn, solenoid and 24VDC compressor.
- Ship's Service batteries Lifeline AGM battery 12V/225AH (8)
- Engine Starting batteries Lifeline AGM battery 8D series, one (1) per engine (total 2)
- Generator Starting battery Lifeline AGM battery 4D series, one each (1)
- Automatic bilge pumps 24VDC five (5) each with automatic float switches, indicating lights and high bilge water alarm system
- Bonding system includes four (4) zinc anodes, two (2) in bottom recesses forward and outboard
  of shafts and two (2) on transom below the waterline.
- Glendinning<sup>®</sup> cable master with 90ft, 50A cable and remote control
- ACME® TF279266S isolation transformer
- Victron Quattro 24/5000/120 Inverter Charger
- Victron Phoenix 24V Charger
- Intercom (4) for flybridge, E/R, P/H and master stateroom

- All DC wiring stranded, tinned, with color coding to ABYC standards
- Emergency parallel switch for engines and house bank, make-before-break type with alternator diode protection
- Wipers with windows washer system for all forward-facing pilothouse windows
- Dimmer switches for all overhead lighting
- Vimar® outlets and switches
- Cantalupi® or equivalent interior and exterior lighting
- Jabsco<sup>®</sup> 45900-0001, flood lights (2)
- Jabsco® 60010-2024 255SL, search light (1)

# **Electronics and Entertainment Equipment**

· Owner specified, allowance in pricing

#### **Pilothouse**

- · Port and starboard side doors, Diamond Seaglaze or equivalent Dutch swinging doors
- Front windows bedded glass, clear (12mm thick)
- Instrument console with complete instrumentation
- Overhead electronics panel
- S/S with wood rim or fully wooden steering wheel
- Compass (1)
- Llebroc Tradewinds Series 2 Helm Chair w/ footrests (2)
- Settee with cushions, storage beneath and table (1)
- Teak, Cork or Oak flooring
- 120VAC outlet (3)

#### **Pilothouse Day Head**

- Headhunter fresh water flush toilet
- Exhaust Fan (TBD)
- Teak, Cork or Oak flooring
- Corian® or granite counter top
- Corian or appropriate for granite Sinks with Grohe faucets

#### Galley

- GE Monogram ZCGS150RSS Trash Compactor
- GE Monogram ZIC30GNHII Refrigerator
- GE Monogram ZGP304NRSS Gas Range

- GE Monogram ZSA120XJSS Over-the-Range Microwave/Vent
- GE Monogram ZBD1800N 18" Dishwasher
- Insinkerator<sup>®</sup> Evolution Excel, garbage disposal under sink
- Franke GNX11028 Stainless steel sink (or equivalent)
- Grohe Ladylux Café Single lever kitchen faucet
- Xintex propane control system with gas detection alarm
- Side window over sink, Diamond Seaglaze or equivalent opening
- Teak, Cork or Oak floor
- Select granite counter top with backsplash
- 120VAC and 24VDC lighting
- 120VAC outlet (3)
- Lower and overhead cabinets of cherry, teak, or mahogany

# Saloon

- 120VAC or 24VDC lighting
- Allowance for interior décor
- Carpeted flooring with sound insulating pad under
- Entertainment cabinet
- Side access door, Diamond Seaglaze Series or equivalent sliding
- Aft access door, Diamond Seaglaze Series or equivalent swinging Dutch door
- Side windows of bedded glass (12mm)
- Aft windows- Diamond Seaglaze Series or equivalent opening

#### **Master Stateroom**

- Portlights (4)
- Berth with storage under
- Carpeted flooring with sound insulating pad under
- Night table (2)
- Hanging locker (2)
- Built-in seat
- 120VAC or 24VDC lighting, 120VAC outlet (3)
- Drawers

#### **Master Head**

- Portlight (1)
- Medicine cabinet with mirror
- Headhunter fresh water flush toilet
- Exhaust Fan 24VDC
- Teak, Cork or Oak flooring
- Non skid shower room flooring
- 120VAC or 24VDC lighting
- 120VAC outlet (1)
- Corian® or granite counter top
- Corian or appropriate Sinks with Grohe faucets
- Stall shower with frameless glass shower door, Grohe shower fixtures
- Grohe towel racks and toilet paper holder

# VIP Stateroom -

- Portlights (2) vertically mounted
- Berth with storage under
- Carpeted flooring with sound insulating pad under
- Hanging locker
- 120VAC or 24VDC lighting
- 120VAC outlet (3)
- Drawers

# **VIP/Guest Head**

- Portlight (1)
- · Medicine cabinet with mirror
- Headhunter fresh water toilet
- Exhaust Fan 24VDC
- Teak, Cork or Oak flooring
- Non skid shower room flooring
- 120VAC or 24VDC lighting
- 120VAC outlet (1)
- Corian® or granite counter top
- Corian or appropriate for granite Basin with faucet
- Stall shower with frameless glass shower door and Grohe fixtures
- Grohe towel racks and toilet paper holder

# **Guest Stateroo**m

- Portlights (2) vertically mounted
- Upper and lower bunk berths
- Carpet flooring with sound insulating pad under
- Hanging locker (1)
- 120VAC or 24VDC lighting
- 120VAC outlet (1)
- Drawers
- Mirror (1)

#### **General Interior Features**

- Cherry, walnut, mahogany or selected cloth wall covering (teak optional)
- Teak, Cork or Oak floors in galley, hallways and pilothouse,
- Carpeting with sound insulating pad in salon and staterooms
- Fiberglass walls and ceilings in shower rooms
- Latex rubber mattress with pillow-top fabric
- Curtains
- Satin interior varnish or polyurethane
- All wardrobes have lights and are cedar lined

— End of Specifications —

All specifications are subject to change without notice prior to execution of a sales contract.

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