

## HULL

- Color - Oyster gel coat hull w/colored inset & waterline
- Structural lamination multi-directional knitted fiberglass w/ vinylester skin coat
- Stringers – Fiberglass encapsulated full length composite stringers
- Boarding platform with telescopic swim ladder
- Hull Guards - UV-stabilized PVC-guards: anchor, hull and sheer, 316 SS inset on hull side guard
- Fasteners - All exterior fasteners 316 stainless steel
- Bottom Paint – Eco friendly ablative antifouling (2 coats/black)
- Port Lights - 7"x14" 316 stainless steel w/screens, hull sides (5)
- Bilge Pumps – 3-2000 GPH w/auto/manual switches at helm
- Bonding System - bonding anodes on transom plus rudder, shoe and thruster anode

## DECK

- Deck - Raised walk-around side decks
- Door - hinged transom
- Scuppers - cockpit
- Anchor Roller Assembly - Polished stainless steel
- Windlass - 24VDC LOFRANS® TIGRES® LW400AN,
- 1200W anchor windlass w/foot controls at bow and remote control at helm
- Storage - Cockpit cabinet w/double doors
- Storage - Cockpit recessed fender holder
- Storage - Deck hatch to lazarette w/sealing gasket and gas-assist lifts
- Hand Rails - Deck, 1-1/4" x 30" high, 316 stainless steel bow & stern
- Hand Rails - 1-1/4" 316 stainless steel 30" high on salon cabin top (removable starboard) and ladder on port side
- Ladder - 316 stainless steel open rail w/wide treads from aft deck to boat deck portside
- Access to chain locker on foredeck port side
- Hand Grabs - 316 stainless steel salon roof drains at aft salon corners
- Hand Grabs - 316 stainless steel, two forward of pilot house doors
- Hand Grab - 316 stainless steel on transom over swim ladder
- Windows - DIAMOND SEA GLAZE® Oyster powder-coated finish, sliding windows in salon and pilothouse
- Doors - DIAMOND SEA GLAZE® Oyster powder-coated: two sliding pilot house entry and aft entry door with full length half-drop window and screen
- Portlights - 12" round 316 stainless steel w/screens and drains in forward cabin (3)
- Cleats - 12" cap rail mounted 316 stainless steel mooring cleats (10)
- Deck Fittings, 316 stainless steel - 2" fuel fill (2), 1-1/2" water fills, 1-1/2" waste suction
- Lights - Aft deck LED overhead (2) w/switch on fixtures

- Lights - Boarding platform LED (2)
- Outlet - 110VAC GFCI [cockpit]
- Pennant Staff receiver - in bow rail
- Sea water deck wash down hose bibs fore & aft
- Lazarette Vents polished stainless steel

## PROPULSION / ENGINE ROOM

- Engine - Single Volvo D11-510HP w/ electronic controls
- Alternator - 80 amp (24V)
- Fuel Filter - 10 micron primary element/ 2 micron secondary element on engine
- Exhaust - 8" dual stage water lift muffler transom exit for main engine
- Propeller - Bronze 5-blade LH, tuned to class S ISO-484 pitch tolerances
- Propeller Shaft - 2.5" stainless steel w/PSS® drip-less shaft seal
- Seawater Strainers - bronze
- Generator Fuel Filter - 10 micron primary element/ 2 micron engines
- Oil Change Pump System - plumbed to main engine, generator & transmission
- Sound Insulation - 1" w/barrier and silver mylar finish
- Lights - engine room (5) LED
- Outlet - 110VAC GFCI

## HEATING

- Furnace - Diesel Hydronic heat system & hot water plumbed to 3-zones, 40,000 BTU

## GALLEY

- Cooktop - 3-burner electric FORCE-10®
- Microwave, Convection - under cooktop
- Refrigerator/freezer, Nova Kool AC/DC, 9.1cf
- Countertop - U-shaped acrylic solid surface countertop w/coved backsplash & searail
- Sink - stainless steel, mirror finish under counter mount single bowl w/single lever spray extension faucet and soap dispenser.
- Cabinets - Sapele flush face frames & drawer faces; doors & drawers are equipped w/push type sea locks
- Storage - Spice rack over stove w/Sapele sliding doors
- Storage - Tip-out storage in front of sink
- Drawers - full extension ball bearing tracks & push locks
- Lights - Overhead, 24VDC LED w/stainless steel bezel (4)
- Outlets - 110VAC GFCI protected (2)
- Exhaust fan and switch
- Amtico flooring, synthetic Teak & Maple

### COMPANIONWAY

- Nav Station - w/bench seat, file drawer under
- Electrical Panels, BLUE SEAS 360® - includes AC/DC meters, breakers and generator start panel, above and outboard of desk area
- Lights- Stair, red LED, at step riser
- Light - Reading 24VDC LED, over desk
- Lights - Overhead 24VDC LED (4), stainless steel bezel
- Outlet 110VAC, 12VDC/ USB

### SALON

- Table – 14"x48" opens to a 28"x48" Sapele top mounted to a hi/lo hydraulically assisted moveable table base.
- Cabinet, Sapele with storage
- Sapele entertainment center Salon port side w/Sapele top and includes with a 26" flat panel TV, and storage cabinet fwd
- Settee - Sleep sofa & barrel chair
- Valances - Sapele
- Lights - Overhead, 24VDC LED w/SS bezel (7)
- Lights - Sconces, 24VDC (2)
- Lights - LED step lights, red, at each riser
- Outlets - 110VAC (3), 12VDC/ USB

### PILOT HOUSE

- Helm seat - LLEBROC® chair w/slide, footrest and adjustable pedestal, ULTRALEATHER® Black fabric
- Settee w/Sapele fixed height folding table
- Aft facing seat - forward port helm
- Sapele overhead console and valances
- Chart table w/drawer; Laminate counter top
- Engine Control - Volvo electronic single lever throttle/shift
- Engine Instrumentation – Volvo 7" LED digital color monitor
- Systems monitoring – Blue Seas, digital, all liquid tanks,
- Compass - flush mount
- Bow Thruster Control - joystick
- Windshield wipers - pantograph style, adjustable speed, self park and washer system controls (3)
- Windshield defroster
- Overhead console Fusion stereo & instrument power.
- Light - Reading, 24VDC LED
- Light - Chart, LED red/white
- Sundeck Access - aft staircase
- Lights - Over helm, 24VDC LED red (2)
- Outlets - 110VAC/ (2), 12VDC/ USB
- Hatch - 16.5" w/screen

### FORWARD MASTER

- Queen-size berth on center line, storage under
- Mattress - Innerspring hinged deluxe pillow top w/ storage under forward end of berth
- Mirror - full length on back of head door
- Hull side storage cabinets
- Drawers - flush face, under berth w/push latches (4)
- Lights - Overhead, 24VDC LED w/stainless steel bezel (4)
- Lights - Reading, 24VDC LED, over berth (2)
- Outlet - TV aft bulkhead
- Outlets – 110VAC/ (2), 12VDC/ USB
- Hatch - 22" w/screen
- Chain locker forward w/sealed access door behind headboard

### GUEST CABIN

- Berth - Double berth w/ innerspring mattress
- Cabinet - hull side storage w/drawers (4)
- Storage Locker - forward inboard corner w/outlet
- Door, Entry - sapele sliding
- Lights - Overhead, 24VDC LED w/stainless steel bezel (3)
- Lights - Reading, 24VDC LED (4)
- Outlets - 110VAC, 12VDC/ USB

### GUEST HEAD

- Toilet - TECMA® EasyFit [ Comfort height]
- Shower - stall w/café style door, faucet & LED light
- Cabinet - vanity w/sapele door, stainless steel basin & acrylic solid surface
- Fixtures - toilet paper holder, towel racks, mirrors
- Floor covering – Amtico sole
- Light - Overhead, 24VDC LED (2)
- Outlet - 110VAC, GFCI protected
- Exhaust fan w/switch

### MASTER HEAD

- Toilet - TECMA® EasyFit [ Comfort height]
- Vanity top – Acrylic solid surface w/stainless steel sink, faucet
- Shower - stall w/café style door, faucet and LED light
- Cabinet - vanity w/sapele trim and doors
- Fixtures - mirrors, toilet paper holder, towel racks (2), towel ring
- Floor covering – Amtico sole
- Lights - Overhead, 24VDC LED (3)
- Outlet - 110VAC, GFCI protected
- Exhaust fan w/switch

### INTERIOR FINISH AND TRIM

- Upholstery - choice of colors [see samples]
- Carpet – standard color
- Flush sapele cabinet door and drawer faces
- Valances, Sapele - Salon & pilothouse
- Sapele interior passageway doors and trim

### LAZARETTE

- Fresh water pump – 24 VDC variable pressure
- Water Tank
- Steering gear
- Gel coated and ventilated
- Storage space

### STEERING SYSTEM

- Steering System - manual hydraulic
- Rudder and Shoe – Stainless steel w/sacrificial anodes
- Rudder port bearing and shaft lip seal
- Helm Wheel – Hardwood w/stainless steel accents
- Valves and fitting for autopilot hydraulic pump connection
- Bow Thruster - SIDE-POWER® SE100/185T-24V, 220lb thrust

### 24V DC ELECTRICAL SYSTEM

- Battery Charger - MASTERVOLT® 70 amp 3-outputs
- Batteries, Start – 24V AGM Group-31 (2) w/boxes, 200 amp hours
- Batteries, House – 24V AGM deep cycle (6) w/boxes, 660 amp hours
- Batteries, Thruster/Windlass - 24V AGM Group-31 (2) w/boxes, 200 amp hours
- Breaker Panel, BLUE SEAS 360® - w/LED lights
- Master house bank circuit breaker switched at DC Panel
- Battery parallel switch at helm
- Wire - marine grade tinned copper throughout

### 110V AC ELECTRICAL SYSTEM

- Generator - 9kW Northern Lights 110VAC w/sound shield, water lift muffler, water separator exhaust system
- Shore power connections - SMARTPLUG® 30A (2), w/50' cords (2), starboard
- Breaker panel - BLUE SEAS® 360 panel 110VAC w/LED lights ELCI main CB w/digital multi-meter

### SAFETY PACKAGE

- Fire Extinguishing System - FIREBOY-XINTEX® CG2-500-227 in engine room w/auto shut down
- Fire Extinguishers, (2) 5 LB and (1) 2 LB
- High bilge water alarm
- Smoke detector in each cabin & central seating area
- Radar reflector - located in stack
- Horn - Dual Electric
- Light - Anchor, LED, USCG approved
- Lights - Navigation, LED, USCG approved
- NMMA Certification to ABYC Standards
- Canadian Declaration of Conformity

### TANKAGE

- Fuel tanks - 600-gallon in two tanks w/crossover line, shutoff valves, brass push to open valve & sight gauge
- Potable Water Tank Polyethylene - 175-gallon w/sight tube
- Gray Water Tank - 20-gallon/76-liter in keel, w/auto 24VDC pump
- Black Water Tank - 45-gallon in keel, w/deck pump out
- Tank Monitoring - Fuel, sight tube on tank
- Tank Level Monitoring – Blue Seas Digital, all liquid, at helm

### DIMENSIONS

- Length Overall - 44' 8" / 13.62m (with bow roller & boarding platform)
- Length Overall w/optional Bow Pulpit - 46' 3" / 14.10m
- Beam - 13' 10" / 4.21m
- Draft - 4' 7" / 1.40m
- Freeboard - at cockpit 4' 1" / 1.24m
- Freeboard - Amidships, at pilothouse door 4' 11" / 1.49m
- Height from - Waterline-top to stack top 12' 4" / 3.76m
- Displacement Weight - 31,400 lbs / 14,255kg
- Headroom - Salon 6' 4" / 1.93m
- Headroom - Pilot House 6' 4" / 1.93m
- Headroom - Forward Cabin 6' 10" / 2.08m

### OWNER'S PACKAGE

- Engine & Reduction Gear manuals

### COMMISSIONING PACKAGE

- Component owners manuals - w/Electrical Schematics
- Nordic Tug Operators Manual
- 10-micron fuel filter element for main engine RACOR®
- Matched gel coat touch-up kit
- Multi-Bit screwdriver & stainless steel deck fitting key
- Shaft Seal Collar O-Ring Kit
- Container box with lid