

NORTHCOAST 125

CHARACTERISTICS

BUILDER	NORTHCOAST YACHTS, INC
YEAR	2011
TYPE	SEMI DISPLACEMENT
YACHT DESIGN	NCY / FREDRICKSON
INTERIOR DESIGN	NCY / YADVISH / ADRIEL DESIGN / FREDRICKSON
LENGTH OVERALL	125.5 FT [38.3 M]
LENGTH WATERLINE	110.5 FT [33.7 M]
BEAM	25.5 FT
DRAFT	6.3 FT [1.9 M]
HULL MATERIAL	COMPOSITE FRP
SUPERSTRUCTURE	COMPOSITE FRP
ENGINES	CATERPILLAR C-32 ACERT [1925MHP ea]
SPEED: TOP/CRUISE	22.5 KTS / 18.0 KTS
RANGE	2400 NM @ 12 KTS est
FUEL	7400 USG
GASOLINE	60 USG
CLEAN OIL	100 USG
USED OIL	100 USG
FRESHWATER	900 USG
BLACKWATER	375 USG

SPEED, RANGE and CAPACITIES subject external variables, actual values may vary

ACCOMMODATIONS

MAIN DECK

The main deck features a large exterior aft seating and dining area complete with bar, refrigerator and exterior flat screen tv. A full glass aft doorway entry opens onto an elegant formal dining space. The light, open emphasis for all spaces of the yacht is introduced here with large lateral windows. The salon is arranged with leather sectional and barrel chairs for a comfortable central conversation and media entertainment. A unique nine foot high ceiling in this area complements the 60 inch television with state of the art stereo surround sound. The fine wood joinery of Columbian Rosewood, Wenge, Ebony complemented by Scottish Leather coverings are showcased here and carried on through the complete interior of the vessel.

To the port is day head, coffee nook and galley entry. The galley is equipped with Wolfe, Sub Zero, Viking and LG appliances. Countertops in the galley are granite and storage volume maximized with rosewood cabinets and solid wood dovetailed drawers.

The Expanded headroom is carried forward on starboard with electrical room, lower deck guest accommodations, pilothouse and owner's stateroom forward. The Owner's state room has an open split-level design that ends with his and her baths forward, centered by a sunken tub/shower.

LOWER DECK

The Lower Deck is accessible from a staircase that begins on the starboard side of the main deck and finishes in the middle of the guest space. Forward are two guest cabins each with queen beds and large bathrooms. The center area features two washer/dryers to the port and a fridge/freezer to the starboard. Aft are two guest cabins, the port with a queen size bed and the starboard with two twin beds and a Pullman berth. Both aft cabins have ensuite bathrooms. The aft portion of the lower deck is complete with 3 crew cabins, crew lounge, washer/dryer and small galley. To the starboard are two double berth cabins with a shared bathroom and one queen berth cabin with an ensuite bath on the port side. The engine room is accessible through the crew area and lies midship.

PILOT HOUSE

The raised pilot house features the latest in navigational equipment and is designed with adjustable flat screen monitors that will fold down flush to offer a wide smooth consol. The abundant seating area along the aft of the pilot house features a unique design with an adjustable chase lounge to the starboard side.

SUN DECK

The sundeck is accessible from the pilot house and from an aft staircase the leads up from the main deck. The forward section of the sundeck has a control station that is flanked on either side with generous wraparound seating. The mid section features a large Jacuzzi to the starboard and a bar to the port complete with BBQ, sink, ice maker and refrigerator. Aft of the Jacuzzi and bar lies two low sunpads. To the far aft of the sundeck sits the Tender.

HULL CONSTRUCTION

Hull mold originally developed Jack Sarin Naval Architect, Inc. subsequent structural engineering and laminate detail supplied by Naval Architect/Engineer, Al Horsmon for Crescent Custom Yachts, Inc.

Hull construction is of sandwich composite laminate, using 100% vinylester resin, with multi-axial e-glass over CORE-CELL foam core. Stiffening is designed with a matrix of composite bulkheads and longitudinal girders. Six watertight compartments are incorporated into the design including the collision bulkhead forward. Structural design based upon American Bureau of Shipping "1990 Guide for Building and Classing Motor Pleasure Yachts."

Through Hull penetrations are locally reinforced and at the penetrated area the core margin is closed off by solid laminate. Through-hull fittings and mechanical fastenings are bedded and sealed with polyurethane adhesive/sealant, 3M-5200.

Limbers - framing members (except watertight bulkheads) incorporate limber holes for free drainage to the bilge sumps. Limber holes shall be lined with FRP laminate. Limber holes arranged to limit bilge water accumulating in isolated pockets.

Deck/House - The Deck/House/Pilothouse/Bulkhead structure are designed and constructed to be as lightweight as possible consistent with the required scantlings. Decks, primary structural bulkheads, house sides and house tops laminated with e-glass roving (woven and/or knit) and mat with integral FRP stiffeners.

Deck/House core is cross-linked PVC (DIVINYCEL) and linear polymer foam (CORE-CELL.) Through-deck and through-house penetrations are locally reinforced and penetrated the core is closed off by solid lamination. Through-laminate mechanical fittings and all fastenings be bedded and sealed with polyurethane adhesive/sealant, 3M-5200 or equal.

Non-Structural Laminates - Exterior laminates which are not related to the basic structures, such as soffits, deck coamings, bulwark liners, and styling features laminated of FRP skins over core.

Finishes - Exposed surfaces hull, decks and superstructure faired and painted with epoxy and linear polyurethane (IMRON or equiv.) Underwater surfaces of the hull bottom receive epoxy barrier coat and three coats bottom paint (INTERLUX or equiv.)

Sound Insulation - All accommodation surfaces (hull, deck, and superstructure) are insulated for sound and thermal transmission by 1" thick foam with vinyl cover layer. Carpeted floors with 3/8" sound deadening, loaded under-pad in addition to carpet underlay. Main engines mounted with CATERPILLAR supply vibration/isolation pads. Generators equipped with NORTHERN LIGHTS sound enclosures. Generators are double isolated with factory electro-hydrostatic mounts. Engine room is isolated from the remainder of the vessel by soundproofing using multi-layer sound blanket insulation covered with white composite FRP panels. Engine room air trunks per same schedule.

FEATURES

General Features

Exterior Rails - 2.375" diameter polished rails 316SS removable hoop rails at boat deck and swimstep.

Exterior Deck Surface-All exterior walking decks and stair tread surfaces covered with teak decking.

Windshield Wiper/Washer System-5 pane wipers (IMTRA-EXALTO or equiv.) Single station control in pilothouse and 5 pane freshwater washers.

Windows-Frameless bonded windows, tempered glass w/grey tint. Size thickness as required per classification society.

Portlights-PACIFIC COAST MARINE 316SS in FRP integral recess.

Boarding Stairs-NAUTICAL STRUCTURES port and stbd transversely recessed gangplanks extend from hullside pockets amidships. 160° swing forward and aft on dock.

Freeing Ports - Freeing ports located above the maindeck as required by classification society.

Exterior Passage Doors

Side Deckhouse Port and Starboard- Freeman camming weathertight dual axis, slider full glass w/sidelight.

Aft Deckhouse- Freeman weathertight curved salon aft door, slider full glass w/twin sidelights.

Door is electric operation, programmable, with inflating bladder seal.

Flying Bridge- Freeman weathertight horizontal sliding door with full glass

Transom- PacificCoast aluminum watertight dogged pantograph door.

Aft deck to crew- PacificCoast aluminum weathertight door with dogs.

Note: Doors to be factory painted white.

Hatches

Foredeck – Freeman aluminum watertight flush hatch w/hidden hinge, teak covered.

Sidedeck – Freeman aluminum watertight flush hatch w/hidden hinge, teak covered.

Swimstep – PacificCoast aluminum watertight flush hatch w/hidden hinge, teak covered.

Flybridge Windscreen - 0.75" acrylic

Radar Arch & Hardtop - Arch mast multi-level to accommodate all electronics and antennas. Molded fiberglass painted to match.

Aft Deck Overhead - Satin painted white with molded and applied design details.

Side Deck Boarding Gates - FRP Fabrication, (2) bulwark door's P/S hinged with SS butt hinges.

Cap Rails - Molded FRP fabrication with painted finish.

Hull Side Rub Rails

FRP molded and glassed to hull

Sheer, mid guard capped with 1.50" SS half oval.

Lower guard capped with 2.00" SS half oval

Engine Beds - Aluminum weldment over FRP hull stringers.

Engine Room Flooring - Gel coat finish, molded composite FRP diamond tread.

Limber Holes - 1 _" FRP tubing sealed to laminate through the vessel structural longitudinal frames.

Bilges

5 x "Rule" 3700 bilge pumps located vessel to drain each watertight subdivision. All of the vessels bilges will be coated with isophalic gel coat. All bilges suitably lit.

Anchor Locker - Sprayed with isophalic gel coat (grey) self draining through 1" FRP pipe with clamshell cover.

Thru-Hulls - Flanged FRP standpipes at integrally bonded to vessel.

Sea Chests

2 x FRP (Engine Room) chests. Each chest is designed to have necessary capacity to operate cooling functions associated with complete systems. The top of each sea chest is 1.25" acrylic plate. Sea chest strainers are non-corrosive 316SS screens.

Piping System Materials

Fresh water-"AQUA PEX" certified tubing.

Black Water- PVC SCH.40

Grey Water- PVC SCH.40 runs & ABS piping

Chiller Mains- _" insulated 2" to 1" copper (1-3/4" "PEX" used when required)

Fuel- "Parker" 221 FR USCG rated fuel hose & 1" SS SCH.40 pipe.

Hydraulics- High pressure lines "Parker" #772TC rated at 4000 PSI.

Fire Suppression System- SS SCH. 40 2" pipe.

Bilge Suction Emergency Line- SS SCH. 40 2" pipe.

Bow Thruster - "American Bow Thruster" hydraulically driven, rated @ 57 hp. With 16" diameter.
(3 station locations)

Stabilizer

TRAC Zero-Speed by American Bow Thruster model #440 Stabilizer units w/16sq. ft., reverse-lock, main touch screen controls in pilothouse and on flybridge.

Propellers - 2 x five blade, manufactured by Michigan, CX 500 NIBRAL

Shafts - 4" Diameter Aquamet 22HS or equiv

Shaft Logs & Packing Glands

Shaft logs are one piece FRP construction each equipped with dripless, water lubricated, shaft seals inboard and underwater cutlass bearings with cooling water pick-up.

Struts - Constructed of welded 316 SS

Rudders - Each having 11 (approx.) sq. ft. area.

Rudder Stock - Aquamet 22HS or equiv 5" Diameter

Main Engine Mounts - CATERPILLER supply rubber engine mounts.

Generator Mounts - Hydro Elastic mounts supplied by engine manufacturer.

Main Engine Exhaust

Marine exhaust muffled underwater exhaust system directed through the hull bottom with a transom by-pass.

Generator Exhaust - Northern Lights combo waterlift muffler and water bypass shedder.

Zinc Anodes - Zinc anodes located on shafts and transom.

Bonding - Main Strap: 1" X 1/8" copper bar

Fills & Vents

Fills: Fuel: (2 P/S) 2" recessed in deckhouse side

Water: (1) 1" deck fill & (1) dock fill

New Oil: (1) 1" fill

Gasoline: (1) 1" fill

Vents: Fuel (5) 2"

FW (1) 2"

GW (3) 2"

BW (1) 2"

DOCKING/ANCHORAGE

Fenders - 6 x "Megafend" 24"X 72" fenders

Docking Lines - 4 x 40'; 2 x 60'; 2 x 20' Nylon braid lines with spliced eye's

Boat Hook - 1 x 8-12ft. Boat Hook

Boarding Gangways – Nautical Structures integrally mounted P&S

Anchoring System (Windlass) Warping Winches

2 x Maxwell 6000 lbs. Vertical capstan windlass (hydraulic).

2 x Davis HHP 450lbs Anchors Stainless Steel in Port/Starboard fabricated stainless steel anchor pockets.

SS Bollards

Bollards; Forward and aft (2) port & (2) starboard

Bollards: (2) at swimstep warping winches P/S.

SS Hawes Rings - Fore Deck: (2) Aft Deck (2) Port & Starboard

ELECTRICAL SYSTEM

Wiring - 120/208 VAC three phase & 24 volt DC shop's services power wiring to be marine grade standard wire. Wire and cable runs to be fully supported and neatly arranged. All wiring and cables passing through watertight bulkheads will maintain watertight integrity. Where required, conduits to be routed through FRP pipe and cable trays.

120/208 Volt System (three phase)

24 Volt DC System - Ships DC systems, emergency lighting, selected electronics, navigation equipment, and Trace (or equiv.) inverters are supplied by the "house bank".

The main engines and generators are started from two "start" battery banks. One bank will serve port generator and port engine. Second bank will serve starboard generator and starboard engine.

12 volt DC System- Selected electronics & navigation instruments via 24 volt to 12 volt converter.

Shore Power System - Atlas 75 KVA shore power system.

Distribution Panels - AC sub panel distribution: Square D breaker panels. DC distribution: Atlas custom manufactured.

Shore Power Connections

100 Amp Power Connections: (4) Hard Connections (2 port & 2 Stbd.) All shore power cords and equipment shall be North American standard 120/208 VAC type as selected by CCY.

Cable TV: (1) located port & (1) located starboard

Telephone: (2) located port & (2) located starboard

Power Cords

4 x Glendinning power reels – 2 fwd, 2 aft

4 x 100' 100 amp cords (3 phase)

1 x 100' telephone cable

1 x 100' TV cable

All shore power cords and equipment shall be North American standard 120/208 VAC type.

Batteries

House: 12x2 volt cells for 24 volts total

Starboard: 2x12 volt 8D gel batteries for 24 volt total

Port Starting: 2x12 volt gel type batteries for 24 volt total

Emergency Radio: 1x12 volt type 27- gel battery

Battery Changing (inverters/charging)

House: 2 x Trace Inverter/Chargers SW 4024

Port/Starboard Starting: 1 x Newmar triple output 3 stage charge process charger model # PT-24-20

Emergency Radio: 1 x Statpower 10i battery charger

Computer WIFI - Wireless Networking 3 zones

Ship's Monitoring/ Status

Krill Electronics 56 point mixed analog and digital system for the monitoring of key systems and tankage. A graphic display panel with LED indicators is located in the Pilot House as well as LCD touch screen displays in the Engine Room and Crew Area.

Engine Alarms and Indicators – Krill/Caterpillar Electronic Control

Tanks Monitoring - Krill Electronics (or equiv.)

Security Alarm - Ademco Vista Model #20SECN (or equiv.)

Fire Alarm System

UL listed commercial fire alarm panel by Mircom (or equiv.) with pull stations in the Pilot House and Crew Areas and smoke detectors and/or heat detectors in each room/area of the boat.

Telephone/Intercom -

MECHANICAL EQUIPMENT

Main Engines - 2 x CATERPILLER C32 ACCERT- 1925 MHP @ 2300RPM (each) Color: White

Engine Controls – 4 x stations located on flybridge center console, P/S wing stations, & pilothouse.

Generators – 2 x Northern Lights rated @ 65 KW (each). Three phase 120/208 VAC @ 1800RPM. Includes Northern Lights ventilated removable sound shields.

Transmissions – ZF 3055 2.5:1 Reduction

Fuel Transfer Pump – 2 x 40gph plus prime pump

Fuel Transfer Manifold - SS Ball valves on welded manifold

Oil Transfer Pump – 2 x “oberdorfer” (or equiv.) Pumps for new and old oil (oil change)

Hydraulic System

Main hydraulic system consists of (2) main engine driven hydraulic pumps on transmission. This system provides hydraulics for the vessels bow, anchor winches, davit, stern warping winches, stabilizer, and the hydraulically driven emergency bilge/fire pump. The system includes an electrically driven back-up pump.

Steering System

A three tier system combining a dual station autopilot, a full follow-up steering pilothouse station and four station jog (non follow up) stations. Steering pressure is provided by a dual pump (A.C. & D.C) hydraulic power unit Kobelt (or equiv.)

Fuel Coalescer

3 x Coalescers; model #”Racor” #FBO-14 connected in parallel each with a capability of 30 gpm each.

Fuel Filters - Racor (or equiv.)

Water Maker System – 1 x Sea Recovery “CoralSea” Watermaker providing 2000 Gallons per day.

Fire Suppression System

FM200 Manually activated with release pulls located in the crew area. Auto release via E/R heat detector.

Fire Bilge Control Station

Application is provided with both and A.C. motor driven pump and a hydraulically driven pump. Manifold controls make it possible to use either pump as fire or bilge pump simultaneously.

Fire/Bilge Pumps

5hp. Electric/ (1) MP1 5hp. Hydraulic, with hydrants (2) located on deck. (5) bilge suctions located

Air Conditioning System

DOMETIC chilled water, reverse cycle system, (17) zones, with 20 ton capacity. (4) Compressors located in E/R. System equipped with soft starts when coming online. (2) 200 CFM make-up air handler providing fresh air to vessel (located on flybridge)

Air Conditioning Control Panels - DOMETIC or equiv system supplied control panels.

Air Compressor

Silent Aire model#100/24 120 PSI (or equiv.), dual silent compressors w/ 5 gal. accumulator tank located in E/R. (3) Air supply outlets, located in engine room, Fore Deck Trunk Locker, and flybridge. Includes (1) 25' air hose. (1) additional 20 Gal tank located on flybridge for horn.

E/R Air Intakes & Blowers

Delta T (or equiv.) application using (2) 21'' intake blower units with variable frequency drives controlled by engine speed. The system incorporates a four speed manual control and an automatic variable speed control for unattended cool-down.

Recovery Tanks – 2 x CRS 300 Coolant Recovery System Reservoirs

Vacuum System - Drainvac w/ hepa Filter

Tool Box - “Snap-On” model #KRA4820A located in crew utility.

Fresh Water System

Fresh Water Pumps - 2 x Headhunter Mach 5 (or equiv.) 208 V 20 GPM max. UV filter in line with system. Fresh Water Hose Bibs – 4 x Hot/ 4 x Cold; Chrome plated taps, located; engine room, bow, boat deck, aft deck.

Swim Shower - Located on the swimstep (exact location TBD)

Wash Down Hose – 2 x 50' hose with spray nozzle.

Black Water System

Owner/Guest Toilets – 5 x Headhunter Royal Flush-gravity fed to mid ship holding tank.

Crew Toilets – 2 x Headhunter Royal Flush- gravity fed to crew holding tank which is bated fed to midship holding tank.

Suction Pump (Overboard Pump Out) - “Edson” # ELB120

Dockside Connection - Connection for dockside suction on port side aft deck.

Grey Water System

Mid Ship Sump Pump – 2 x “Rule” 3700 pump. Serving grey water system forward of the Engine Room. (upper & lower decks)

AFT Crew Sump Pump - "Rule" 3700 pump. Serving grey water system aft of the Engine Room. (upper & lower decks)

Grey Water Drainage - All Sinks, showers, and air handlers, with the exception of the galley, aft deck and flybridge sinks, drain into (2) separate gray water sumps. The galley sink, flybridge and aft deck bar sinks drain directly overboard.

Air Conditioning System

Air Conditioning System - Cuisair MCW1925RCN 4 stage 16 ton chiller horizontal chassis.

Exterior Deck Drains

Exterior Deck Drains - 2" SCH. 40 PVC piping with drains to be placed for sufficient drainage of flybridge, boat deck, and aft deck. Each drain is covered with SS CCY embossed stain plates.

DECK EQUIPMENT

Boat Deck

Davit - Nautical Structures (or equiv.) 2500 lb capacity, 270 degree power rotation, w/ handheld control unit.
Tender/Water Toys - After sale owner supplied
Tender/Water Toys Lifting/ Tie Downs - After sale owner supplied
Deck Points (tie down) - SS plate points fastened to the deck in grid pattern.
Chocks (tender) - After sale owner supplied
Hot Tub - Acrylic six person unit TBD
BBQ - Viking BBQ model VGBQ300-2RT (or equiv.)
Sink - Kohler (or equiv.) TBD
Faucet/Lav. Set - Kohler (or equiv.) TBD
Storage - Under sun pad, port side bar cabinets.

Flybridge

Helm Chairs - 2 x Stidd (or equiv.) TBD
Settee - 2 x Custom FRP application w/ custom storage.
Dining Table - 2 x Wood top w/ custom table base.
Flybridge Door - SS/ Glass weathertight locking single sliding door.
Storage - Under Settee P/S, wing station

AFT Deck

Aft Settee & Table - FRP settee with teak table top & SS/teak fixed base.
Bar - FRP application with Corian (or equiv.) solid surface. Built to accommodate icemaker, fridge and sink.
Sink - Corian (or equiv.)
Faucet/ Lav. Set - Kohler (or equiv.) TBD
Icemaker - "Uline" model #B12015 (or equiv.)
Fridge - "Uline" model #75R (or equiv.)
Storage - Starboard storage in bar cabinets, under settee, port bulwarks locker.
Fire Hydrant - 1 x Fire Hydrant w/ remote start/stop (two total located throughout vessel) c/w 1" 50ft. fire hose.

Fore Deck
Windlass Pads
Bosuns Locker access from centerline hatch

SAFETY AND FIRE PROTECTION

Life Rafts	2 x 10-man Viking or equiv.
Life Rings	2 x 30" Life Rings
Life Jackets	19 x Adult USCG approved; 4 x Child USCG approved life jackets.
Medical Kit	Zee model #166 (or equiv.)
Ship's Horn	Kahlenberg T2 model, chrome plated, low profile triple air horn.
Epirb	1 x ACR Sat 2 406 Mhz. (or equiv.) w/hydrostatic release
Flares	6 xUSCG approved hand held flares/ 6 x parachute flares
Fog Horn	1 x Falcon (or equiv.) hand held air horn
Fire Exting	11 x 5lb ABC (or equiv.) fire extinguishers for each crew and guest accommodation 1 x 15lb Co2 extinguisher for engine room (includes mounting brackets)
Nav. Lights	LOPOLIGHT or equiv LED
Search Light	

APPLIANCES

Main Galley:

- Sub Zero 48" side-by-side
- Wolfe 30" wall oven
- Wolfe 36" induction cook top
- LG microwave hood
- ASKO 24" dishwasher
- Sub Zero 24" under counter wine storage
- Franke faucet
- Viking 18" trash compactor

Lower Utilities:

- 2 Sets LG front load washers dryers
- Sub Zero drawer freezer
- Sub Zero 24" wine cooler

Aft Deck:

- Sub-Zero 24" undercounter refrigerator

Sun Deck:

- Sub Zero 24" undercounter refrigerator
- Sub Zero 24" undercounter refrigerator/ice maker
- Wolfe 36" BBQ with rotisserie

Crew Mess:

- Sub Zero 24" undercounter fridge/freezer combo
- Asko stack washer dryer

AUDIO AND VISUAL EQUIPMENT

Fly Bridge

2 x Speakercraft CRS8Three Speakers

Fly Bridge Forward

2 x Speakercraft CRS8Three Speakers

Pilot House

2 x Speakercraft CRS8Three Speakers

Aft Deck

2 x Speakercraft CRS8Three Speakers

Salon

63" Samsung 3D Plasma Television

10" Martin Logan Dynamo Subwoofer

4 x Speakercraft CRS8Three ASM86630 Speakers

2 x Vienna Acoustic wall mount speaker with silk tweeter and woofers

Salon LEC

Denon DVD-1940 CIBLA Single disc player

Sonance IPort FS-3 on-desk ipod dock with IR control capability

Electrical Room (Cave)

B&K AVR507, dolby digital THX EX dual-zone AV receiver

2 x B&K CT600, 12 channel, 6 zone receiver with internal am/fm tuner

Denon AVR-2802C1 a/v receiver with dolby digital surround EX hdmi

DirectTV DTVD10 basic directv tuner, dedicated music

DirectTV DTVD10 basic directv tuner, galley receiver

DirectTV DTVHDVR21, Direct TV hddvr, Master stateroom

DirectTV DTVHDVR21, Direct TV hddvr, Salon receiver

Speakercraft IRE-3.0, single IR emitter

2x Speakercraft SAC1.0, IR combiner

Zinwell WB616 satellite multiswitch

Galley

Samsung 23" HD LCD TV

2 x Speakercraft CRS8Three ASM86630 Speakers

Master Stateroom

42" Pioneer Elite plasma television

Customer Supplied TV Lift, INCA Lift

Definitive Tech. SupercubeIII Ultra Compact sub

5 x Speakercraft CRS8Three ASM86630 Speakers

Master StateroomLEC

Denon Ipod dock for denon receiver

Denon DVD player, single disk

2 x Speakercraft IRE-3.0

Crew Settee

Denon DVD-1740, DVD player
DirecTV DTVHDVR21, Direct TV hddvr
2 x GEFEN EXT-COMPAUD-143 audio distribution amplifier
19" Samsung LCD HDTV
2 x Speakercraft CRSTWO speaker with silk tweeter and woofer
1 x Speakercraft IRC-1.1 Mini receiver

Crew Berth 1 & 2

1 X fold down TV/DVD player at each berth

Captain's Quarters

19" Samsung LCD HDTV
Denon DVD-1740, DVD player
DirecTV DTVHDVR21, Direct TV hddvr, Captain's quarters receiver
2 x Speakercraft CRSTWO speaker with silk tweeter and woofer

Dining Area

2 x Speakercraft CRS8Three ASM86630 Speakers

Starboard Aft Stateroom

22" Samsung LCD HDTV with atsc tuner
Denon DVD-1740, DVD player
DirecTV DTVHDVR21, Direct TV hddvr
2 x Speakercraft CRSTWO speaker with silk tweeter and woofer

Port Aft Stateroom

22" Samsung LCD HDTV with atsc tuner
Denon DVD-1740, DVD player
DirecTV DTVHDVR21, Direct TV hddvr
2 x Speakercraft CRSTWO speaker with silk tweeter and woofer

Starboard Forward Stateroom

40" Samsung LCD HDTV
Denon DVD-1740, DVD player
DirecTV DTVHDVR21, Direct TV hddvr
2 x Speakercraft CRSTWO speaker with silk tweeter and woofer

Port Forward Stateroom

40" Samsung LCD HDTV
Denon DVD-1740, DVD player
DirecTV DTVHDVR21, Direct TV hddvr
2 x Speakercraft CRSTWO speaker with silk tweeter and woofer

NAVIGATION ELECTRONICS

FURUNO

- 1 NAVNET 3D BLACK BOX
- 1 MAXSEA CHARTING SOFTWARE
- 1 DRS 12A RADAR
- 1 NAVNET DFFI SOUNDER BOX
- 1 NAVNET TRANSDUCER
- 1 FAR 2117 BB RADAR
- 1 SIX FOOT SWEEP ANTENNA
- 1 SC60 SATELLITE COMPASS
- 1 HUB 101 NETWORK HUB
- 1 GP 150D GPS
- 1 FI 501 WIND DISPLAY
- 1 FI 5001 WIND MASTHEAD TRANSDUCER
- 1 FI 5002 J BOX
- 3 FI 503 MULTI DISPLAYS
- 1 TRANSDUCER
- 1 FELCOM 16 SSAS
- 1 NX 300 NAVTEX
- 1 FAX 30 WEATHER FAX
- 1 FA 150 AIS

HATTELAND

- 4 23 inch MONITOR
- 3 15 inch MONITOR

SIMRAD

- 1 AP50 AUTOPILOT
- 1 AP50 SECOND STATION
- 1 RC25 FLUXGATE COMPASS
- 1 NI300X NMEA INTERFACE BOX

ICOM

- 1 M802 SINGLE SIDEBAND RADIO
- 1 AT140 TUNER
- 2 M604 VHF
- 1 M304 VHF
- 1 RAM MICROPHONE 1
- 1 RAM MICROPHONE 2

HARTER

- 2 HORNS

DIGITAL

- 2 VHF ANTENNA 16 FOOT
- 1 SSB ANTENNA 16 FOOT
- 1 AIS ANTENNA 8 FOOT
- 1 VHF ANTENNA 8 FOOT
- 1 CELL ANTENNA 4 FOOT

TELULAR

- 1 5X7T BLACKBOX CELL PHONE

KVH
1 M-9 SATELLITE TV DISH
1 FB500 SATELLITE TELEPHONE
WAVE
1 EC-X WIFI
DISH
15 211K SATELLITE RECEIVER
FLIR
1 NAVIGATOR II THERMAL CAMERA
1 SECOND STATION
ELBEX
1 EXS-128 CAMERA SYSTEM CONTROLLER
2 EXC 7207 CAMERA
1 EXC 7-4 CAMERA

NOTES

Builder to furnish as-built drawings of mechanicals, electrical and plumbing systems. All purchaser's manuals, warranty cards, and product documentation will be supplied with vessel.

Dock Trials

After launch, the Builder will conduct at his expense a dock trial of sufficient duration during which all the main and auxiliary machinery shall be thoroughly tested. The dock trial will be carried out at the Builder's wharf. A scheduled list of dock trials will be provided to the Purchaser prior to commencement of said trials, which will include but not be limited to the following:

- Main Engines
- Hose testing of all windows, port lights, hatches, decks, doors, etc.
- Tender davit
- Safety equipment, including fire fighting equipment and alarms
- Steering gear
- Ventilation and heating systems
- Generators, main and emergency electrical systems
- Monitoring and alarms
- Anchoring and mooring systems
- Bilge and sanitary systems
- All deck machinery
- Radio, communications and navigation equipment
- Galley, domestic equipment and systems
- Priming, pumping tests for all pumps and piping systems
- HVAC and ventilation systems, functioning of temperature controls, air changes,
- Balancing of system, etc...

Any defects found during dock trials will be rectified by the Builder. Builder shall furnish competent personnel to obtain necessary data in machinery spaces and on deck and supply necessary additional testing gauges, thermometers and/or portable instrumentation as required. All working parts of machinery shall meet manufacturer's parameters and show no tendency to overheat.

Sea Trials

NCY to provide sufficient lube oil and fuel for the initial sea trials only. After satisfactory completion of dock trials, the Builder shall conduct sea trials of suitable length during which the operation of the vessel, including all machinery and equipment shall be examined.

ALL SPEEDS, MEASUREMENTS, CAPACITIES, CONSUMPTIONS, ETC. MAY BE APPROXIMATE OR ESTIMATED. SPECIFICATIONS PROVIDED FOR INFORMATION ONLY. DATA WAS OBTAINED FROM SOURCES BELIEVED TO BE RELIABLE AND IS NOT GUARANTEED BY OWNER OR BROKERS. BUYER ASSUMES THE RESPONSIBILITY TO ASCERTAIN THE CORRECTNESS OF ALL DATA CONTAINED HEREIN AND OTHERWISE PROVIDED AND MUST INSTRUCT HIS AGENT AND SURVEYORS TO CONFIRM ALL DETAILS FOR ACCURACY PRIOR TO PURCHASE. SUBJECT TO PRIOR SALE, PRICE AND INVENTORY CHANGE, OR WITHDRAWAL FROM MARKET WITHOUT NOTICE.

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