



HH OCEAN 44

SERIES

Luxury Performance Cruising Catamaran

HH OC44 SPECIFICATION NOVEMBER 2021 (EXTERNAL)

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PRINCIPAL PARTICULARS

	Metric	Imperial
Length Overall	15.15 m	49.70ft
Length Hull	13.41 m	44.00ft
Length waterline	13.28 m	43.57 ft
Beam Overall	7.15 m	23.46 ft
Keel Draft	1.52 m	4.99 ft
Mast Length	19.00 m	62.33 ft
Lightships Displacement	8750 kg	19290 lb
Displacement Max Load	13500 kg	29762 lb
Hull Beam	1.48 m	4.86 ft

Sail Areas		
Main Sail	74.2 m ²	799ft ²
Overlapping Solent	51.1m ²	550 ft ²

(Optional sails)		
J1 light air upwind sail	62.1 m ²	668.40 ft ²
Fractional Reacher	109.7 m ²	1181.00 ft ²
Self-tacking Staysail	26.7 m ²	287.00 ft ²
Furling Gennaker	148.9 m ²	1603.00 ft ²

Engines	2x Beta 30
Batteries	AGM
Speed under Engine	8.5 knots
Cruising Range at 7 knots	628 Nm
Naval Architecture	Hudson Yacht & Marine Ltd.
Exterior Styling	Hudson Yacht & Marine Ltd.
Interior Design	Hudson Yacht & Marine Ltd.
Performance Analysis	KND Sailing Performance
Classification	CE Category A, Module B

GENERAL NOTE

Where a particular model, type or brand of sailing, electrical, mechanical, audio-visual, IT, or lighting system, unit or appliance has been specified in this Specification, the model supplied shall be the latest model available at the time of order.

HIGHLIGHTS

The HH OC44 includes all the features that the HH Ocean series represents, excellent sailing performance, strong robust construction using substantial carbon fiber reinforcements, exquisite interior finish and detailing and the very best marine equipment, at a lower price point than her HH44 cousin. The fundamental difference between the OC44 and the HH44 are the very special cruising keels. These are designed for minimal and can have hydrodynamic winglets similar to the famous 12m Americas Cup keels. It is these winglets that provide incredible “traction” when sailing upwind, so you sail higher than with conventional keels

The OC44 was conceived from the ground up to work with a parallel hybrid system which is an optional upgrade for the OC44. The helm has been positioned in the aft port corner which has opened up the cabin top for up to 3.2kW of solar panels (+0.5kW mounted on davits) to compliment the hybrid. The OC44's Parallel Hybrid system provides all the benefits of an electric boat, silent fume free motoring, instant torque for maneuvering and hydro-regeneration while sailing, with the reliability of a trusty diesel engine. The hydro-regeneration combined with the possibility of huge solar and excellent sailing performance in all wind strengths give the OC44 essentially infinite range.

The parallel hybrid system can operate in several different modes

1. Standard mode – operate the diesel engines with the hybrid system disengaged, just as you would on a traditional yacht.
2. Engine mode – operate the diesel engines as you usually would, with all extra horsepower being pulled off the engines and used to charge the large battery bank.
3. Generator mode – Disengage the clutch in the prop shaft and turn the two diesel engines into two 5kW DC generators.
4. Silent mode – Disengage the electric motors from the diesel engines and use the electric motors to provide 10kW of silent propulsion power per shaft (20kW total)
5. Hydro Regen mode – while sailing, disengage the electric motors from the diesel engines, open the folding propeller and allow it to free-spin, this turns the shafts and the electric motors generating electricity for free! Regen mode is greatly enhanced by the fast-sailing speeds of the OC44.

All deck hatches are mounted flush, lines lead underdeck to control stations. A continuous unbroken toe rail running the length of the deck with mooring equipment, padeyes, stanchions and deck fills mounted on top, all this gives completely clean unobstructed side decks.

Large sliding door in aft cockpit and mullion less opening window to connect indoor and outdoor spaces.

Both large flat forward windows open completely for ventilation and to increase one's connection with the ocean while relaxing in the generously sized (17.4m²) salon.

Safety being paramount, with a completely enclosed aft cockpit to live and operate the boat from and clean uncluttered side decks the boat is more child and pet friendly. A clean aft beam, with davit winches hidden below and the mainsheet traveler on the cabin top creates a safer aft cockpit with an uninterrupted view aft.

Not only do the transom platforms increase the safety of the OC44, but the platforms also when lowered provide additional living space and an easy connection with the ocean when at anchor. The Parallel Hybrid system also contributes to the enhanced safety of the OC44, offering complete redundancy of dual propulsion systems in each hull. Comfort has been enhanced by being first HH Ocean series cat to come with the best quality soft EVA foam decking as standard.

Aft helm rotates in/out for protection/visibility/sailing experience. A Flip down helm seat, out of the way for everyday living and there when you need it. Hoisting and reefing the main, furling sails, trimming the sheets, is all done from the aft control stations.

Every line and curve of the boat has been carefully considered and executed to create a truly beautiful 44ft catamaran. All these features and more we believe creates a perfect performance cruising catamaran which we are proud to say is the best in the world.

GENERAL ARRANGEMENT

- 1) Single helm station on port side
- 2) All sail control lines from the mast lead to aft control stations.
- 3) Exceptionally large and spacious salon for a 44 ft catamaran
- 4) Single panel salon sliding door. Salon aft windows swing open. No mullion between door and window when open.
- 5) Dedicated forward facing navigation station
- 6) Standard boat layout has queen berth aft and double berth forward in port hull, starboard hull is dedicated owner's suite including drawers, full height wardrobes, dedicated head and shower
- 7) Transom's fold down to effectively extend the yacht from 44ft to 48ft when at anchor.

CONSTRUCTION

- 8) Designed and structurally engineered to exceed strict CE & ISO regulations
- 9) Hull & appendages designed using advanced computational fluid dynamics by KND sailing performance.
- 10) Female molded hull & deck construction. All molds are built using our in-house 18m 5 axis CNC router for dimensional accuracy to within +/-1.0mm
- 11) White Gelcoat hull finish.
- 12) White Gelcoat deck finish.
- 13) Hull Deck plating, Epoxy infused E-glass sandwich construction. Barrier outside skin in vinylester; anti-osmotic barrier. Extensive use of carbon fiber reinforcement.
- 14) Composite sandwich construction, post-cured in oven, for maximum strength
- 15) Hull bottom and topsides, the highest possible quality structural foam used, Gurit M-Foam.
- 16) Deck sandwich laminates use Gurit PVC core foam.
- 17) All structural bulkheads epoxy infused carbon fiber with PVC core. Highly loaded areas reinforced with additional carbon fiber.
- 18) Non-structural partitions and sole floors, e-glass & PVC epoxy Infused
- 19) Head modules constructed with infused carbon fiber and e-glass over gelcoat
- 20) Carbon fiber longitudinal stringers and ring frame.
- 21) Carbon fiber integrated chain plates.
- 22) Transom door construction, carbon fiber, lightweight for ease of use.
- 23) Aft bunk tops (engine access panels) constructed of e-glass, flame retardant resin and PET foam core.
- 24) Sacrificial 'false' solid foam bow in case of impact. Watertight bulkhead separates sail lockers from interior and additional watertight floors in sail lockers for further collision protection
- 25) Full bulkheads to seal off bow and stern compartments
- 26) All interior furniture is constructed from ultralight PVC core panels manufactured in-house.

APPENDAGES

- 27) E-glass spade rudders with aluminum stocks, fitted inside Self aligning watertight bearings.
- 28) Mini keels built from computer cut molds built in E-glass and Carbon. Keels are foam cored skins and hollow interiors for positive buoyancy.
- 29) As an optional upgrade to increase upwind VMG performance, on the bottom aft corner are CNC cut "Wings" built from solid E Glass.
- 30) Fixed symmetrical carbon dinghy davits. White Painted.
- 31) Molded carbon fiber P-bracket for prop shafts

MAST & RIGGING

MAST

- 1) Aluminum mast with tapered top section, spreaders, and double diamond arrangement. Non rotating. Silver anodized finish.
- 2) All upper end stay attachments on D tangs
- 3) Antal series T Track
- 4) 3 Reefs secured with doubling of bolt pattern of mast track and secured in backing plate
- 5) All lines exit base into under deck line tunnels.

MASTHEAD

- 6) The masthead is aluminum and welded into the spar.
- 7) One (1) 2:1 Main halyard
- 8) Top track end-stop
- 9) Antal sheave for 500kg service halyard

TOPMAST

- 10) (optional) Single sheave /2:1 purchase designed to fly all flying sails including:
 - Gennaker (optional)
 - Reacher (optional)
 - J1 jib (optional)
- 11) Lashing point for full size self-tacking jib on single line furler

HEADSTAY

- 12) Stainless Steel Tang

SPREADERS/ATTACHMENTS

- 13) One (1) sets of aluminum spreaders, aero foil shaped with reinforcing for radar and communicating equipment
- 14) Inboard end to attach to mast via through bar

LAZY JACKS

- 15) Fixed lazy-jacks through friction rings at spreader base with adjustment on the boom

MIDMAST

- 16) (optional) Sheave for Self-tacking jib sheet in pendulum style setup.
- 17) Stainless steel tang for attachment of an inner forestay.

GOOSENECK AREA

- 18) Alloy and stainless gooseneck Bracket
- 19) High compression bearings pressed into gooseneck fittings
- 20) Ferrules for Cunningham and reef-tack pull down line in gooseneck
- 21) Reef Padeye pull down bullseye to be on starboard side of mast (on mast)

LOWER MAST

- 22) Halyards exits
- 23) Backing plates for clutches/jammers
- 24) 4 nylon plastic mast-steps for boom access plus two steps at top of mast.
- 25) Access hatch

SHEAVES/THROUGH PINS

- 26) Aluminum, drop-in sheave boxes
- 27) All sheaves to be anodized alloy, with high compression composite bushings, sized to suit halyard loads
- 28) All sheaves, chafe guards and pins to be removable for service

SAIL ATTACHMENTS

- 29) Antal T track
- 30) Top and bottom track end stops
- 31) Lower end feeder gate for loading cars

MAST BASE

- 32) Electrical Exit in mast heel

MAST LIGHTING

- 33) Steaming
- 34) Anchor light

MAST WIRING

- 35) All wiring bundles to have mouse lines installed
- 36) Mast wiring inside mesh harness

INSTRUMENTS

- 37) The following equipment is mounted on formed acetyl mounts:
 - o One (1) MHU/cable and vertical wand (or equivalent) – wand to be mounted in aluminum bracket on masthead
 - o Windex
 - o VHF Antenna

FINISH

- 38) To be anodized silver.

BOOM

- 39) Aluminum boom finished same as mast
- 40) Sheave boxes for 3 reef lines lead forward
- 41) Lazy jack/ mainsail bag for main sail to drop into
- 42) Fixed mainsail clew lashed to padeye.
- 43) Anodized silver finish.
- 44) 3x automatic reefing hooks from Karver. Reefing lines and release lines lead back to port control station.

LONGERON & CROSS BEAM

- 45) HYM proprietary designed integrated one-piece longeron, crossbeam
- 46) Stainless steel hoop support for wire martingale
- 47) Split Female molded; e-glass infused with epoxy resin.
- 48) Vacuum bagged e-glass reinforcing and assembly
- 49) Nitronic 50 cross beam and longeron attachment pins.
- 50) Crossbeam and longeron are pinned through solid carbon fiber tangs integrated into carbon bulkheads for maximum strength.
- 51) Attachment points for the Jib, forestay and (optional) Reacher tack

- 52) Trampoline lashing points integrated into the cross beam and longeron structure
- 53) White gelcoat finish.

STANDING RIGGING

- 54) Dyform stainless wire headstay with furler (1) for jib
- 55) Dyform stainless wire Caps shrouds with turnbuckles.
- 56) Nitronic 50 solid rod diamonds with turnbuckles
- 57) Dyform stainless wire inner forestay, removable.
- 58) Dyneema stays from longeron tip to cross beam for trampoline.

RUNNING RIGGING

- 59) All running rigging and control lines are included
- 60) Dyneema halyards with polyester covers
- 61) Polyester core for low load sheets
- 62) Sail sheets lead to control station winches
- 63) 1x mainsheet – 4:1 led to port & starboard control stations
- 64) 1x cunningham – 2:1 led to port control station
- 65) 3x reef lines run to port control station
- 66) Self-tacking jib sheet – 2:1 led to port control station (optional)
- 67) 2x solent sheets led to aft control stations, cross-sheeted
- 68) 2x reacher sheets led forward to outboard control station winches (optional)
- 69) 2:1 Davit lines lead to electric reel winch inside aft beam. Push button operation at port control station.
- 70) Main halyard 2:1 led to port control station
- 71) Self-tacking Jib halyard 2:1 led to starboard control station (optional)
- 72) Reacher/ asymmetric halyard 2:1 led to starboard control station (optional)
- 73) Topping lift/ service halyard 1:1 led to port control station
- 74) Loops or shackles for all blocks
- 75) 1x reacher continuous furler line that can be led to either port or starboard control station winches. (optional)
- 76) 1x self-tacking jib furler line led to starboard control station winch(optional)
- 77) 1x Solent furler line led to starboard control station winch

SAILS

- 78) OC44 standard sail packages includes two sails
- 79) Standard Mainsail – 30% square top, 3 reefs, crosscut construction using durable Marblehead 11.77 Dacron. Including vinylester battens and standard M10 batten receptacles.
- 80) Overlapping Solent– Cross cut construction using Marblehead 9.77 Dacron. Includes UV to leech and foot. Head of sail lashed in place.
- 81) Many additional sails available, refer to detailed description of options list.

DECK GEAR

- 82) 2x aluminum 2 speed Lewmar55 Evo self-tailing alloy winches, one on inboard side of each control station
- 83) 2x aluminum 2 speed Lewmar50 Evo self-tailing alloy winches, one on outboard side of each control station
- 84) 8" aluminum winch handles with holders (3 total)
- 85) A single Lewmar CRW400 electric reel winches for push button davit operation, with manual backup. Single winch operates both davit lines at same speed.
- 86) Spinlock XXA & XCS clutches for control lines and halyards as needed, refer to deck layout drawing
- 87) Rope constrictor on lower mast side for main halyard, trip line led to port control station.
- 88) Karver KJC carbon cone jammers for reacher and staysail halyards on lower mast side, trip lines led to starboard control station (optional)
- 89) Antal stand-up blocks for 4:1 double ended mainsheet system led to both control stations
- 90) Solent sheeted to Antal jib car and block on Antal T track on cabin top.
- 91) Reacher sheet system consists of: 2x Antal loop blocks attached to high load padeye. (optional)
- 92) Knotless UV resistant Polyester "Feelnets" trampoline, low stretch and high comfort.
- 93) 620 mm black PU painted E-glass composite stanchions with male carbon fiber spigot stanchion bases with 2x Spectra lifelines
- 94) 2x Lewmar 10 flush deck hatches, 2 each hull, hinges aft for air scoop
- 95) 4x Lewmar 44 flush deck hatches, hinges aft for air scoop ventilation
- 96) 2x Lewmar 60 flush deck hatches for access to forward underwing locker and anchor locker.
- 97) 2x carbon fiber deck hatches for sail locker access. With stainless hatch dogs and gas struts
- 98) 2x carbon fiber flush deck hatches for access to stern compartments.
- 99) 1x Lewmar 60 low profile deck hatch surface mounted on cabin top for salon large hinges aft for air scoop ventilation of saloon
- 100) 2x CE certified BSI escape hatches, port hatch under companion way stairs, starboard hatch in guest shower.
- 101) Euro grey tinted, tempered glass salon windows and tinted tempered glass windows in hull topside
- 102) Aft salon windows and sliding door glass non-tinted to aid visibility from control station.
- 103) Structural furler on forestay, single line drum for overlapping solent
- 104) Spinlock TSR organizers at aft control stations. Antal organizer for reef trip lines and daggerboard control lines.
- 105) Antal Sheaves in custom carbon sheave boxes to lead lines from mast base to aft control stations. Anodized fairleads for small line deflections.
- 106) Antal mainsheet traveler and car system controlled by Antal LD700 auto electric line driver located on cabin top, with proximity sensor stops at track ends.
- 107) 2x Composite steps behind mast for cabin top access

DOCKING & ANCHORING

- 108) 4x pop-up 320mm silver anodized aluminum mooring cleats on toe rail.
- 109) 1x padeye amidships for mooring lines.
- 110) 4x folding padeye on transom/davit for dinghy lashing
- 111) Anchor locker in forward underwing locker, deployed from stainless steel bracket, anchor optional.
- 112) Anchor bridle padeyes on inboard hull sides Bridle Optional.
- 113) Electric windlass, Lewmar V3, inside forward underwing locker. Remote control switch hard wired into anchor locker. Chain counter optional.
- 114) Anchor windlass rocker control at port helm (chain counter optional)
- 115) 1x Rocna 33kg anchor galvanized steel. Polished stainless steel optional
- 116) Polished stainless steel chafe pads on the shear line outboard of mooring cleats and padeyes.

PROPULSION

- 117) 2x Beta 30 engines with PRM 150 gearboxes, located under aft berths (optional upgrade+ parallel hybrid 48VDC generator/motors)
- 118) Noise and heat insulated bunk tops, lift up using gas struts. Secured with stainless hatch dogs.
- 119) Steel shaft drive connected with flexible couplings.
- 120) Custom molded HH Carbon P bracket and cutlass bushing.
- 121) PYE dripless shaft seal and stern tube
- 122) 3-blade 16.5" propellers, fixed pitch.
- 123) Custom BETA engine NMEA integrated control panel at each helm. Tachometer and engine data is displayed on chart plotters over NMEA2000 network.
- 124) Water temperature and oil pressure audio alarms at helm and navigation station
- 125) Digital Engine throttle control/ gear shift.
- 126) Engine room ventilation blower, switch connected to the ignition for on/ off function with Dorade boxes on air intake and exhaust
- 127) Vetus water lock muffler and gas/water separator, Exhaust gas discharge through under wing/ chamfer panel and water below waterline with visible cooling water 'telltale' stream
- 128) Manual Oil change pump for engine oil
- 129) 2x 275 L integral fuel tanks located amidships in the port & starboard bilges
- 130) Transferring pump for fuel pumping and tank transfer.
- 131) Shut-off valve on fuel tank
- 132) Fuel tank stainless steel deck fills on each side deck
- 133) Seafire Extinguisher system in each engine room. Auto engine stop solenoid linked to extinguishing system.

STEERING

- 134) 1050 mm carbon fiber sculptured steering wheel
- 135) JEFA WP900 rotating wheel pedestal, white painted aluminum.
- 136) Rudders. See Appendages
- 137) Self-aligning PETP bearings
- 138) Ultra-low drag JEFA transmission with aluminum torque tube system for ultimate helm feel and responsiveness. No wire/ rope in system
- 139) Aluminum torque tube crossbar with 2x low play bevel boxes
- 140) 2x 5:1 reduction gearboxes to reduce load in steering system
- 141) Stainless steel emergency tiller, plugs into top of either rudder, storage racks provided sail locker on inner hull topside
- 142) Rudder upstand tube with flexible gaiter of fully seal lower ruder bearing

ELECTRICAL

- 143) Zone: Choose either USA 60 Hz or Europe/Asia 50Hz
- 144) Designed to ABYC regulation and standards/ guidelines
- 145) No solar standard. Space for installation of up to 3190watts of flexible solar panels on cabin top, plus additional 550watts of solar panels mounted on davits.
- 146) Major AC electrical equipment located in forward port underwing locker
- 147) Major DC electrical equipment and house batteries located in forward starboard underwing locker.
- 148) As standard only tinned-copper marine grade wire is used. All wire ends have print labelled covers for traceability when fault finding. All wire termination crimps are marine grade and epoxy filled for permanent security. All wires are covered with mesh chafe guard. All wires are neatly arrayed and secured
- 149) Shore power 120/ 240 VAC 32 amps plus/socket in forward anchor locker, 50ft.
- 150) Victron Cerbo GX monitoring system
- 151) Victron Touch 50, 5" touch screen located at Nav station.
- 152) 24VDC & 230VAC 50Hz (or 110V 60Hz) distribution ship wide.
- 153) BEP AC & DC switch panels located on forward side of port hull companionway.
- 154) 2 x 70A engine alternators 12v for engine start batteries
- 155) 2 x 55Ah 12V AGM engine start batteries.
- 156) Emergency parallel switch between two engine start batteries.
- 157) 2x Mastervolt Alpha 24/75 engine alternators for house batteries
- 158) House battery bank, 4x 12V AGM 160Ah arranged in 2x2 series for 24V.
- 159) 1x Victron Quattro 24/3000/70-50/50 Inverter/Charger
- 160) 1 x Victron Orion-Tr Isolated DC-DC Converter 48/12-30 (Electronics and Entertainment)
- 161) 120 V (240 V) single outlets at:
 - Galley wall (2)
 - Starboard aft salon counter (2)
 - Navigation station (1)
 - Heads one in each (2)
 - Salon under forward seating (1)
 - Each outlet in heads, galley, and aft cockpit with GFCI outlets.
 - IP65 protected socket in aft cockpit port side (1)
 - IP65 protected socket at starboard transom, ideal for electric BBQ (BBQ not supplied)
- 162) 120 V (240 V) double outlets with USB charging socket
 - Cabins one in each (3) located on storage rail at head/ side of each bed
 - Gadget charging drawer under salon settee
- 163) Double IP55 USB charging sockets, one at helm station and one at navigation station
- 164) 12V socket on aft beam, ideal for portable cooler etc.

LIGHTS

- 165) Vimar IDEA Series modular switches and outlets
- 166) LED courtesy lights in:
 - Aft cockpit
 - Transom above steps
 - Outboard helm steps

- Companion ways
- 167) Flush LED warm white spotlights in:
- Salon ceiling with dimmer switches
 - Navigation station
 - Navigation station night red light
 - Heads
 - Cabins with dimmer switches
 - Aft cockpit with dimmer switches
 - One (red) light in aft cockpit ceiling over each control station.
- 168) LED reading lights at:
- Navigation station, flexible stand (red/ white)
 - At each double berth, two Black Aluminum fold-flush reading lights(6)
- 169) LED navigation lights (All Lopo brand):
- Running lights on the longeron (red/ green)
 - Stern light on aft edge of cabin top
 - Anchor light at masthead
 - Steaming light on front face of mast
 - Illuminated Compass
- 170) Dome lights in engine bays (2), tech space (2) and transom (2) and bow locker compartments (2).
- 171) LED strip lighting:
- Under aft cockpit seating
 - Under salon settee
 - Under galley unit
 - Inside bookshelves in port and starboard aft berths
 - Inside curtain boxes in cabins and hull corridors
 - Under topside stringers in hull corridors.

ELECTRONICS

B&G TRITON ELECTRONICS PACKAGE IS OPTIONAL UPGRADE

PLUMBING & TANKS

- 172) 1x integral composite 106 gallons (400 L) water tank in the port forward underwing
- 173) Water tank stainless steel 316 filler on port side foredeck directly above tank
- 174) Hot and cold pressure water system in each hull
- 175) Hot and cold pressure shower in starboard transom
- 176) 1x Isotherm 10.5 gallons (40 L) hot water heater 220 V/ 750 W and engine transfer heating, in port & starboard hulls under aft berths.
- 177) 1x displacement pump for steady pressure, less pump wear. Headhunter X-Caliber with 10 gals/ min pressure rating.
- 178) 8 L freshwater accumulator tank to reduce pump cycles, less pump wear
- 179) Electronic NMEA 2000 gauges for water tank, waste tank, and fuel tank
- 180) Electric bilge pump system in each hull. 6x Whale Orca pumps
- 181) Portable emergency manual bilge pump
- 182) Vetus odor resistant black water hose
- 183) Vetus grey water and sea water flexible hose
- 184) Vetus flexible fuel hoses
- 185) Seatech rigid plastic freshwater pipe, hot/ cold water, color coded red/ blue piping
- 186) All flush mounted MARELON composite thru-hull fittings below waterline
- 187) All plumbing hoses are double clamped below waterline
- 188) Deck pump-out ports for removal of black water
- 189) 2x composite black water tank, 60 L in port & starboard heads
- 190) Hull Grey water is collected in Whale 8.5 L sump tanks and automatically discharged by electric pump; galley grey water discharged through underwing.
- 191) Socket for deck wash located in port transom and anchor locker. 1x coiled deck wash hose and nozzle.
- 192) Water maker to be located in port forward sail locker (optional)

VENTILATION

- 193) Manual blinds for all flush deck hatches, includes flyscreen.
- 194) Manual blinds for saloon windows
- 195) Pleated blackout blinds on all cabin windows
- 196) Lewmar opening port lights in hull topside windows, 4 total.
- 197) Lewmar opening port lights in inner bow, 2 total. For forward cabin and owner shower.
- 198) Forward salon windows open for ventilation while at anchor.
- 199) 2x Lewmar opening port lights behind mast for salon ventilation
- 200) Lewmar Opening ports behind each aft berth. 2 total.
- 201) 1x low profile Lewmar 60 hatches in salon ceiling with blind
- 202) Lewmar hatches above port head and shower for ventilation
- 203) Engine room ventilation with 24 V electric blowers, auto start with engines through Vetus vent grills.

INTERIOR FITOUT

FINISHES

- 204) Hull white Gelcoat finish.
- 205) White gelcoat decks and aft cockpit, Grey EVA foam grippy decking material applied on top as standard.
- 206) white gloss finish davits
- 207) Vinyl window mullions in salon, for vinyl color see OC44 Color selection document.
- 208) Epoxy primer coat finish on hull bottoms, keels and rudders ready for antifouling
- 209) White gloss gelcoat on some bulkheads & interior hull & head areas
- 210) White synthetic leather ceiling surfaces, using 'whisperwall' system and liner panels.
- 211) Marine grade synthetic leather liner on interior hull surfaces, white color
- 212) Rolled grey epoxy barrier paint in bilges and white in lockers
- 213) Exterior storage lockers: composite surfaces sealed with rolled white epoxy paint.
- 214) Ring frames and stringers finished in gelcoat where visible in accommodation spaces.
- 215) Interior doors, core sandwich panels, Formica type finish, oak, teak, or walnut solid wood door frames.
- 216) Multiple choices of different hard laminate Formica type finishes for interior joinery, for wood choices refer to OC44 color selection document.
- 217) All Airconditioning grills in furniture, solid wood
- 218) Durable marine grade Amtico synthetic flooring with the appearance of real wood, refer to OC44 color selection document for material choices.
- 219) Rolled white epoxy paint inside some cabinetry
- 220) Drawer bottoms lined with hard laminate
- 221) Tables are real wood veneer with solid wood edges. For wood color choices refer to OC44 color selection document.

- 222) Galley counters finished in Modified Acrylic Corian type (KKR) solid surfaces, multiple colors available, refer to OC44 color selection document.
- 223) Head counters and sinks finished in white gelcoat
- 224) Head & shower walls white gelcoat finish
- 225) Hull window borders white finish
- 226) Interior seating upholstery, multiple choices of different marine grade synthetic leathers "Sileather" or Sunbrella, refer to OC44 color selection document.
- 227) 2x Seating stools, wrapped in chosen seating upholstery fabric. Lift up lid with storage inside.

HELM STATION & TRANSOMS

- 228) Single helm station to port.
- 229) Helm console, Black Paint finish.
- 230) Helm pedestal rotates inboard for shade/shelter and outboard for optimum visibility and helming experience.
- 231) Single person flip down help seat. Marine grade fabric wrapped 3" reticulate open cell foam cushions stowed under cockpit seating.
- 232) 1050 mm custom carbon steering wheel at helm
- 233) Space for 2x electric winches (see deck gear)
- 234) 3x winch handles and pockets.
- 235) Anchor windlass control at helm
- 236) Engine start/stop controls at each helm
- 237) Space for up to a 12" chart plotter on helm console.
- 238) Digital dual throttle controls at helm
- 239) Rope bins located under aft end of cockpit settees. Settee lid and cushion hinges inboard.
- 240) Helm area protected from sea by folding transom platform.
- 241) Transom platform operated by simple manual purchase system.
- 242) Stainless steel swim ladder integrated into starboard transom platform, deployable from the water. 2nd swim ladder optional.
- 243) 2x fishing rod/ flagpole holders in the inner aft transom walls

AFT COCKPIT AREA

- 244) Storage lockers in settees
- 245) Rope bins under aft end of port/starboard settees.
- 246) Fixed height table matching salon table finish and style (lifting/folding optional)
- 247) Grey EVA foam decking material. caulked teak cockpit floor available as an option
- 248) Single panel sliding glass door in black powder coated aluminum frame
- 249) Framed windows in cabin back windows open aft, gas strut support.
- 250) Outdoor hot/ cold water shower at starboard transom
- 251) Teak drain grate behind saloon door

SALON

- 252) Formica type wood like hard laminate surfaces for composite furniture
- 253) Fixed height table, gloss wood veneer top and edging finish (lifting and folding, optional)
- 254) Navigation/ communication station on port side; wood laminate panel which instruments & electronics are mounted into.
- 255) Ceiling covering to be stretched synthetic leather "whisperwall"
- 256) settee with synthetic leather wrapped 5" sculptured reticulate open cell foam cushions
- 257) 2x storage drawer under salon settee.
- 258) 2x HH manufactured sitting stools. These have removable lids and additional storage inside. The two stools are intended for use at inside or outside dining table, one stool is also used as a navigation chair when required. All come with grippy rubber bases to stop them sliding.

259) Pleated fabric blinds on inside of salon windows for sun protection, with pelmets

GALLEY

- 260) Bosch, large 2 plate Induction hob.
- 261) Bosch built in convection oven with microwave.
- 262) Pot and pan drawer under oven
- 263) forward of oven, accessed from forward of galley unit, single drawer & wine bottle storage
- 264) Double door cupboard, shelves inside
- 265) Meon stainless steel sink, under counter mount with Annwa faucet.
- 266) Bamboo chopping board (1) which fits into Meon sink recess
- 267) Two drawers below sink
- 268) Inboard of sink
 - 2x shallow cutlery drawers
 - 2x deep drawers
 - Rubbish bin drawer
- 269) Galley working surface to be of lightweight modified acrylic solid surface
- 270) Removable plastic rubbish bin under galley bench with countertop chute
- 271) Additional counter to starboard of sliding salon door.
- 272) Comes with 1x Vitrifrigo refrigerator & freezer drawers below starboard counter.

PORT HULL

- 273) Access to starboard hull via staircase. 'L' shaped sliding hatch to close companionway
- 274) Wood Handrail on aft wall of staircase
- 275) Queen sized berth, sprung comfort mattresses
- 276) Bookshelf inboard of berth
- 277) Outboard topside stringer shelf running from berth forward to daggerboard case.
- 278) Aft of the staircase, one double door hanging locker lined with aromatic western cedar with one shelf at the bottom.
- 279) Forward of staircase, one double door hanging locker and space for a washing machine cabinet with one double door underneath.
- 280) Pleated blinds over all cabin and head windows for privacy and light blocking. Roller blinds in showers.

STARBOARD HULL GUESTROOMS

- 281) No sliding door over companionway, separate doors for forward and aft cabins.
- 282) Queen sized berth in aft cabin, double berth in forward cabin with sprung comfort mattresses
- 283) Stringer shelf running along outboard topside between cabins.
- 284) Aft cabin has inboard hanging locker lined with aromatic western cedar, no interior shelf.
- 285) Both cabins access head from shared corridor.
- 286) Hanging locker in forward cabin, locker with 1x interior shelf and 1x drawer underneath
- 287) One drawer under forward bunk
- 288) Removable panels under forward bunk to access bilge storage
- 289) Pleated blinds over all cabin and head windows for privacy and light blocking, topside blinds hidden in pelmets. Roller blinds in showers.

SHOWERS AND HEADS

(Portside)

- 290) 1x head and 1x shower with private access inside the port hull. Frosted acrylic door between head and shower.
- 291) Vanity with top mounted washbasin, storage underneath. Annwa faucet.
- 292) Mirror above sink with built in LED 'makeup' lights. Access to port tech space behind mirror.
- 293) 2x shelves with double door cupboard over toilet.

- 294) Planus Artic Electric toilet system with freshwater flush
- 295) Wall mounted Toto shower with temperature-controlled mixer
- 296) Shower drain with strainer, removable non-skid shower floor panel over drain.
- 297) 2x hanging hooks in head
- 298) 1x Meon towel rail/ handrail opposite head.
- 299) 1x Annwa toilet paper dispenser
- 300) 1x Annwa toilet brush holder under sink.
- 301) High quality roller blinds over windows for privacy

(Starboard side)

- 302) Shower separated from head with frosted acrylic door.
- 303) Vanity with top mounted washbasin, storage underneath, Annwa faucet.
- 304) Large shelf space inboard of toilet.
- 305) Mirror above sink with built-in 'makeup' lights.
- 306) Planus Artic Electric toilet system with freshwater flush
- 307) Wall mounted Toto shower with temperature-controlled mixer
- 308) Shower drain with strainer, removable non-skid shower floor panel over drain.
- 309) 2x hanging hooks in head
- 310) 1x Meon towel rail/ handrail in shower
- 311) 1x Annwa toilet paper dispenser
- 312) 1x Annwa toilet brush holder under sink
- 313) Escape hatch located in shower, adds ventilation and natural light.

FOREDECK AREA

- 314) Stowage locker on forward port& Starboard hull, with large carbon fiber lids
- 315) Lewmar V3 anchor windlass & chain locker located in forward port locker
- 316) Deck locker/ Auxiliary machinery space in starboard foredeck locker above water tank.

FORWARD BOW STORAGE AREA

- 317) Dyneema string lines down hull sides for hanging ropes & equipment
- 318) Large carbon fiber hatches, 1230 x 600 mm clear opening.
- 319) White painted Aluminum Ladder, with non-skid rungs mounted onto BHD

END OF DOCUMENT

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