

Oyster 545

General

Vessel Name: Ko Tangaroa

Launch Year: 2016

Beam : 4.75m | 16ft

Draft: 2.4m | 8ft

Hull construction: Composite Built to comply with the requirements for Category A - Ocean.

Engine hours:

Aircon: 1 x 16,000 BTU air conditioning unit in saloon.

Displacement (kg): 21315kg

Deck Material: Moulded in GRP to the G5 style with balsa core. Natural teak laid decks with black Sika caulking and a modern rolled deck edge with graceful sheer line

Designer: Rob Humphreys and Oyster design team

Builder: Oyster Yachts

HIN: GBOYMA008HL515

Engine / Machinery

Engine Make: Yanmar

Engine Description: Yanmar 4JH110,4-cylinder diesel engine of 80.9kW (110Hp) at 3200rpm. Parallel plumbing for engine and generator Racors with stainless steel drip tray. Insulated with a composite of foam and high-density polymer sound absorbing material. Accessed via a large hinged door in the aft head compartment and chart table area. Further removable panels give engine room access via the galley. All access doors are fitted with rubber sealing strips to minimise noise and are secured by positive catches. Wire baskets. 24V lighting and a 24V extractor fan. Automatic fire extinguisher installed with remote indicator light.

Horsepower: 110

Fuel Capacity: 850L

Fuel Type: Diesel

Genset: Onan 7>0,7KW/220V/50Hz

Propulsion: Inboard Shaft Drive : Max Prop 3 blade 607mm (24inch) folding propeller

Thrusters: Sleipner SE170,10.7hp, 250mm tunnel with twin propellers

Deck Hardware / Fittings

Dinghy: Highfield

Outboard: 20hp Honda

Ground Tackle: 34kg (75lb) CQR anchor that stows in the stem head fitting. 80m of 12mm calibrated galvanised chain, matched to the windlass gypsy and fastened at its bitter end to a through-bolted stainless steel attachment with substantial lanyard. Spade Kedge anchor - MCA rated, galvanised and collapsible with S80 - 10m x 12mm chain, 100m x 20mm Octoplat. Stowage in anchor locker. Additional 28m x 12mm spare anchor chain with split links. Lewmar V4 vertical capstan type 24V electric anchor windlass. Remote windlass control

Covers: Large acrylic fold-down companionway sprayhood and bimini in Weathermax Cockpit cushions, helm seats, foredeck, pushpit and aft deck cushions in 2 inch EZ-Dri, saloon table.

Accommodation

Accommodation Description: Six berths in three cabins. Lee clothes on all sea berths, including bunks. Interior joinery finished in horizontal quarter-sawn American White Oak. Cabin doors with horizontal grain. A spacious double guest cabin in the bow with centreline double island berth. Aft of the fore cabin, to starboard is the twin guest cabin with upper and lower berths. Large owners' stateroom aft. New leatherette upholstery in saloon area.

Cabins: Three

Berths: Six

Shower: Both bathrooms plus cockpit

Toilet: Dometic Masterflush electric freshwater flush toilets with plastic holding tanks installed to each head

Entertainment: Aft Cabin- Fusion MS-RA205 FM/tuner with Bluetooth adapter Saloon- 27" LED TV, HDMI connection to Fusion and Apple TV, Fusion MS-AV750 FM tuner CD/DVD player Cockpit- Fusion MS- NRX2001 water proof remote control on pedestal, Fusion speakers

Galley

Galley Description: Located to port of the cockpit is the walkthrough galley. Avonite galley work surfaces and upstands in Black Coral satin finish. Basket system in locker at aft inboard end of the galley. Two large/deep baskets at the bottom and two small/shallow baskets on top. Shelf outboard of the cooker has an Avonite fiddle and stainless steel retaining bar. Shelf above galley sinks is full width for mugs and glassware with small timber fiddle and stainless steel retaining bar. Strip light under shelf. Timber fiddle to glasses locker forward of the chart table. Rubbish bin fitted inside locker adjacent to the twin stainless steel sinks. Stowage for crockery and cutlery. Oak cutlery tray.

Refrigeration: A front-opening Frigomatic 24V keel-cooled refrigerator with stainless steel box and door and automatic door light is built into the galley aft on the port side

Freezer: A top opening Frigomatic 24V keel-cooled freezer box with strut fitted to support the insulated lid

Stove: Gimballed Force 10 electric cooker in stainless steel with 3-burners, grill and oven.

Water Capacity: 750L

Water Maker: 220V Seafresh 204A AC watermaker - approximately 72 litres per hour with product gauge and remote pa

Hot Water System: 73 Litre via engine heat exchange and 220v

Safety Equipment

Safety Gear: CAT 1 safety White horseshoe lifebuoy, light and drogue. Webbing jackstays (gold) on forward/aft padeyes. Emergency tiller.

Bilge Pump: Electric (3000L/h), 2 x manual, engine driven

Life Raft: Upgraded Liferaft to 8-person 24-hour pack with EPIRB (ISO 9650).

Epirb: GME MT403

Life Jackets: 8

Flares: Yes

Fire Protection: Fire blanket, 2 x fire extinguisher.

Electrics / Electronics

Electrics: 8 x Rolls AGM S6-275AGM batteries give 500Ah (approximately) at 24V for the domestic supply. Power from two separate 95Ah (800CCA) 12V batteries (making a total of 190Ah approximately) is devoted to engine starting. These are charged via the standard 80A engine alternator. All batteries are positively secured in case of a knockdown and battery stowage areas are vented by fan assisted ducting to the exterior of the vessel. - 24V/2500W 230V Mastervolt Mass sine wave inverter. Yanmar 80A/12V alternator unit wired to charge the engine start batteries. Mastervolt 150A/24V alternator unit that charges the domestic battery bank. 24V/2500W 230V Mastervolt Mass sine wave inverter. 4 x GoFlex 135w/5.7amp solar panels with Victron smartsolar charge controller.

Electronics: 3 x Raymarine i70 units, supported data views include: wind, speed, depth, tri-data and navigation integrated with the chart plotter. New Airmar multisensor with ultrasonic speed log, depth and temperature. Additional Raymarine i70 unit in owner's stateroom. HD colour 4kW Radome. - CHART PLOTTER/GPS RADAR -Raymarine e125 chart plotter with built-in 50-channel, Global Positioning System (GPS), interfaced to the autopilot, at the chart table. This unit also repeats sailing instrument information, includes wireless connectivity via Wi-Fi and Bluetooth and a GPS antenna mounted on the pushpit. Additional e95 chart plotter with built-in 50-channel GPS mounted at pedestal. Echomax Active-XS dual band RTE radar. New Nexcom computer with Time Zero Maxsea navigation and routing software, MailaSail teleport-IT and Redbox Firewall. Upgrade Wi-Fi to Pepwave 4G Router and Satellite phone to FleetOne Satcom. AIS Raymarine 650 AIS Class B transceiver with dedicated GPS and VHF antennae. - AUTOPILOT Raymarine automatic pilot with twin Type 2 long 24V linear drive units, Evolution course computer and p70 autopilot control head fitted at the pedestal. This unit is installed quite independently of the main steering system and affords a back up to that system. Raymarine SmartController wireless remote. - NAVTEX - Furuno NX300 Navtex. - VHF RADIO - Raymarine Ray 260E Class D-DSC VHF radio-telephone with hailer horn speaker and masthead antenna. Ray 260 VHF second station with speaker in the cockpit. Demountable whip HF antenna to comply with category 1 regulations - SSB RADIO - Icom IC-M802 SSB radio, including ATU 140 and DSC. Spare DSC antenna for Icom M802 SSB. Wide copper strip from chart table to lazarette and twin large ground plates as SSB earth. Backstay insulators. - SATELLITE PHONE - Sailor FleetOne BGAN satellite telephone with voice, data. Data rate 150KBPS maximum. Includes 10m antenna cable. Antenna mounted on port side first spreader. Sailor FB-BKT FB150 antenna bracket. Sailor RG223 25m antenna cable. Cisco SF100D-08 DC powered 8 port Ethernet switch. Yellow Brick Yellow 3 standard satellite based tracking unit with Bluetooth and external power supply. - PC - AG Neovo SX- 17 Plus black 17" LCD display. Nexcom PC with 2.8GHz Dual-Core Intel i5,8GB Memory, 1TB Fusion drive or 256GB SSD drive, Intel Iris graphics, OSX

Sail / Rigging

Deck Gear: 2 x Lewmar 65 CEST two speed, electric, chrome self-tailing primary winches. 2 x Lewmar 48 secondary winches (port electric and starboard manual). 1 x Lewmar 46 CST chrome self-tailing reefing line winch for mainsail reefing, on the mast, beneath the gooseneck. 1 x Lewmar 48 CEST two speed, electric, chrome self-tailing mainsheet winch. Upgraded starboard companionway winch to Lewmar 50 CEST. Additional Lewmar 48 CST winch to port of companionway with 4 x clutches and 4 sheave organiser for leading lines to the cockpit. 1 x Lewmar 50 CST two speed, chrome self-tailing halyard winch fitted on mast. 1 x Lewmar 54 CEST two speed, electric, chrome self-tailing deck winch on starboard side of mast. 2 x Lewmar 16 CST single speed, chrome self-tailing mainsheet traveller control line winches. 3 x Winch handle pockets - 2 in cockpit and 1 on mast.

Sail Inventory: New fully battened mainsail and furling #1 genoa in 3Di OCEAN 700 19,600 Dpi (Northsails) treated with McLube Sailkote Plus Acrylic mainsail cover for main boom. By North Sails G2 gennaker, 1.5oz Norlon with snuffer By Doyles Cable less self furling code zero 2019

Mast / Rigging: Formula Masts spars with white painted finish to mast and boom. Upgraded to single line reefing and Park Avenue type boom. Lazy jacks and boom cover. Double Wichard padeye on foredeck and storm jib lug, sheave box and exit on the mast for storm stay. Carbon bow prodder with tack line. Furlex electric furling for genoa. Spinnaker package with single carbon pole vertically stowed on mast with butt hoist winch, halyard, pole topping lift and foreguy, pair sheets, guys, blocks and fittings. Full Rigging check including new mainsheet cart, new Lewmar deck switches, new Selden Furlex 400E genoa furler, new Selden hydraulic backstay tensioner and additional shroud covers.

Miscellaneous

General Remarks: Extra info on hull construction: The hull is of composite moulded construction using a combination of vinylester and polyester resin with the outer topside finish in white gelcoat. The laminate material comprises a combination of EGlass, Kevlar and Carbon Fibre. The topside structure incorporates a 18mm endgrain, balsa core above the waterline for additional strength, stiffness and insulation. Below the waterline the hull features a solid laminate, reinforced with a matrix of stringers and floors and is combined with BS1088 standard marine-ply structural bulkheads. Extras: - Bosch WWT1260 washer/dryer (220V). - Davits - Cooney S225 Tall electric davit (225kg maximum total load) - Fresh water deckwash in transom and anchor locker - Crockery- Oyster customised Royal Doulton bone china crockery. - Cutlery- Oyster customised Robert Welch stainless steel cutlery. - Safe 2-Brick safe with digital keypad. - Marine tool kit - Assorted tools, spares and manuals. - Add 200 Bar/240V Bauer JUNIOR II-W dive compressor with space for two tanks.