

Specifications |

Chesapeake 58

Type of boat: Pleasure
Builder: Allan Barnett Fishing Co.

General

Length overall: 17.82 metres
Length on deck: 16.35 metres
Length at waterline: 16 metres
Beam: 5.49 metres
Draft: 1.68 metres
Displacement: 68 tonnes
Diesel: 8200 litres
Fresh water: 900 litres
Black water: 360 litres
Electrical: to USL code
Survey to USL 2B code
Paint System: Awlgrip - fully faired

Construction

Hull: Steel
Deck: Steel - Solid teak over
Superstructure: Aluminium
Main engine: Twin C255 Cummins Diesels of 255 H.P.at 1800rpm, coupled to twin disc MG 5065a 2.04:1 reverse reduction gearboxes.
Propulsion: Left and right Mikado 4 blade 34" diameter x 22.75 pitch.
Shafts: 70mm 316 stainless steel providing 5mm wear factor
Shaft seals: PSS
Shaft bearings: Duramax water lubricated
Instruments: Full engine and gearbox instrumentation; Alarms fitted
Engine Controls: MCA digital electronic
Gensets: 1 Onan 22.5kw at 240 volts complete with 24 VDC 20kw clutched PTO driving hydraulics
1 Onan 7 kW
Gensets complete with manufacturers sound shields and fitted with auto shutdown system.
Exhausts: All engine fitted with wet exhausts exiting hull on port and starboard sides aft.
Cooling System: Raw water heat exchangers
Seachest & Seacocks: All 316 grade stainless steel
Bilge System: 40mm Varisco single phase self-priming C/W 316 shaft, bronze housing and impellor. All manifolds, valves and pipeworks polished 316 stainless steel. Float switches fitted to all compartments.
Ventilation: 2x 36-48 cubic metres per hour single phase blowers
Watermaker: HP ultra compact RP Tronic 240 volt - 80 litres per hour
Fire Prevention: Machinery space Mistex fire suppression system manually remote activated Phirex alarm system
Panels: AC/DC panels in Engine Room and Pilothouse
Domestic lighting: 24 volt DC
Batteries: 2 main engine start banks 24 VDC
2 Gensets start banks 12 VDC
1 House bank 24 VDC
Windshield wiper: Pantograph style on 3 front windows
Appliances: to be decided by owner
Flybridge: Single steering station with engine controls located amidships
Front Deck: Seating along bulwarks

Communication & Navigation

VHF Radio: to be decided by owner
Entertainment System: to be decided by owner
Running lights: All LED by Hella or similar
Running lights: Running lights - all LED by Hella
Navigation: Twin Ray Marine E120
Radar, fish finder, plotter, 2x rear deck cameras

Auxiliary Systems

Fuel tanks: Built in welded steel construction with inspection openings, vent, fill supply and return lines all in 316 stainless steel.
Fuel Manifolds: All manifolds (supply & return), valves and pipework 316 stainless steel.
Fuel filtration: Fleetguard Sea Pro series 7 duplex, fitted with reversco FP-301 24 volt priming pump

Fresh water tanks and system

Fresh water tanks:	2 non-integral 304 stainless steel with inspection opening, vent, supply and fill
Fresh water pump:	1 Southern Cross SPNS095S single phase with stainless steel pump and electronic pressure control
Fresh water piping:	All 316 stainless steel
Water heaters:	2x 50 litre stainless steel Isotemp hot water cylinders (heat exchanger and 240 volts)
Waste tanks:	3x 120 litre 5mm polypropylene. All valving and pipework 316 stainless steel

Rudder & Steering

Rudders:	Duramax bearings
Rudder stocks:	316 x 63.5 mm stainless steel
Rudder blades:	12mm steel with pintle bearings
Steering:	Electric over hydraulic power assisted
Bow thruster:	Sidepower SP300 HYD Hydraulic with variable control, 285kg thrust

Fitout

Air-conditioning:	Webasto tempered water system to all accommodation areas
Pilot house & Deckhouse windows:	12mm toughened safety glass
Doors & Hatches:	Myrtle
Port lights:	Vetus, watertight
Insulation:	Hull, sprayed with 2 pack expanding polyurethane foam providing excellent thermal insulation as well as corrosion prevention. Engine room ceiling and accommodation bulkhead sound proofed with Soundsorber Bar 32 foam and covered with perforated sheet lining for added soundproofing and insulation protection.

Deck Fittings

Deck wash system:	2 Spigots provided (fore & aft decks)
Anchor winch:	Muir Thor 4200 hydraulic horizontal chain gypsy and capstan head
Anchor system:	Self-stowing bow roller
Cleats & Bollards:	4 polished stainless steel bollards; 2 at bow, 2 at stern, 1 each port & starboard (amidships)
Hawse holes:	4 polished stainless steel to match bollards
Anchors:	1x 82kg Higwood galvanised high folding power plough anchor (Australian Made)
Chain:	82 metres 16mm galvanised short link PWB chain (Australian Made)
Handrails:	Polished stainless steel 316 handrails according to USL code
Sponsons:	Polished 316 grade
Capping Rails:	Stainless steel 316 grade
Crane:	Saloon roof 1 Opacmare 3010/41 electronic hydraulic crane 500kg capacity at 3.7 metre reach
Dinghy:	1 swift 3.75 metre rib with 15 HP outboard
Ladders:	to Flybridge from Pilothouse internally

Galley Equipment

Microwave
Vent fan
Electric stove & oven
Refrigerator/freezer
Fisher Paykel dishwasher

Safety systems

Life raft:	6 man coastal
Flares:	USL 2B
Life jackets:	Solas
Fire bucket:	to meet USL 2B requirements

Interior layout

Pilothouse:	Steering station with bow thruster, anchor winch controls & engine controls mounted in console. Lounge seats (leather upholstery) & dining table
Below main deck	Access from Pilothouse on starboard side
Owners Stateroom:	Located amidships 2.7 metres long and 5.2 metres wide. Queens size bed located in the centre line. Ensuite Shower, toilet and basin on port side Robes & dresser starboard side
2 Bunk Cabin:	Located forward of owners stateroom on portside
toilet:	Located forward of bunk cabin on portside
Bathroom:	Shower and basin located directly opposite to toilet on starboard side
Staircase:	to Pilothouse, located between owners stateroom and bathroom on starboard side.
Guest Stateroom:	Located in forward section of vessel, 2.7 meters long and 3.5 meters wide with queen size bed on centre line. Robes & cupboards either side