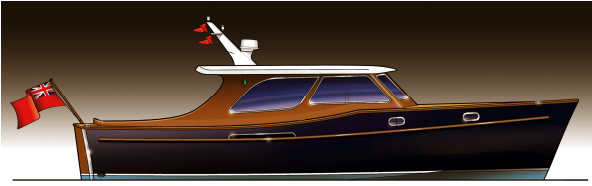


Cockwells Modern & Classic Boatbuilding Ltd
Cockwell's Classic 37' 6" Motor Launch Design Specifications - Summary



1 General description and intent

This is the design specification for a Cockwell's Classic 37' Motor Launch designed by Andrew Wolstenholme.

The vessel is a high quality, comfortable day / weekend boat with a bespoke interior to the client's requirements. It will be certified as category C under the EU Recreational Craft Directive. It will have an approximate top speed of 24 knots with a comfortable cruising speed of 15 knots and give a range between 189 and 320 nautical miles.

1.1 Principal dimensions

Length Overall	11.45 m	37' 6" ft
Length Waterline	10.50 m	34' 5" ft
Beam (max)	3.50 m	11' 6" ft
Design Draft	1.00 m	3' 3" ft
Displacement	8.25 tonnes approximate	

1.2 General arrangement

The vessel will be arranged as outlined in the general arrangement drawings (see over leaf).

1.3 Accommodation

A luxuriously appointed fore cabin with a double berth (4'6"ft) on the starboard side (incorporating marine pocket sprung mattress). Other features include: dressing table, fitted wardrobe, chair and central skylight.

Galley to port equipped with a sink, ceramic diesel cooker, microwave and fridge.

Heads compartment to starboard with a shower, hand basin feed by the pressurised water system and an electric head.

Light and airy, well appointed saloon with comfortable seating for six (plus two with the helm seats). The dining table is re-moveable. The saloon also provides optional sleeping area for two guests (giving a total of 4 berths).

A sizeable pilot and navigation station with more than sufficient space for charts and instrumentation.

The joinery and furnishing is bespoke using types of wood and materials to create a style that fulfils the client's requirements.

Lighting throughout is LED.

Air conditioning is available as an option.

1.4 Construction

The launch will be built by the strip planking method using cedar over CNC cut frames and bulkheads. The hull will be sheathed inside and out with glass fibre fabric impregnated with epoxy resin. Externally finished with a blue two part paint system (other colours or varnished wood available as an optional extra).

Deckhouse is solid teak joinery with toughened glass windows and stainless steel trim. The deck is a fully swept teak with a sub-layer constructed of 12mm marine ply sheathed with epoxy offering increased structural integrity.

2 Machinery and systems

2.1 Main engines and stern gear

Twin diesel Volvo D4 225hp Marine engines, fresh-water cooled, shaft drive, 4 blade bronze propellers. Hydraulic wheel steering with twin bronze rudders.

Twin 450 litre fuel tanks.

Bow thruster is supplied as standard.

2.2 Electrical systems

12 volt, gel type batteries charged by engine or shore power, inverter to supply 240 volts a/c, and an intelligent battery charging system.

A generator or fuel cell is available as an option.

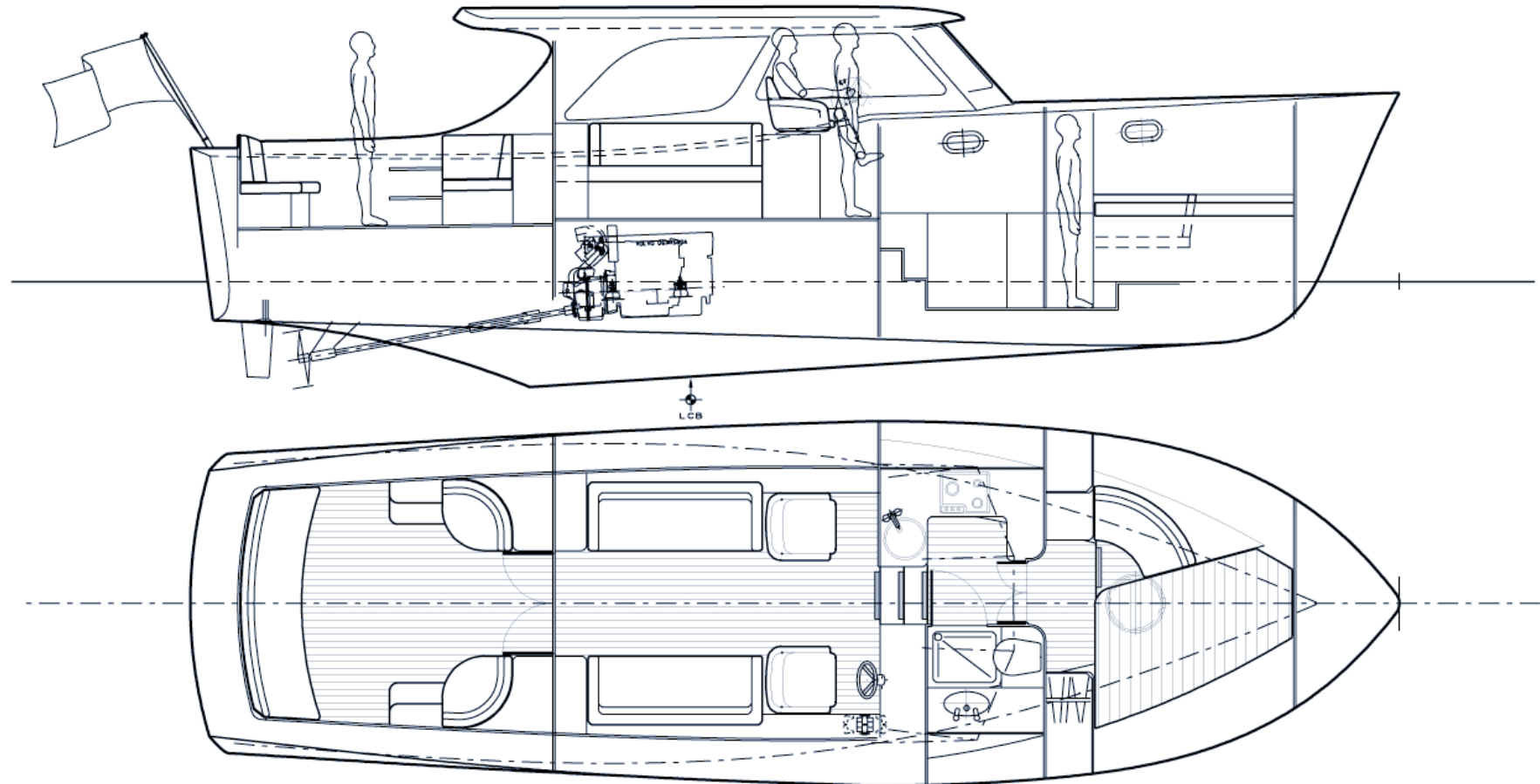
2.3 Navigation Equipment

The basic package will cover compass, speed log, echo sounder, radar, VHF, GPS, chart plotter, autopilot, and navigation lights. However, this can be tailored to suit the client's needs.

2.4 Deck Gear

All deck fittings are of chromed bronze or 316 stainless steel. The vessel is supplied complete with anchor, chain, electric windlass, warps and fenders.

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General arrangement drawings for Cockwell's Classic 37' Motor Launch designed by Andrew Wolstenholme