

OCEAN PACKET 54

54' LONG RANGE CRUISER

Single chine steel* - Design no. 03-541

* Steel hull & Main deck - Aluminum deckhouse

This design was commissioned by a couple who wanted an offshore capable power vessel. The requirements: Long range, seaworthy, distinctive, and tough enough to handle the higher latitudes. The hull is of single chine steel construction with a deadrise of 20 degrees and fitted with a box keel that permits careening (drying out) if required. To reduce weight & improve stability, the deckhouse is of welded aluminum. The structure consists of transverse frames spaced approximately 30", longitudinals spaced 15", a 1/4" bottom plate, and 3/16 plate at the topsides, structural bulkheads, and deck. It is a strong but not excessive structure.

Efficient propulsion and steering is achieved by means of a 40" diameter propeller and large rudder. Even with the engine 'ticking over', the vessel will make reasonable speed with very low fuel consumption. For maneuvering in tight quarters a bow thruster may be fitted.

The exterior features a wheelhouse with good visibility, well decks at the hull side for improved personal safety, aft deck for working or entertaining, and two working masts. The interior layout features all the best appointments needed for extensive offshore cruising: the large, well-appointed galley with double sink, stove, freezer, and pantry; the large saloon/eating area and forward of that, the laundry facilities. In way of the passageway (aft quarters to forward) there is a workbench area suitable for light mechanical work or a computer station. The deckhouse features a wheelhouse with full navigation station. Aft is a day lounge with desk, dinette and hanging lockers.

The hull has been computer lofted/faired & corrected offsets are furnished with the plans

VESSEL PARTICULARS

Length - hull.....54'-9" (16.68m)	Length L.W.L.	51'-4"(15.65m)
Beam.(mld)..... 15'-6" (4.72m)	Draft (Depart Port).....	6'- 6"(1.98m)
Clearance (bridge).....14'-0" (4.26m)	Draft (optional) (note e)	5'- 6"(1.67m)
Displacement 98,650# (44,840kg)	Pounds/inch immer'n....	3,194#
Gmt 2.90' (0.88m)	Stability Limit.....	112 deg.(heel)
Power (diesel).....235 hp (175kw)	Speed (aux/main drive).....	7.0 / 11.0 kn.
Water (U.S. gal.).....580(22001)	Fuel(U.S. gal.).....	2100(79381)
Range (7 knots).....5,700 nm	Accommodation (persons)	5/7

Note:

- (a) Hydrostatic values given at full load, "Depart Port", condition.
- (b) Drawings are furnished in U.S./Imperial measure of units.
- (c) Range estimate based on 10% reserve, 4 kw genset, no appendage drag (stabilizers, etc.)
- (d) Stability values given with vessel intact, closures secured, and no ice accretion.
- (e) Optional shallow draft is with twin screw configuration or single screw with tunnel.

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