

# CROMARTY 36



## **BUILDER: NEILMARINE**

### **NEIL FERNANDO AND CO.PVT.(LTD.)**

#### **HEAD OFFICE**

11, Alexandra Road,  
Colombo 6  
Sri Lanka.

Phone: +94-11-2556891 - 94

Fax: +94-11-2580756

E-mail: [contact@neilmarine.com](mailto:contact@neilmarine.com)

#### **BOAT YARD**

No. 70A, St. Jude Place,  
Thaladuwa Road, Negombo,  
Sri Lanka.

Phone: +94 - 31 - 2230901 - 905

Fax: +94 - 31 - 2238307

## CROMARTY 36 SPECIFICATION FOR STANDARD VESSEL

Technical Specification Number - NMC36/MS/SP/18/1254



Dimensions		
Length overall	11.00 m	36ft 00 inch
Length Waterline	8.13 m	26ft 08 inch
Beam	3.66 m	12ft 00 inch
Draught	1.41 m	4ft 07 inch
Displacement	8636 KG	
Ballast weight	3048 KG	

## **1. CONSTRUCTION**

- 1.1. The hull is a heavy-duty hand laid GRP moulding, which includes a clear gel coat underwater. The cast iron ballast is encapsulated in the GRP keel and glassed over with further laminates to form an integral part of the hull structure.
- 1.2. The deck is a heavy-duty hand laid GRP moulding. Plywood stiffening is incorporated in all horizontal areas. Heavily stressed areas are additionally reinforced. The deck is bonded to the hull.
- 1.3. The bulkheads are laminated to the deck and hull resulting in a strong and integrated unit.
- 1.4. The cockpit is an integral part of the GRP deck moulding is self-draining through overboard drains
- 1.5. A hatch is fitted in aft bulkhead to give access to stowage lockers.
- 1.6. A separate, drained gas locker is integral in the moulding in the starboard side of the seat.
- 1.7. Heavy double skin GRP bulwarks, incorporating the hull to deck joint, are an integral part of the deck and capped with 25mm thick teak. A teak rubbing strake and teak bulwark cladding is fitted. Teak is left untreated.
- 1.8. The hull and deck are moulded in the colours available from stock to be advised

## **2. ENGINE**

- 2.1. A YANMAR 4JH80 - 4 cylinder, turbocharged diesel propulsion engine developing 80hp (Recreational Craft Directive emission compliant). The engine is supplied complete with a heat exchanger and header tank, exhaust manifold, fresh and sea water pumps, injection bend, mechanical fuel lift pump, fuel and oil filters, sump pump, flywheel housing, special quiet air intake filter, 12 volt starter, 125 amp battery charging alternator, shutdown solenoid, The engine is mounted on rubber anti-vibration mounts and secured to glass fibre, steel reinforced, engine beds moulded to the hull. The C30 engine instrument panel has a tachometer, water temperature gauge, oil pressure gauge and voltmeter. An audible alarm is fitted.
- 2.2. A bronze stern tube with water lubricated cutlass bearing carries a stainless steel shaft driving a 3bladed bronze propeller. A zinc sacrificial anode is fitted to reduce stern gear corrosion.

2.3. The engine is accessed via traps in the wheelhouse floor and through the door from the toilet compartment. The engine compartment is sound proofed.

### 3. STEERING GEAR

- 3.1. Two position steering with one wheel in Deck Saloon port side and one on Deck to
- 3.2. Starboard side of main companionway wheels inter connected to VETUS hydraulic system
- 3.3. Rudder in heavy duty G.RP with 36 mm diameter 316 Stainless Steel stock and internal stiffening with triangular structure in 75mm x 6mm Stainless Steel plate.
- 3.4. Stock fitted with flanges above the blade permit easy ruder removal.
- 3.5. Bottom pintle carried in SKEG bearing. Rudder stock is housed in GRP tube bonded to gull and integral structure. Stock is fitted with water lubricated bearing at its lower end and a bronze gland and greaser inboard.
- 3.6. **Emergency Steering:** Via a tubular Stainless Steel Rudder stock extension stowed below. Extension passes through Deck head panel and waterproof fitting and can be fitted with a Teak tiller on deck.

### 4. TANKS

- 4.1. Diesel fuel: 2 X 227 litres GRP interconnected tanks on Port and STBD side is installed below the deck saloon floor. A fuel contents gauge is fitted in the instrument panel.
- 4.2. Fresh Water: 2 GRP interconnected tanks approximately 227 litres is installed under the deck saloon floor.
- 4.3. Tank individually vented to deck saloon sides
- 4.4. Stainless Steel black water tank located under the forward cabin births.

### 5. PLUMBING

- 5.1. Cold water supplied by Electric pump, accumulation, Tank pressure sensing switch and filter direct to both Toilets and Galley.
- 5.2. Hot water supplied by Calorifier mounted under starboard side locker in Main Saloon.
- 5.3. Combination tap faucets lift out for use as hand held shower heads in both toilets. Both Showers and washbasins drain to tanks under cabin soles and are then pumped

5.4. Over board via electric pump. Forward Sump Tank to collect shower and wash basin water.

5.5. Galley sink drains to forward tank.

## 6. ELECTRICS.

6.1. 120 AMP/ HR battery for Engine starting fitted to the purpose made Battery box on port side of Engine room. (Battery not supplied)

6.2. An Exhaust Fan is connected to discharge battery gases overboard. A Starboard side purpose made battery box is also installed to accept additional battery and vented to Port side battery box.

6.3. Engine start battery via a battery Isolation switch.

6.4. An Engine room exhaust fan is connected to discharge gases overboard.

6.5. Majority of electrical cables are run throughout the Vessel ready for connection to various pumps, lights, switch board etc. when installed.

6.6. Standard lighting over all work surfaces and berths /Std. Electric panel with fuse.

## 7. DECK FITTINGS.

7.1. Stem head fittings heavy duty 316 Stainless Steel fabrication comprising Base plate and three vertical Flanges incorporating Stowage for 45lb. C.Q.R Anchor. Two nylon rollers to be fitted between Flanges, Central Flange drilled to take forestay Rigging screw and Toggle. Bob stay to lower stem.

7.2. Bow pull-pit in 25 mm O.D 316 polished Stainless Steel tube. Four legs with single top rail and lower rail between after two legs. Brackets for port and starboard lights. Lugs on after legs to take twin guard wires.

7.3. Toe rail: Solid teak Tor rail fitted.

7.4. Stanchions: Eight off 610 mm high 25mm. O.D polished 316 Stainless Steel plus two Braced Stanchions forward of the gateways. Air fitted into Stainless Steel socket bases.

7.5. After pulpit: After Pulpit around hole of after deck from the gateways comprising of ten off 610 mm high Stanchions with round section upper 25mm O.D. lower Rail in 25mm O.D Stainless Steel tube extending from Gates to either side of centre section. Ensign staff socket to Stbd.

7.6. Anchor well lids: Fitted with hinges each and a Chrome plated Flush ring.

- 7.7. Fore hatch: For hatch – Alloy framed over fore cabin with Perspex centre.
- 7.8. Ventilators: Stainless Steel ventilators supplied and fitted in main Cabin, Toilets forward and Aft and Galley area.
- 7.9. Gas bottle locker: Gas Bottle Locker in side Deck to Starboard with two hinges and Chrome flush rings.
- 7.10. Windows: Alloy framed hinged opening windows fitted into coach roof sides, into Fore Cabin, Galley FWD and AFT toilets and both sides of after Cabin.
- 7.11. Deck saloon windows: Fitted with three windows in FWD face and two windows Port and Starboard. One hatch fitted to Starboard side on after face of Deck Saloon and one on Deck Saloon roof. Centre forward window hinges open, side window Port and Starboard window fixed.
- 7.12. Deck saloon windows fitted with plain 06mm Toughened glass, Hatches and opening coach roof side windows in Acrylic.
- 7.13. 01 No wiper fitted at Helm front screen
- 7.14. Deck saloon steps: single GRP steps moulded to pillars each side of Central Forward Deck Saloon windows. Each step with solid teak non-slip finish.
- 7.15. Grab rails: Forward Coach roof fitted with Oval Teak grab rails 550 mm long and through bolted. Deck Saloon rails fitted with 25 mm O.D 316 Tubular Grab rails 1700mm long.
- 7.16. Main companion way: Fitted with two oiled Teak and Plywood panelled doors with Teak louvers outside. GRP sliding hatch above doors, Shoot Bolts and cabin hooks to secure in open and closed positions.
- 7.17. Chain plates: Main Mast shrouds attached to fix off chain plates 50mm. Wide by 380mm long by 06mm thick with doublers at upper ends. Through bolted to coach roof sides with four off 10mm Hexagon headed bolts.
- 7.18. Mizzen Mast Fwd. lower shrouds Rigged U-bolts type chain plates fitted into After Deck Saloon.
- 7.19. Main Mast backstays and Mizzen after lower and Cap shrouds-attached to single 6mm Stainless Steel chain plate through bolted with six off 10mm Hexagon headed Stainless Steel bolts to aft cabin coach Roof side.
- 7.20. Grab handles: Stainless Steel on top Coaming /Back rest of Fwd. of after deck Seat and at both ends of seats.

7.21. After deck locker lid: Fitted with hinges and two Stainless Steel Catches, one

Stainless Steel Louvre Vent in seat, flush fitting handles in locker lid face.

7.22. Deck surface: All horizontal deck surfaces are laid to teak with the exception of Deck Saloon roof and sliding Hatch Garages which are fitted with Tread master panels.

7.23. Deck drains: Two off 36mm internal diameter on each side deck leading to Nylon skin fitting above the waterline. One off 36mm drain in upper helm position floor leading down inside aft cabin hanging locker to Seacock in hull.

## 8. INTERIOR:

### Fore cabin

8.1. Fore cabin two single berths, each 1.9m long and 660 mm wide at shoulders.

Large locker under centreline forward housing.

8.2. Two lower lockers with access through hinged fronts.

8.3. Fore hatch with solid Teak surround.

8.4. Deck head lining in 4mm Plywood fitted - ready to take personal choice of soft lining.

8.5. Vanity Units port and starboard.

8.6. Two drawers starboard and one drawer with Cave locker under to port

8.7. Hanging lockers port and starboard outboard.

8.8. Mirror on Port side hanging locker door.

8.9. Two opening windows.

8.10. Solid Teak Parquet floors.



### GALLEY

8.11. U-shaped Galley to Starboard side.

8.12. Access for Cooker with Teak locker underneath.

8.13. Deep Stainless Steel Double Sinks in forward section with hot and cold mixer tap.

8.14. Solid Granite Work tops and Bulkheads face.

8.15. Teak lockers with doors above. Cutlery drawer and pan locker with shelf below.

8.16. Cup and plate racks outboard on side lining.

8.17. Top opening locker (This can be made into an insulated Ice box)

8.18. Space made available for 49l capacity electric Refrigerator.

8.19. Opening window over Cooker and Vent over Galley light and ventilation from Deck

8.20. Saloon windows.

8.21. Extra food stowage space (0.25m<sup>3</sup> approx.) on Port side opposite Galley with two Teak doors. Solid Teak Parquet flooring with hatch to Grey water tank



## FORWARD TOILET.

8.22. One piece GRP moulding in off white with padded Vinyl Deck head lining

8.23. Solid Teak grating over Shower Sump and solid Teak Louvered locker door under highly polished Stainless Steel wash basin.

8.24. Combination Tap and shower.

8.25. Solid Teak locker with GRP inlay outboard Sea toilet with Sea Cocks fitted.

8.26. Opening Window.

8.27. Teak framed and panelled Toilet door (Locks / Handles to be fitted)



## DECK SALOON



8.28. Large U shaped Dinette to Starboard on raised level to allow viewing outside

whilst seated.

8.29. Stowage under after seating for

Calorifier and large stowage  
outboard under side Decks.

8.30. Teak table supplied loose.

8.31. Deck Saloon floor in solid Teak  
Parquet with four removable  
central panels giving direct access  
to Engine Compartment. Tanks  
and space for batteries and pressurized water system.



8.32. Port side Saloon has forward Steering Wheel with Single Lever Engine Control  
Outboard.

8.33. Access door by lower wheel to  
electric and Steering.

8.34. Raised seating Portside as  
Starboard but incorporating  
Helmsman's Seat at forward end.

8.35. Main Companionway Steps at after  
end.



8.36. Toughened Glass Windows in  
Alloy frames all round.

8.37. Teak Grab Handles running length of Deck heads.

8.38. Lining Port and Starboard.

8.39. Solid Teak Hatch  
Surround with Deck Head  
lining in 4mm Plywood  
fitted ready to take  
personal choice of Soft  
Linings.



8.40. Saloon Table

**AFTER EN-SUITE.**

8.41. Toilet to starboard to same specification as forward Toilet but with shelf in place of locker.

8.42. Large hanging locker and stowage to port with double Teak doors, having solid teak Louvers at lower door sections and another louver above doors in Teak face.

8.43. Hanging rail at top with Access Panel outboard to through hull fittings.

8.44. Two removable floor panels in solid Teak parquet flooring

between AFT toilet and hanging locker giving access to Propeller shaft and tube.

8.45. Owner suite with two single V berths.

8.46. Upholstered seat between AFT end of berths.

8.47. Mirror fitted on after bulkhead.

8.48. Interior curtains and cushions covered with cotton upholstery.

8.49. Cabin and Saloon also fitted with white padded white Vinyl Deck head lining.



## CROMARTY 36 SPECIFICATION ADDITIONS

- Spray hood /Dodgers
- Bow Thruster 60 Kg
- Electric Anchor Windlass (lifting power 350 Kg nominal)
- 45 Lbs. Spade Anchor instead of CQR anchor
- Shore power supply and battery charger
- Hot water system with Calorifier.

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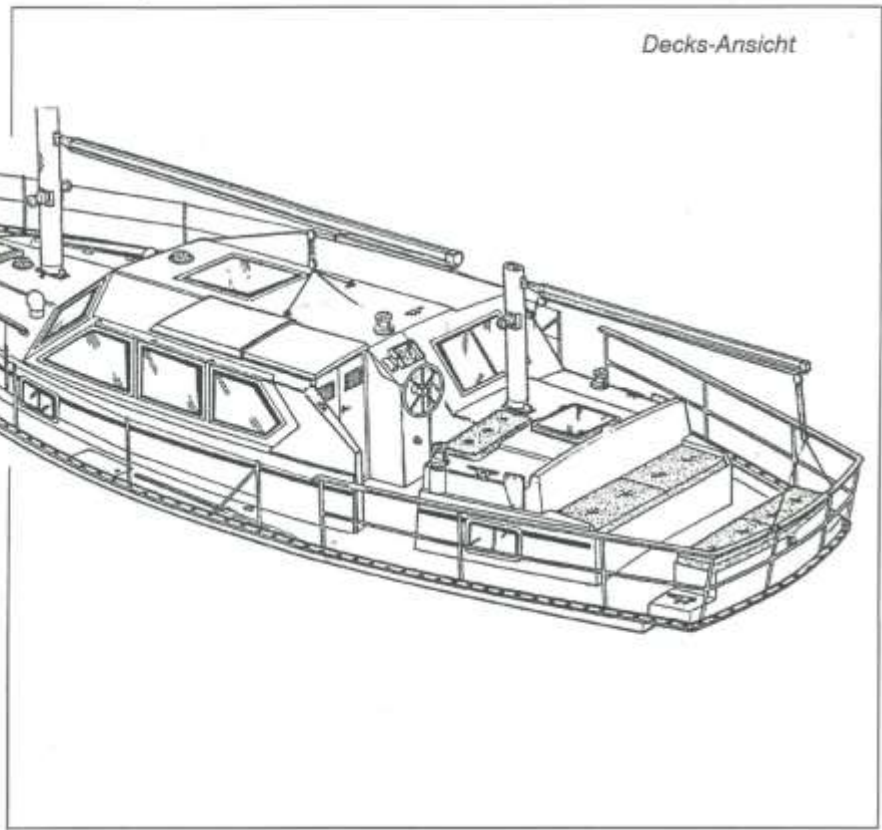


PROFILE



DECK PLAN

*Cromarty 36*



*Cromarty 36*

