



GA: AMT 2097-001-1-B

Products listed and types are indicative of quality, alternatives may be considered to suit the buyer's application or availability.

GENERAL

| | |
|----------------|---|
| Application | Offshore and interisland cargo and passenger craft, survey and seismic services, medical evacuations etc. |
| Vessel Type | Shallow draft landing craft |
| Designer | Australian Marine Technology Pty Ltd |
| Builder | MOC Shipyards Pvt Ltd |
| Crewing | 5 plus crew with 12 PAX |
| Classification | BV cargo passenger unrestricted |
| Construction | Steel hull / aluminium superstructure |

DIMENSIONS

| | |
|-----------------|------------------------------------|
| Length Overall | 34.00 meters |
| Beam | 9.00 meters |
| Draft | 2.20 meters loaded, 1.10 lightship |
| Clear Deck Area | 220 meters square |
| Deck Load | 220 tonnes |
| Deck Load | 2.0 tonnes/m2 (18T axle loading) |

PERFORMANCE

| | |
|----------------|--------------------------|
| Economic Speed | 8 knots @ 75% MCR |
| Speed Maximum | 10 knots plus @ 100% MCR |
| Range | 800 NM with 10% reserve |

MACHINERY

| | |
|--------------|---|
| Main Engines | 2 x Caterpillar @ 335 kW each |
| Propulsion | FPP aligned with keels c/w twin rudders |
| Generators | 2 x 45 kW 415V 50 hz |
| Exhaust | Dry stacks aft |

TANK CAPACITIES

| | |
|---------------|---|
| Fuel Oil | 16,000 litres |
| Potable Water | 8,000 litres |
| Cargo Fuel | Up to 50,000 litres independent tanks (opt) |
| Fuel Transfer | Via manifold delivery > 200 meters (opt) |

AUXILIARY EQUIPMENT

| | |
|----------------------|---------------------------------|
| Sewage Treatment | 1,000 litres, (optional STP) |
| Oily Water Separator | 15ppm (optional) |
| Fire Hydrants | 3 station |
| Fixed Fire System | CO2 (if required) |
| Bilge System | Mechanical with electric backup |
| Tugger Winch | 5 tonne hydraulic (optional) |

ACCOMMODATION

Airconditioned and heated habitable spaces, cabins 1 x 2 person, 2 x 4 person. Galley, mess, large store, WC's, and showers. Seating for 16 passengers in wheelhouse.

DECK EQUIPMENT

| | |
|-----------------|---|
| Fendering | Half round strake c/w aircraft tyres |
| Deck Protection | Hardwood timber (optional) |
| Cargo Lashing | Recessed SWL 2 tonne |
| Deck Crane | Knuckle boom 1 tonne @ 15 meters (optional) |
| Mooring | 8 x double bit bollards |
| Plating | Hull 6mm, bottom 8mm and cargo deck 10mm |
| Access | Gangway and gunwale door |
| Anchor | 1 x 230 kg with 1 x 210 chain, 1 x winch |
| Loading Ramp | 6.00 meter clear width, electric winches |

NAVIGATION

| | |
|-------------------|------------------------------------|
| Searchlight | 2 x Francis L300 remote control |
| Radar System | Simrad NSS16 MDF Halo 20 48 NM |
| Echo Sounder | Simrad BSM 3 c/w 1 kW TXPR |
| Nav Plotter | Simrad NSS16 |
| GPS | Simrad GS25 |
| DGPS | Simrad MX610 |
| Auto Pilot | Simrad AP70 |
| SSB / HF Radio | Icom M85E |
| VHF Radio | Icom M510E |
| Handheld Radio | 1 x Icom M85E |
| Compass | Simrad Fluxgate FC40 |
| Intercom | 2 x Icom M510E c/w wireless remote |
| Barometer / Clock | As directed by Flag State |
| Navigation Lights | SOLAS approved |
| Fog Horn | SOLAS approved |
| Deck Lights | 6 x recessed |
| EPIRB | Simrad 406 |
| SART | Simrad SA70 |
| Inmarsat | C system iFleet one wideye |

LIFE SAVING

| | |
|--------------------|--------------------------------|
| Life Rafts | 1 x 20 person SOLAS |
| Personal Flotation | 20 x SOLAS |
| Tender | 8.0 meter c/w 40 HP (optional) |

MOC LORD HOWE 34m LANDING CRAFT

