



Outline Specification for 21 m Motor Yacht

1. General - This specification describes a distinguished twin screw motor yacht which is intended to be used for coastal and offshore cruising around Europe, the Caribbean and US East coast. Although not necessarily intended for transatlantic passages she is constructed and equipped to be suitable for long offshore cruising.

2. Main particulars - The yacht has the following main particulars:

| | | |
|---------------------------|----------------------|---------------|
| • Length Overall | - 21.10 m | (69' 3") |
| • Length Waterline | - 19.0 m | (62' 4") |
| • Beam Overall | - 5.00 m | (16' 5") |
| • Beam Waterline | - 4.57 | (15'0") |
| • Draught | - 1.36 m | (4' 6") |
| • Displacement (50% load) | - 35.7 tonnes | (78718 lbs) |
| • Performance | - 23 knots (maximum) | |
| • Fuel | - 7000 lit | (1850 US gal) |
| • Fresh water | - 2000 lit | (528 US gal) |

3. Regulations - The yacht will be built and equipped to comply with the following regulations:

- EU Recreational Craft Directive – design category A.
- The Code of Practice for the Safety of Small Commercial Motor Vessels, Category 1.

4. Construction - The hull and superstructure will be of welded aluminium construction in accordance with rules and regulations of a recognised classification society. Five bulkheads will be incorporated in the hull to form watertight compartments:

5. Machinery - The following main machinery will be fitted:

- Main engines - 2 x Caterpillar C-12, D rating 425 kW (570 bhp) at 2300 rpm
- Gearboxes - 2 x ZF 311A
- Generators - 20 kW and 12 kW

6. Performance - The yacht's performance will be as follows:

- Maximum speed – 23 knots
- Fast cruise speed – 18 knots, range 700 nm
- Cruise speed – 15 knots, range 1000 nm.

7. Accommodation - The yacht provides the following air conditioned accommodation:

- Owners cabin with shower and WC
- Guest cabin with shower and WC
- Crew (2) cabin with shower and WC
- Saloon and dining area

- Galley
- Wheelhouse
- Cockpit with seating (non AC)

8. Deck equipment

- Bow anchor
- Electric anchor windlass
- Stern anchor
- 6 Bollards
- 6 Fairleads
- 2 Warping drums aft
- Electric bow thrusters
- Telescopic passerelle
- Flush deck hatches
- Swim platform
- Removable cockpit awning
- Teak rail caps
- Teak decking.

9. Domestic appliances

- Washer / drier
- Cooker
- Oven
- Microwave
- Ice maker
- Fridge (galley)
- Fridge (external)
- Freezer
- Garbage compactor
- Garbage stowage (refrigerated).

10. Navigation equipment

An integrated navigation system will be fitted to display the following inputs:

- Radar
- Autopilot
- Compass
- Log
- Echo sounder
- Wind speed and direction
- GPS
- Chart plotter
- Engine data.

11. Communications

External communications will be fitted including the following:

- VHF with DSC
- Portable VHF
- GSM

- Navtex
- Satellite email facility
- Shore telephone connection
- Weather fax
- Loud hailer
- EPIRB
- SART.

12. Tenders and davits

The yacht will carry one tender:

- A 3.6 m (12') RIB fitted with 20hp outboard. This may be stowed on the foredeck or swim platform according to conditions.
- A portable carbon davit will be used to launch and recover the RIB.

13. Safety equipment

The yacht will carry safety equipment including the following:

- Liferafts – 1 x 8 man
- Lifebuoys – 2
- Lifejackets – 10.