



Outline Specification for 30 m Motor Yacht

1. General - This specification describes a distinguished twin screw motor yacht which is intended to be used for offshore and oceanic cruising.

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

- | | | |
|---------------------------|--------------------|---------------|
| • Length Overall | - 30.10 m | (98' 9") |
| • Length Waterline | - 27.3 m | (89' 6") |
| • Beam Overall | - 6.3 m | (20' 8") |
| • Draught | - 1.7 m | (5' 7") |
| • Displacement (50% load) | - 92 tonnes | (202860 lbs) |
| • Performance | - 20 knots maximum | |
| • Range | - 3500 nm maximum | |
| • Fuel | - 21500 lit | (5680 US gal) |
| • Fresh water | - 2500 lit | (660 US gal). |

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

- MCA Code for large yachts
- Rules and regulations of recognised classification society such as Det Norske Veritas
- National requirements as applicable.

4. Construction - The hull and superstructure will be of welded aluminium construction in accordance with rules and regulations of a recognised classification society. Four 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-18, D rating 653 kW (875 bhp) at 2200 rpm
- Gearboxes - 2 x ZF 665V
- Generators – 2 x Northern Lights 33kW.

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

- Maximum speed – 20 knots
- Fast cruise speed – 18 knots, range 1600 nm
- Cruise speed – 12 knots, range 3300 nm.

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

- Owners suite with shower and WC
- Guest suite with shower and WC
- Twin cabin with shower and WC
- Crew (3) cabin with galley, mess, shower and WC
- Living area comprising saloon, dining area for up to 8, galley and office space.

- Wheelhouse with helm station, nav/coms area and seating for guests.
- Quarterdeck dining area for up to 8 (non AC)
- Flying bridge with sunbathing area, helm station and seating (non AC).

8. Deck equipment

- 2 Bow anchors
- Hydraulic anchor windlass (eg Muir HR6000)
- Stern anchor
- 6 Bollards
- 6 Fairleads
- 2 Warping drums aft (eg Muir VC5000)
- Hydraulic bow thrusters (eg Lewmar 400 Series)
- Telescopic passerelle (eg Besenzoni PI 381)
- Side boarding ladder (eg Opacmare 3221/22)
- Bulwark gates
- Deck hatches
- Wheelhouse and saloon doors
- Transom door
- Stanchions and rails fitted around bulwark
- Windscreen wipers
- Removable awning over aft deck area
- Fixed awning over flying bridge area
- 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
- Satellite phone (Iridium type)
- Shore telephone connection
- Weather fax
- Loud hailer
- EPIRB
- SART.

12. Tenders and davits

The yacht will carry two tenders as follows:

- On foredeck, 3.6 m (12') inflatable boat (eg Avon SE 360 DL) fitted with 20hp outboard, to be launched by a telescopic slewing crane (eg Opacmare 3075).
- In aft garage, 4.2 m (13'9") RIB (eg Zodiac YL 420 DL) fitted with 40hp outboard, to be launched by a telescopic crane (eg Besenzoni G 306).

13. Safety equipment

The yacht will carry safety equipment including the following:

- Liferafts – 2 x 10 man
- Lifebuoys – 4
- Lifejackets – 12.