



Canados 76'

Technical Specifications

August 2010

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1. General info

The purpose of these technical specifications and of the enclosed general arrangements is to describe in details the technical aspects of the construction of the M/Y Canados 76'. In case of technical discrepancies between the specifications and the contract, the specifications will prevail. The use of «or» in the specifications means that alternatives are possible and means «at the boat builder's discretion». The warranty is in conformity to the contractual terms.

The structure and dimensions have also been analyzed in terms of the phenomenon of fatigue, based on the average life of a craft of 30 years with 500 engines hours of use per year, half of which in rough sea conditions. The support structure of the main engines and heavy equipment in general have been calculated in consideration of vibrations and misalignment, following the supplier's specifications.

The M/Y Canados 76' has been designed and is built in accordance with the ISO rules; following the above mentioned rules the shipyard obtains the compliance certificate of the boat with the safety standards according to the 94/25/CE directive (Class A).

The M/Y Canados 76' is moreover built following the requirements indicated by R.I.N.A. (the Italian shipping register).

2. Main technical characteristics

2.1

Dimensions and capacities

| | | |
|--|-----------|---------------|
| Length overall (L.O.A.) | 23.50 m | 77 ft |
| Maximum beam | 5.86 m | 19.22 ft |
| Total height (from propellers to anchor light) | 9.16 m | 30.05 ft |
| Draft to propellers | 1.98 m | 6.5 ft |
| Water tanks capacity | 1.250 lt. | 343 Us.gal. |
| Fuel tanks capacity | 5.600 lt. | 1.478 Us.gal. |
| Grey water tanks capacity | 285 l | 75 Us.gal |
| Waste water tanks capacity | 240 l | 63 Us.gal |
| Empty displacement | 51 ton | |
| Full load displacement | 60 ton | |
| Maximum load (persons) | | 16 |
| Maximum load (passengers + supplies) | | 1.600 KG |
| Maximum load (passengers + supplies + liquid in tanks) | | 9.200 KG |

2.2

Engines and performance

M.A.N. V12 1550 CRM / 2 x 1550 hp / V-drive inverter ZF 2050V

| | |
|----------------|-----------------|
| Max speed | knots 31 +/- 3% |
| Cruising speed | knots 27 +/- 3% |
| Cruising range | nm 380 |

CATERPILLAR C32 / 2 x 1550 hp / V-drive inverter ZF 2050V

| | |
|----------------|-----------------|
| Max speed | 31 knots +/- 3% |
| Cruising speed | 27 knots +/- 3% |
| Cruising range | 380 nm |

The performance are based on 1/3 load (1/3 tanks), with the number of persons on board determined by the number of berths, fittings and equipment as defined by technical specification and the technical specifications of the main engines' builder.

2.3

Generators

2 KHOLER 20EFOZ 50 Hz 20 kW each, 220V, with sound shields, 12V start and control panel.

3. Construction characteristics

The Canados 76' is a motor yacht with deep V-hull. Hull, decks and superstructures built out of fiberglass.

The gel coat used in the construction (premium European manufacturers), is polyester isophthalic while the fiberglass (E type) is made of multi-axial textures. The first 3 layers of the hull fiberglass are made of vinyl ester whose characteristics offer good osmosis prevention. Decks will be of composite construction with a high density expanded PVC center, providing vessel strength and sound-heat insulation. Structural supports such as stringers, ribs and floors will be of expanded PVC foam covered with isophthalic resin reinforced fiberglass. Structural watertight bulkheads and internal structural bulkhead divisions will be of fiberglass with plywood interior dividing walls. Every manufactured products at the end of processing and assembly are controlled by a company that makes non-destructive and ultrasonic controls to certificate the conformity of the project (thickness, glassy reinforcement standards, ecc.) and the absence of any defects not found with the simple visual examination. The main qualitative parameters must not be without the following values:

Gel coat hull and superstructure: thickness not less than 700 micron, brightness degree not less than 70 – 75 gloss, hardness degree 15 – 25 Barcoll. Planking layers with proportion between glass/resin $G_c=0,4-0,45$. Rudders, rudder holes, stern tubes will be made out of OTS alloy while the shafts will be "Marinox 17" stainless steel. Interior paintwork (furniture, bulkheads, etc..) will be of transparent polyurethane and exterior steel components will be made out of stainless steel AISI 316 L. The superstructure tempered-stratified-glass window frames are glued onto the structure. Great care has been taken to ensure maximum heat and sound insulation to the engine room: bulkheads fitted with special sound, oil and fire insulation panels but in order to be easily inspected.

4. External layout and standard fittings

4.1

Flying bridge

Access from the aft deck via molded fiberglass stairs with teak-coated treads

Teak planking sealed by black cold-vulcanized rubber between stringers

Steering station

Engine controls

Navigation instruments

Steering wheel

Electronic engine controls

Controls for bow thrusters, flaps, windlass, horn, search light, intercome, bilge pump

Stainless steel and tempered glass windshield (color grey Europe)

Pilot seat with back and cushion

U-shaped cushioned seating with back and table

Sun bathing area with cushions

Frigobar with refrigerator, sink and grill

Antenna-holder roll bar

Electric search light

Two audio speakers

Under roll bar lighting

Navigation lights

Stainless steel bimini top and canvas

Drainage scuppers covering for instrumentation, helm seat, seating group, sun lounge and bimini top

4.2

Main deck

Teak planking sealed by black cold-vulcanized rubber between stringers
Stainless steel AISI 316 handrail capped with teak
fixed high-thickness windows made of tempered-stratified-glass and stainless steel AISI 316
2 weather tight stainless steel and light alloy doors for side access of pantograph type
Main deck lit with overhead lighting installed on the interior side of the handrail
Overhead spotlights on both side of the superstructure

4.2.1

Fore deck

24V 2500 Watt ORVEA electric vertical anchor winch, with anchor stopper and controls for easing, lifting and chain washing in the two steering stations
Hawse pipe for 90kg anchor with 100m chain 12 Ø
2 x 400mm cleats made out of stainless steel Aisi 316
2 roller fairleads made out of stainless steel Aisi 316
2 bollards amidships with fairleads;
Inspection hatches (chain and aft locker)
Companionway and stairs hatch in watertight tempered glass and stainless steel Aisi 316;
Emergency exit from VIP cabin;
Built-in deck sun pad with cushions;
Fresh water shower;
2 storage lockers below the sun pad on either side
3 wipers with wash/wipe on the wheelhouse windshield with wheelhouse controls
Weather-tight coverings for the wheelhouse windshield
Access door on the deck to the chain locker
Scuppers

4.2.2

Aft deck

2 x 24V 1500 Watt electric capstans
4 x 400mm AISI 316 bollards
2 roller fairleads in stainless steel Aisi 316;
Stainless steel AISI 316 and tempered-glass door to the main saloon
1 fresh water and 1 fuel filler on the superstructure
1 fresh water and 1 fuel filler on the deck
Built-in cushioned sofa and table with storage below
4 light alloy pull-up chairs
Stern access to crew cabin and engine room through a pantograph door on the transom
Outdoor lighting and audio speakers under ceiling
Port and starboard stainless steel 316 / Plexiglas gates on stairs to swimming platform
Electro-hydraulic (length 3.80 m), stainless steel Aisi 316 gangway with teak treads, telescopic with local and remote controls
Molded fiberglass stairs with teak treads to swimming platform
Locker for two 220V connections (one for the main system and one for the air conditioning)
Locker for holding tank dockside pump-out, dockside water connection and hot/cold hand shower
Stainless steel AISI 316 foldable swimming ladder with teak treads
16 stainless steel AISI 316 portholes with fly screens (two large portholes set vertically on each side) or port hole open alarm on the main alarm panel in the pilothouse
Motor yacht stern name

5. Interior decoration and fittings

5.1.1

Saloon/dining

Upholstery sofa and coffee table
Furniture with drawers and doors for china storage
Dining area with table and 8 free standing chairs
Entertainment center including TV LCD 32", DVD, stereo with CD player and speakers
Telephone
Ceiling spotlights
Power sockets and light switches;
Air conditioning fan-coil;
Lacquered-wood ceiling panels;
Valance with windows dress curtains
Carpet

5.1.2

Galley

Kitchen is build exclusively by BOFFI for CANADOS
Sliding door entrance
Teak, corian or marble flooring
Lacquered-wood furniture with marble or Corian® counter top
hanging lockers
Double stainless steel sink with single-lever (mixer) faucet
60 cm oven
70 cm ceramic work surface and inbuilt hob
Dishwasher (8 pax)
Refrigerator/freezer
Lacquered-wood ceiling panels
Ceiling spotlights
Power sockets and light switches.

5.1.3

Wheelhouse

Steering station
Engine controls display
Navigation instruments
Steering wheel
Water tank level indicators
Electronic engine controls;
Controls for bow thrusters, flaps, navigation lights, wipers, winches, horn, intercom, bilge pumps
Porthole open, bilge and holding tanks alarms
Leather ergonomic helm chair
Air conditioning fan-coil
Lacquered-wood ceiling panels
Ceiling spotlights
Power sockets and light switches
Leather seating with wooden breakfast table
Stairs to the lower deck with hand rail;

5.2

Lower deck

5.2.1

Vip cabin

Walk-around bed, bed base with drawers and padded headboard
Bedside tables with drawers and shelves
Furniture on bulkhead
Dressing room with storage drawers and hanging rail
Wooden wall and furniture panels
Lacquered-wood ceiling panels
valance with portholes dress curtains
TV systems LCD 19" with DVD e stereo systems with CD player and speakers
Telephone
Ceiling spotlights
Power sockets and light switches
Air conditioning fan-coil
Mattress and pillows
Fabric counterpane
Carpet

5.2.2

Vip bathroom

Vanity mirror with marble or corian® top
White porcelain wash-basin, WC and bidet
Separate shower cabinet with lacquered ceiling
Wood furniture panels
Wooden and/or laminated plastic walls
Lacquered wood ceiling panels
Porthole dress curtain
Ceiling spotlights;
Power sockets and switches;
Teak, marble or corian flooring
Mirror
Brass plated taps
Bathroom accessories

5.2.3

Guest cabins

Twin beds with bed base with drawers and padded headboards
single bedside table with door and shelf
Full-height closet
Wooden wall and furniture panels
Lacquered-wood ceiling panels
Valance with portholes dress curtains
TV systems LCD 19" with DVD and stereo systems with CD player and speakers;
Telephone
Ceiling spotlights
Power sockets and light switches
Air conditioning fan-coil
Mattresses and pillows
Fabric counterpane
Carpet

5.2.4

Guest bathrooms

Vanity mirror with marble or corian® counter top;
White porcelain wash-basin, WC and bidet (right-hand side only)
Shower cubicle with lacquered ceiling
Wood furniture panels;
Wood and/or laminated plastic walls;
Lacquered wood ceiling panels;
Porthole dress curtains;
Ceiling spotlights;
Power sockets and light switches;
Teak, marble or corian flooring
Mirror
Brass plated taps
Bathroom accessories

5.2.5

Master cabin

Walk-around king-size bed, bed base with drawers and padded headboard;
2 bedside tables with doors
Side furniture with drawers and doors
Dressing room with storage drawers and hanging rail
Wooden wall and furniture panels
Lacquered-wood ceiling panels
Valance with portholes dress curtains
TV LCD 19" system with DVD and stereo with CD player and 2 audio speakers;
Telephone
Safe inside the wardrobe
Ceiling spotlights;
Power sockets and light switches
Air conditioning fan-coil;
Mattress and pillows;
Fabric counterpane
Carpet

5.2.6

Master bathroom

Vanity mirror with marble or Corian® counter top;
White porcelain wash-basin, WC and bidet;
Separate shower cabinet with with lacquered ceiling and ceiling spotlight
Wood furniture panels;
Wood and/or laminated plastic walls;
Lacquered wood ceiling panels;
Porthole curtains;
Ceiling spotlights;
Power sockets and light switches;
Teak, marble or corian flooring
Mirror;
Brass plated taps;
Bathroom accessories

5.3 Crew area

5.3.1

Crew cabin

2 bunk beds with storage below;
Hanging locker;
Air conditioning fan-coil;
Stereo with CD player and 2 audio speakers
Telephone
Lacquered wood ceiling panels
Ceiling spotlights
Wood with inlaid maple flooring

5.3.2

Captain cabin

Single bed with storage below
Hanging locker
Air conditioning fan-coil
Stereo with CD player and 2 audio speakers
Lacquered wood ceiling panels
Telephone
Ceiling spotlights
Wood with inlaid maple flooring

5.3.3

Crew bathroom

Separated facilities with sink, water closet and shower;
Furniture, wall and ceiling fixtures coating in laminated plastic.
Teak flooring

5.4

Engine room

Access from the crew area through a watertight aluminum door to main engines room
Main engines and generator units
Fuel tanks
Waste water collection tank
A/C condensation collection tank
Filters for main engines and generators
Grey water pump
Autoclave (pressure pump)
Desalination unit
Air conditioning system
Electric fans
Fire prevention grilles
2 air inlet Munters filters
Water sealing components
Pump for waste water
Waste water manifold
Filters for air-conditioning, desalination, fire-fighting and generators
Batteries for engines, systems and generators
Emergency escape

5.5

Lazarette

Waste water tank
Bilge draining pump
Fire fighting system pump
Gangway control panel
Pump for rudders
Flaps supply pump
Washer/ dryer
Battery cut-off device for engines, generators, batteries and bow thruster;
Bilge manifold
Engine waste water manifold
Grey water drainage pump
Electrics control panel
Rectifier control panel
Electro-hydraulic gangway
Hand pump for bilge system
Engine waste water pump

5.6

Interior decoration and fittings

Furniture and coverings in wood
Walls in wood and/or upholstered panels
Sofas and chairs in fabric
Lacquered wood ceiling panels
Fitted carpet in all areas
Padded headboard for each bed
Mattresses and pillows for each bed
Bed covers
Crew cabin in essence
Ceiling spotlights in all areas
Soft night lighting under stair treads
Soft night lighting under beds
Furniture interior lighting
Bilge interior lighting
Bed headlamps or spotlights
Railway in treated metal
Chrome or satinated taps for all bathrooms
Bathroom accessories
Mirrors in all bathrooms

All accessories including bathroom and kitchen tabs, switch plates, door handles, interior and exterior lights, carpet and upholstery, marbles and woods can be selected by the customer among the standard décor and accessories samples present at the yard showroom.

For materials and accessories which are not included in the standard samples offered by the yard, the customer, in order to source materials from different suppliers and/or indicate to the yard the name of the suppliers for procurement, needs to sign a specific agreement with the yard. These items will be then priced separately.

6. Navigation control systems and electronics

6.1

Wheelhouse

Steering station control panel with the following instruments:
Engine remote controls
Engines hour counter
Engine water temperature
Engine oil pressure gauge

Inverter oil pressure gauge
Engine batteries voltmeters
Start and stop engine switches
Flaps and trim indicator
Winch and anchor washing controls
Bow thruster control;
Magnetic compass;
Navigation, position and dashboard light switches
Horn control
Bilge, port-hole open and low tank alarm panel
Window wash/wipe controls
Radar / GPS Chart/ Plotter /echo sounder FURUNO Navnet LCD 12.8" 48 nm
GPS FURUNO GP 32
Navtex FURUNO NX 300
Autopilot Navpilot FAP 500
VHF FURUNO FM 2721 DSC-D
Telephone switchboard with 3 incoming lines and 10 outgoing lines
GLOMEX television antenna
Operating intercom between steering positions and engine room with headphones
Wheelhouse-controlled color TV-camera in engine room and aft deck

6.2

Flying-bridge steering station

Engine control panel
Engine hour counter;
Engine water temperature;
Engine oil pressure gauge;
Inverter oil pressure gauge
Engine batteries voltmeter
Engine start / stop switches
Engine alternator leds
Flaps and trim indicator;
Winch and anchor washing controls
Micro commander lever controls;
Radar / GPS Chart Plotter / echo sounder / FURUNO Navnet LCD 10.4", 48 Nm
GPS FURUNO GP 32
Navtex FURUNO NX 300
Autopilot Navpilot FAP 500
VHF FURUNO FM 2721 DSC-D
Epirb SAILOR 2
Telephone switchboard with 3 incoming lines and 10 outgoing lines
GLOMEX television antenna
Operating intercom between steering positions and engine room with headphones
Wheelhouse-controlled color TV-camera in engine room and aft deck

7. Electrical system

Auto-extinguishing PVC unipolar cables installed in accordance with the Classification Organizations and CEI regulations with IMQ quality and marking
Lighting operating system is a 'low-profile' type
DC and AC cables running independently from the main electric panel
Electric power on board provided by:
220 Vca monophasic 50Hz for circuits, switches, TV and Hi-Fi
24 Vcc for lights and navigation systems
12 Vcc for starting generators and VHF

7.1

Main control panel

Main control panel is located in the lazarette with in-out connections to all utilities

2 generator units 20 kw, 220 V 50 Hz

Shore power 220 V 50 Hz 20 kw

2 x 24 V alternators

24 V service batteries

24 V main engine starting battery 220V ac 50 Hz will be provided through magneto thermal switches to:

Air conditioning and fan-coils;

Boiler;

Autoclave;

Galley sub-panel

below deck switches

Water-maker

Battery charger

Refrigerators

Ice-maker

Television - Hi-fi, video cameras.

24V dc fed through magneto thermal switches to:

Automatic bilge pumps

Gangway

Navigation lights

Main engine leds

Fittings

Dashboard

Electronic equipment

Flaps

Main bilge pumps

Warping

Grey and waste water pumps

Winch

Engine room air extractors

Engine room ventilation fans

Inverter supplier

Autoclave

Bow thruster

WCs

Lighting

7.2

Wheelhouse sub-panel

Sub-panel provides easy control for any application

LCD equipment.

7.3

Galley sub-panel

Fed via magneto thermal switches to:

Ceramic work surface

Oven

Built-in hob

Dishwasher

Washer-dryer

Fridge / freezer

220V sockets

7.4

Batteries and rechargers

2 units for a total of 160A

Battery system will charge the service and engine starting batteries automatically

Batteries are allocated in 4 main groups:

n°1 of 480 Ah to start main engines

n°2 of 120 Ah to start generators

n°1 of 600 Ah for other yacht services

7.5

Alarms

Navigation lights

Bilge high-level water

Grey and black tank high-level

Generators overload

Porthole open

Engine room smoke detector

8. Hydraulic and sanitary systems

8.1

Fresh water system

One 1.250 L integral tank fitted in the central area of the craft fitted with stainless steel inspection covers

Electrical float gauge linked to the main steering position

System pressure will be provided by an 24 V autoclave with two pumps (one on stand-by) G & R

Ecojet 2B, System designed to facilitate full vessel usage in event of any single unit of system failing

Hot water is provided by 1 water heater with 80 lt capacity located under the corridor between the 2 guest cabins

Fresh water circuits feed the sanitary system (wash-basins, showers, bidets and water-closet), the galley (sink, dishwasher), the outdoor decks, the lazarette (washing-machine), the engine room (main engines and generator cooling)

Automatic water-maker Idromar/MC2J with 130 L/hour capacity

8.2

Grey water system

285 lt. grey water tank capacity

1 self-priming G & R MV44E pump with a second unit on standby for automatic tank water output or by hand if indicated by the alarm system

Tank fed from system connecting washbasins and sinks, showers and bidets, dishwasher and washing machine

Anti-odor filter on the tank's vent

8.3

Waste water system

240 L waste water tank

2 self-priming 24V (one in respect of the other) G & R ACO MV 44E pumps to ensure manual tank discharge if triggered by the alarm system

A manifold system

WC works on fresh water, discharge in waste tank and are operated with a electrical pump

Anti-odor filter on the tank's vent.

9. Bilge system

9.1

Manual bilge drainage system

1 self-priming G & R ACM 311 BT 24 V pumps

All bilge pipes are connected to a manifold located in the lazarette and provided with ball valves and non return valves on each pipe

Return valves fitted on each pipe; for emergency bilge pumping, manual controlled valves will start the self-priming pump that will discharge drain water

A third manual pump manufactured by G & R (excelsior 4) is linked to the main system for emergencies

Fire-fighting pump can be by-passed and used in emergencies

9.2

Automatic bilge drainage system

A second bilge draining system is made up of 3 submerged high-speed RULE 1500 pumps automatically operated if triggered by the pump bilge level float.

9.3

Engine waste water system

A self priming mechanical pump connected to a manifold discharges engine waste water using a portable container or hose under main engines and in the center of the engine room

Engine waste water can be removed using a movable container or a plugged hose.

10. Fire-fighting and fire protection systems

A semi-automatic engine room system

Sea water system

Manual system with portable fire extinguishers

10.1

Semi-automatic system

Operated using a handle on the aft deck with stainless steel remote control of the CO2 bottles located on the aft deck

CO2 audible alarm in engine room (about 15 seconds)

Rapid self-locking of engine room air inlets

Quick auto-locking of fuel valves on tank bottom

Auto-locking of ventilation grilles

Engine room electric extractor fan cutoff

Fuel valves fitted to main engines and generators rapid manual locking

System test at any time without emptying the main CO2 bottle.

10.2

Sea water system

1 x G & R ACM 311 BT self-priming pumps

2 fire hose with coupling connection and terminal nozzle

Chain wash operated by an electric valve.

10.3

Manual system

2 portable 2 Kg fire extinguishers: one in the lazarette and one in the wheelhouse

1 portable 1Kg fire extinguisher in every cabin including crew area, galley, saloon and flying bridge

11. Sea water systems

2 sea water inlets and filters for the main engines cooling system
2 sea water inlets and filters for the generators cooling system
1 sea water inlet and filter for the air conditioning pump
1 sea water inlet and filter for the water maker pump
1 sea water inlet and filter for the sea water fire-fighting pump
Wash anchor pump fed by an electro valve

12. Steering system

12.1

Rudders

2 rudders with rudder holes and OTS bronze tillers
Power assisted hydraulic steering with copper lines
Hydraulic pumps in the wheelhouse and flying bridge steering stations;
24V station with self-cleaning electro-pump with power steering electro valves and oil filling point;
Hydraulic piston connected to one of the rudder tillers to transmit the movement to the second rudder through a bar coupling
Rudder angle indicator fitted on the wheelhouse console

12.2

Flaps

Stainless steel AISI 316 blades
Twin hydraulic pistons for each blade
Hydro electric switchboard with controls in the lazarette
Indicators and starting controls in wheelhouse and on flying bridge

12.3

Bow thruster

Electric Vetus 280 KgF bow thruster
Steering station controls

13. Fuel and oil systems

Aluminum tanks with inspection covers holding a total of 5600 L can be easily discharged at any time
Digital tank level sensors
Automatic (or manual) fuel cut off via the fire fighting system
All fuel lines between tanks and engines/generators will be in copper and flexible neoprene
2 Racor engine filters
2 Racor generator filters

14. Engine room ventilation

14.1

Inlets

2 air inlets (port and starboard) on the superstructure
4 stainless steel fire stop grilles with automatic closure controlled by firefighting system.
2 Munters Euroform sea water filters (port and starboard) mounted after the air inlets
4 electric G & R ELL315/2 ventilators (port and starboard)

14.2

Outlets

2 air outlets allocated on the superstructure are integrated with the design of the MY and the grilles in PRFV

2 stainless steel fire stop grilles with automatic closing controller by the fire fighting system

2 electric fan G & R ELL 315/2 reversible

15. Engine and transmission

2 engines mounted on base in straight and fixed shaft configuration linked to engines by forged steel flange

2 stainless steel of AISI MARINOX 17shafts

2 fully watertight TECHNOSYSTEMS hydro seal shaft couplings

2 OTS shaft bearings with OTS hydro oil stern tube

2 Nibral (nickel/bronze/ aluminum) four-blade propellers with variable pitch

2 zinc propeller hub nuts

16. Main engine exhausts

The exhaust pipes, made of AISI 316, are designed and dimensioned according to engines manufacturer's specification. The main exhaust manifold is connected to the under-water exhaust which is made of GRP and it is an integral part of the hull. Exhaust raisers are cooled with sea water. Riser with bypass pipe for exhaust fumes when boat is stationary or operating at low speed, with IVG reinforced rubber hosing.

17. Generator exhausts

The exhausts pipes are designed and dimensioned according to generators manufacturer's specifications. Expansion silencer - Cooling water/exhaust fumes separator - End thru-hull fitting for exhaust fumes and submersed outboard fitting for cooling water

18. Air conditioning systems

CONDARIA 18002 pcwm/co with 220V 90,000 BTU/H compressors

Compressors fitted in the engine room

Fan coils in every room with thermostats and switches;

As a general indication the following temperature conditions can be maintained:

Winter: outside 5°C / inside 20°C

Summer: outside 35° with 70% humidity / inside 22° with 50% humidity

19. Refrigeration system

System based on Frigomar cooling units, all sea water cooling. Each of these units comprises:

Fridge unit with double compressor 24/220V/50 Hz

Cu-Ni outboard condensers

Coolant tank with level, filter and electro-valve alarms

Cooling units are connected to the refrigerator and freezer with total capacity of 565 lt located in the galley

1 frigobar located in the flying bridge 40 L

1 fridge units in master cabin 40 L

20. Earthing system

2 copper stringers are connected from bow to the transom/anodes.

All fittings such as tanks, sea cocks, filters are connected to the ground system with copper leads

The ground system of the electric circuit, connected with all the electric panels, is linked with an independent porous copper plate. Moreover an additional ground system is connected to all the electronics and navigation systems

21. Standard equipment

Black color hull antifouling
Grey water line
Barometric station
2 inflatable dinghies for 8 people
1 life-belt with light buoy and 30m cord
16 life-jackets
First-aid kit
2 boat-hooks
3 balloon fenders A4 type
6 cylindrical fenders F6 type
1 spare 35 KG anchor
4 mooring ropes 24 Ø 15m with chain piece and mooring snap link
1 black 100m 24 Ø towing rope
National flag on flag holder
Stern boat name

22. Optional equipment

Equipment not mentioned in these technical specifications and any variation must be negotiated between the customer and the shipyard

The yard reserves the right to modify these specifications without notice, solely for the purposes of improving the boat's final construction.