

COSTA MAGNA

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1. ACCOMMODATION

MAIN DECK

The large OWNER'S SUITE is forward on the main deck. The foremost part occupies the full width OWNER'S BATHROOM finished in the rose pink marble. The bathroom has access through doors on the port and starboard sides. Amidships is a large marble bath with phone shower. On the starboard side of the bath is a bidet and a washbasin. On the port side are the toilet and a washbasin. Next is the centrally positioned double bed with bedside tables on either side. On the port side of this stateroom is a sofa. Further aft is the OWNER'S STUDY. To starboard is a desk and executive chair. Opposite is a sofa and chair and a coffee table. This cabin has ample locker and hanging space.

On the starboard side of the aft bulkhead is a door giving private access to the on-deck bathroom with a head and washbasin (access for guest is from the passage way running down the starboard side).

Access to the owner's quarters is from this starboard side passageway. Here is access up to the wheelhouse and down to the guest quarters.

Amidships, through a door from the passageway, is the L-shaped GALLEY and PANTRY AREA. Forward to port are the stairs leading down to the crew's quarters.

Aft is the DINING ROOM with a large round table for ten guest. and the MAIN SALOON which has an intimate central seating area with two sofas facing each other. There are two sliding doors leading from the saloon to the large AFT DECK.

LOWER DECK

From forward is the CREW AREA with to port an UPPER and LOWER BERTH CABIN and to starboard an UPPER and LOWER BERTH CABIN with a bathroom ensuite including a shower, head and washbasin. Aft to port is a bathroom with a shower, head and double wash basin. Aft to port is a TRIPLE BERTH CABIN. The CREW MESS has a dining table with a U-shaped settee. There is a video library with a television and video recorder. In the starboard corner is an electric Miele 4-burner ring stove and double stainless sink. Along the aft bulkhead are large refrigerator and deepfreeze storage. Aft to port of the crew mess is the LAUNDRY AREA. Aft (through a watertight door) is a walk-in COLD DRY STORE. Aft to port is a bathroom with a head. Aft of this is a TWIN CABIN with upper and lower berths. Then there is the stairway for the crew access to the main deck. There is an emergency crew exit from the forward crew cabin.

Aft, through a door, is the crew service access to the lower deck GUEST ACCOMMODATION. To starboard is a DOUBLE BEDDED CABIN with a bathroom ensuite including a bath with a telephone type shower, a double sink and an adjoining head and bidet area. The cabin is equipped with a radio cassette and an internal phone. There are hanging lockers and drawers. Aft to port is a small TWIN BEDDED CABIN, which has two berths, installed, one athwart ships and one the length of the vessel. Aft to starboard is a DOUBLE BEDDED CABIN with a

bathroom ensuite with a bath, a double sink, adjoining bidet and head area. This cabin has a sofa, radio cassette player and internal phone. There are hanging lockers and drawer space. Aft to port is a TWIN BEDDED CABIN with a bathroom ensuite with a shower stall, a double sink and adjoining head and bidet area. The cabin is equipped with a radio cassette player and an internal phone. There are hanging lockers and drawer space. There are storage cupboards in the hallway.

From the engine room there is a possibility of access to the GARAGE with a lift to aft deck (not in use presently). Access is through the hinged aft bulwarks and ramp to the shore.

UPPER DECK/SKY LOUNGE

Forward the wheelhouse is L-shaped with the radio room area on the port side and the entrance to the CAPTAIN'S CABIN on the starboard side. The captain's cabin has a single bed that can be opened to form double. There is a desk and an ensuite bathroom with a shower, head and washbasin.

From the radio room area is a door leading to a short passageway from which is access to a DAY POWDER ROOM and to the SKY BAR. This has a L-shaped seating to port and to starboard and a bar with a small stainless steel sink and an Electrolux frigo bar with icemaker. Double sliding doors lead onto the UPPER DECK with a large dining table and 2 additional dining/coffee tables with banquette seating. The JACUZZI DECK is adjacent and has a spa Jacuzzi with banquette seats on either side. There is teak decking throughout.

Up from a corridor is access to the FLYBRIDGE AREA, which is teaked. There is a steering console amidships with a bench seat with duplicate controls. An extension was constructed in 1999 to give a total of 60 m². There is a bimini top over the fly bridge.

2. MAIN CHARACTERISTICS

TYPE	Displacement hull
BUILDER	Proteksan
NAVAL ARCH.	A. Marcati
INTERIOR DESIGN	Victor Tebar Yacht & Aircraft Interior Design
YEAR	1984 / 20011
CONSTRUCTION	Steel
FLAG	Portuguese, Madeira
ENGINES	2 x 867 hp G. M. engines type 12V 149T diesels
TRANSMISSION	twin disc gear boxes
RATIO	4.94: 1
CLASSIFICATION	RINA VE, Commercially Registered. Licensed to cruise with 12 passengers up to 150 miles from safe haven and 36 passengers up to 3 miles from coastline

GRT 318

3. DIMENSIONS

LOA 44.5m / 146'
Beam 7.6m / 23'11"
Draft 2.9m / 9'6"

4. CAPACITIES

Accommodation 10 / 12 guests in 5 cabins, 4 ensuite bathrooms
Crew 9 crew in 5 cabins, 4 ensuite bathrooms
Fuel 90,055 litres / 23,780 US Gal.
Fresh Water 20,014 litres / 5,285 US Gal.
Lube Oil 1,500 litres / 396 US Gal.
Dirty Oil 1,000 litres / 264 US Gal.
Grey / black Water 2,000 litres / 528 US Gal.

5. SPEED

Maximum 13.5 knots at 1800 rpm
Cruising 12 knots at 1600 rpm
Range 4,000 nm at cruising speed

6. MECHANICAL EQUIPMENT

Generators 2x 115 kW Stamford generators driven by 671 Detroit diesels with Centek silencer/water seperaters.
Bow thruster John Deer 6068TFM50Diesel engine
Sauer Danfos Hydraulic Pump
Hardy Engineering Hydraulic Motor
Stabilisers 2 x Koopnautic
Electricity 24V / 220V, 3 phase
Battery type For the main engine's
4 x 200AH – 12V Acid type
Service Battery's
6 x 160 AH 12V Gel type
Emergency Battery's
2 x 160AH 12V gel type
Generator battery's
2 x 200AH 12V Acid type
Chargers 380V 220V, 3 phase, 50 cycle & 24V

Fuel separator	Alfa Laval separator
Water maker's	5,677 litres / 1,500 US Gal./day
	3,406 litres / 900 US Gal./day by 2 x reverse osmosis
Air-conditioning	4 fan coil AC compressor (each cabin has its own modular air conditioning unit)
	Fridge system with new compressors, seals and full revision 2001 & 2002

7. SAFETY EQUIPMENT

Fire fighting	29 x fire extinguishers – yearly checked
	New fire alarm system installed in engine room in 1999
Life rafts	2 x Zodiac 12 Man. 2 x DSB 12 man.
Life jackets	53 x SOLAS approved life jackets
Life rings	2 x Man over Board life rings and lights SOLAS
Flares	As per class
EPIRB	Yes SOLAS
SART	Yes SOLAS
A.I.S.	Furuno FA 150
First Aid kit / stretcher	As per class
CCTV system	Ikegami video security system
Line Throwing Appliance	Speedling
Emerg. breathing device	Breathing apparatus for 2 fire fighters with complete SOLAS approved suits

8. NAVIGATIONAL EQUIPMENT

Magnetic compass	Type
Gyro compass	Anschultz gyrocompass
Automatic Pilot	Anschultz autopilot
	TMQ Bosun autopilot (2 nd autopilot)
Echo sounder	Autohelm depth sounder and speed log
	Furuno colour echo sounder
Radar	Arpa Raytheon M25 radar (conforms to GMDSS)
	Furuno 72 mile radar
DGPS	FSN 70 satellite navigator Furuno GPS Navigator GP 80 (2 x GPS)
Charts	Large collection
Navtex	ICS Navtex (GMDSS)
Log	HP tel copier
Wind instruments	VDO wind indicator and wind speed

9. COMMUNICATION EQUIPMENT

SATCOM	Nera Saturn M Satellite Telephone System
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VHF	Sailor VHF RT 2048 (GMDSS)
Loudhailer	Icom M719 SSB radio
Land line/intercom	Panasonic electronic telephone system Bang & Olufsen and Siemens telephone handsets
Miscellaneous	Icom GM110 DSC panel (GMDSS) Searocq stabiliser control unit

10. BRIDGE OFFICE EQUIPMENT

Fax/copier	HP tel fax copier
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11. ENTERTAINMENT EQUIPMENT

Television	Seatel satellite television system 2010/5decoders Television and video in saloon 1998 5 x televisions and videos in guest cabins 1999 Television and video in crew mess 2009
Music	6 x Bang & Olufsen Music CD systems 1998

12. GALLEY and LAUNDRY EQUIPMENT

Main Galley / Pantry:

Freezer	Large American Style
Refrigerator	Yes
Cooking unit	Large commercial Zanussi 4-burner stove and ovens 2 x large Zanussi electric plates and deep fryer
Microwave Oven	Dimension 4 micro wave
Dishwasher	Miele dishwasher
Sink grinder	Stainless steel sink
Ice Maker	Brema icemaker

Laundry:

Washing Machines	New 2009
Tumble Dryers	New 2009
Steam Iron	New 2010

13. TENDERS and WATERSPORTS EQUIPMENT

Tenders	2 x Novamarine 450 tenders turbo jet propellers
Water sports	2 x Yamaha wave runners Water skis
Crane	2 x Cramm Engineering cranes 1 x Sanguinetti telescoping hydraulic 1000Kg

14. ANCHOR/MOORING SYSTEM

Anchor winch	Type Electro Rossi
Anchors	2 x 210Kg
Chain	2 x 170mm 21mm diameter
Capstans	Rossi type MRV 126F07 1.1kW
Mooring lines	As per class

15. BOARDING ARRANGEMENTS

Passarelle	Hydraulic type 24DC 24.C.002 "PIN Craft"
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COMMENTS:

COSTA MAGNA was built and is currently, to RINAVE Commercially Registered. She has a proven record of cruising extensively in the Atlantic, Indian and Pacific Oceans.

There was a total renovation of main saloon and master cabin, including carpeting throughout guest areas, bar, passageways and bridge in 1998 and 2006. The new interior includes mahogany wood furniture, hand woven carpets, and lacquered panels with mahogany insets.

The refit in 1999/2000 included:

- Two new cranes (Cramm) and two new tenders (Novamarine)
- New teak decking on the wheelhouse deck
- New sundeck area
- New seating on aft deck
- Fly bridge extension giving a total of 60sq meters
- Superstructure painted
- Installation Sea-Tel satellite system

The refit in 2001/2002 included:

- Sandblasting of under water hull
- Application of new antifouling
- Installation of new grey water tank and respective pipe work
- Installation of new cathodic system
- New tail shafts and stern tube glands
- New teak decking on the foredeck and on the fly bridge deck
- General maintenance of main engines and generators

Build-up coat of antifouling
Painting with Awlgrip paint system by Pinmar.

The refit in 2003/2004 included:

Installed new sewage system (Hamman plant)
Installed new bow thruster
Installed new air conditioning system (Heinen & Hopman)
Installed new fridges compressor
Installed new stabilizers (Koop Nautic)
Built a swimming platform including a swimming ladder
Built hydraulic gangway
Complete overhaul of the 2 main engines
Complete overhaul of the 2 generators
Galvanized the chains and anchors
Replacement of seawater manifold after sea chests and all the valves on that manifold.
Alignment of the 2 propeller shafts
Replacement of the 2 propeller shafts
Changed the 2 boilers
Repaint the inside of the fresh water tank
Change of the deck plate in the floor salon (aft part)
Built a bow storage
2 Yamaha wave runners
2 Novamarine FH 450 170hp (2005)
Installed a new hydraulic rudder plant
Thickness measurement of the hull (under water line area) and replacement of the weak area.
Re-caulking of the decks
Replacement of the deck in the following area: upper deck, 2 corridors, main deck, aft deck. Replacement included teak, lamination, and inspection of the deck plates.
Replacement of the ceiling (including electric wires) of the 4 outside corridors
Change all the appliances of the galley (stove, oven, fridge)
Enlargement of the bed in the master cabin.
Painting of the hull (topsides)

The 2006 refit included:

New carpets throughout main deck and Owner's area
New wooden blinds installed main deck and sky lounge
All new upholstery in the sky lounge
New upholstery in the dining room
New interior design of the main salon to the last details
Owner's cabin has all new fabrics and interior design
New carpets in Sky Lounge/bar

The 2011 refit included:

- Addition of numerous safety equipment to comply with new licence to carry 36 passengers.
- Superstructure repainted.
- New teak on upper deck
- Installation of Jacuzzi and adjacent lounging area.
- New crane installed on bow.
- Tenders relocated to bow.
- Modification/silencing of generator exhaust systems.
- New cushion covers on Flybridge.
- New covers/decoration on upper deck.

(Following layout plan does not reflect 2011 refit.)

