



# ANDROMEDA



## VESSEL SPECIFICATIONS

<b>Name</b>	ANDROMEDA
<b>Port of Registry</b>	Isla del Carmen
<b>Call signal</b>	XCAN2
<b>IMO Number</b>	9699074
<b>Flag</b>	Mexico
<b>Year of Build</b>	2014
<b>Name and Nationality of Owner</b>	Cotemar S.A. de C.V., Mexican
<b>Class</b>	DNV-GL :1A HSLC Crew R2 (Gulf of Mexico within 150 miles from shore).

## POWER GENERATION

• The ANDROMEDA is fitted with 2 Caterpillar generators, model C4.4, with a capacity of 86 KW@1500RPM 380V, 50 Hz, 3 ph

## DIMENSIONS

<b>Length</b>	41.70 m
<b>Breadth</b>	7.30 m
<b>Depth</b>	3.50 m
<b>Maximum operating draft</b>	1.711 m
<b>Hull</b>	Aluminum
<b>Speed</b>	20 knots
<b>Gross tonnage</b>	246 tons
<b>Net tonnage</b>	74 tons
<b>Fuel capacity</b>	49.205 m <sup>3</sup>
<b>Drinking water capacity</b>	37.83 m <sup>3</sup>

## PROPULSION

- The ANDROMEDA is fitted with 3 Caterpillar C 32 ACERT machines, with a capacity of 1450 BHP@ 2300RPM each, connected to their "ZF" gearbox
- The vessel has 2 bow thrusters with a capacity of 75 HP each



### NAVIGATION EQUIPMENT

- 01 GPS Furuno GP150 01 GPS Furuno 1670
- 1x Magnetic compass, Cassens & Plath Reflecta 3
- 1x Echo sounder, Furuno FE 700
- AIS FA-150
- 1x Navtex, Furuno NX700
- 2x Radars, Furuno FR2115 X band/Furuno FR1510
- GMDSS Furuno type FS-2575C
- 1x Automatic pilot, Anschutz Nautopilot NP60
- 2x VHF radio, Furuno
- 3 x VHF Jotron Tron TR-20
- GMDSS Furuno type FS-2575C
- 1 Doppler speed log, Walker P282
- 1 x BNWAS BR510

### ACCOMMODATIONS

The ANDROMEDA vessel can accommodate 12 people in 6 cabins, which are distributed as follows:

- 2 Cabins with a single bed
- 3 Cabins with one double bed per cabin
- 1 Cabin with 4 beds
- All cabins are equipped with two bathrooms each

The passenger area has seats for 100 people and two fully equipped bathrooms.

### AIR CONDITIONING SYSTEM

The integrated air conditioning system has sufficient capacity to comfortably cover the needs of the entire vessel facilities.

### MAIN DECK AREA AND RESISTANCE

- Area: 93 m<sup>2</sup>
- Cargo resistance on deck: 2 t/m<sup>2</sup>

### WASTEWATER TREATMENT SYSTEM

- 1 Ecomar 16 treatment plant with a capacity for 65 people 6 m<sup>3</sup>/day. The wastewater treatment plant complies with the MARPOL standards, Exhibit IV, and Mexican standard NOM 001-SEMARNAT-1996

### LIFE SAVING EQUIPMENT

- 1 Rescue boat that fits 6 sailors
- 6 Life rafts that fit 30 people each. 2 Life rafts that fit 25 people each
- 8 Life buoys distributed on the port side and starboard side, according to the safety plan
- 126 Life jackets: 12 are in the cabins, one for each crewmember; 100 are in the passenger area; and the rest are distributed according to the safety plan (that means 14 life jackets)
- 1 Station with complete firefighting equipment

### MEDICAL EQUIPMENT

- 1 OMRON bamanometer
- 1 Neil Robertson stretcher
- 1 Sphygmomanometer
- 2 Collars
- 1 Ambu portable defibrillator rescue mask

### COMMUNICATIONS

- The vessel has fixed and portable VHF equipment located at strategic points throughout the vessel
- It also has full Global Maritime Distress Signal System (GMDSS) that is ready for navigation on zones A1, A2, and A3
- The vessel is fitted with a Skyfile satellite mail system (for mail service only)
- Public announcements and emergencies equipment
- Internal Communication System. Direct intercom (command bridge/control room/machine room/crewmember cabins)

#### Address

Avenida Paseo de la Reforma #483 Piso 52 Colonia Cuauhtemoc

Zip Code 06500

Ciudad de Mexico

Mexico

[contact@cotemar.com.mx](mailto:contact@cotemar.com.mx)

[www.cotemar.com.mx](http://www.cotemar.com.mx)

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