



## R/V Garcia del Cid

**Status** Operating  
**Main activity** Oceanography  
**Operating area** Iberian Seas/Medit  
**Country** Spain  
**NODC code** 29GD  
**ICES shipcode** 29GD  
**Call sign** EHUU  
**Year built** 1977  
**Homeport** Barcelona  
**Length** 37.2 m  
**Avail. for charter** Yes  
**Last update** 09.02.2010  
**Owner** Consejo Superior de Investigaciones Científicas (CSIC)  
**Operator** Unidad de Tecnología Marina CSIC  
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### Main Dimensions

**Length** 37.2 m  
**Freeboard to Work Deck (m)** 1.5 m  
**Draft (m)** 4.7 m

### Main Vessel Activity

**Main Activity** Oceanography  
**Operating area** Iberian Seas/Medit  
**Operating Grids** NA7, NA 8

### Capacities and Working Spaces

**Gross Tons** 285.5  
**Area Wetlab (m2)** 25.0  
**Area Drylab** 16.0  
**Water Capacity (m3)** 0.0  
**Clean Water Generation Method** Distilled water  
**Free Deck Area (m2)** 20.0  
**Space Cont Labs Supported** yes 10'  
**Radioactive Isotope Support** Not



#### **Range, Speed and Endurance**

**Range (n mi)** 5700.0

**Speed Cruise (kt)** 9.0

**Speed Max (kt)** 10.0

**Endurance (days)** 12

#### **Accommodation**

**Officers** 4

**Crew** 10

**Scientists** 12

**Air Cond (yes/no)** yes

#### **Data Processing Equipment:**

**Data Processing Computers** Two PC computers. LAN.

**Data Processing Printers/Plotters** Color Printers

#### **CTD Specifications:**

**CTD Capabilities** CTD Seabird

**CTD Make** SB 911 plus

**CTD Towable** Chelsea Instr. nu-Shuttle

**CTD Oxygen Sensor** yes

**CTD Transmissivity Sensor** Yes

**CTD Fluorometer** Yes

**CTD Rosette** Yes

#### **Coring Specifications:**

**Coring Capabilities** Yes

**Core Grab** Yes

**Core Box** Yes

**Core Gravity** Yes

**Core Piston** No

**Core Multi** Yes

#### **Underwater Vehicle Capabilities:**

**Underwater Vehicles Supported** No

**Underwater Vehicles Rov** No

**Underwater Vehicles Auv** No

**Underwater Vehicles Manned Submersible** Yes, ex. Jago

#### **Diving Support:**

**Diving Capabilities** No



### Engineering Design Particulars

**Ice Breaking (yes/no)** No

**Hull Material** Steel

**Dynamic Position** No

**Engines** Engine Number: 1

Engine Make: Barreras Deutz

Engine Power: 1160

**Electrical Systems** AC Voltage: 220

AC Voltage Phases: 2 and 3 220 volt

AC Voltage Freq: 50 Hz

AC Voltage Stabilized (Science use): Yes UPS

AC Freq Stabilized (Science use): 50

DC Voltages: --

### Fixed Equipment

#### Navigation and Communication:

**Navigational Equipment** GPS DGPS

**Satellite Communications** Fleet 77 Inmarsat B

**Global Positioning System Equipment** Magnavox MX 1107 , DGPS Furuno

Octopus F180

#### Acoustics and Profiling:

**Acoustic Echosounder** Simrad EA 500 18 kHz, EK 500 38,120,200 kHz, EN 38 kHz

**Acoustic Sonar** No

**Sea Surface Mapping System** No

**Sidescan** No

**Multibeam** ELAC SeaBeam 1050D

**Silent Ship Operation Abilities** No

**Acoustic Doppler Current Profilers** OS -ADCP 75 kHz

#### Oceanographic:

**Winches** Winches (number): 1

**Gantry** Gantry Location: stern

Gantry Max Load: 15.0

**Crane** Crane Location: Midship Stbd

Crane Max Load (tons): 0.5

### Vessel Construction and Maintenance Supervision

**Vessel Construction** Steel

**Charter availability** Yes