



## SEA DISCOVERY

Guard/Survey/Support Vessel

### Specification Sheet

#### Main Details:

**Year of construction:** 1988  
**Vessel Name:** Sea Discovery  
**Flag:** Panama  
**IMO Number:** 8702109  
**Call Sign:** HP6765  
**MMSI:** 353674000  
**Class :** Bureau Veritas  
 Unrestricted 150 Nm from shore  
 Hydrographic Survey/Support  
 Sea area GMDSS A2

#### Dimensions:

**L.o.a :** 28.50 Mtrs.  
**Width :** 6.60 Mtrs.  
**Draught :** 1.90 Mtrs.  
**Net Tonnage :** 43 NT  
**Gross Tonnage :** 146 GT

#### Propulsion system:

**Main engines :** 2 x Deutz TBD 604 BV12  
**Total power :** 2 x 1179 kW  
**Gearboxes :** 2 x ZF-Twindisk  
**Propellers :** 2 x fix pitch 5 blade  
**Bow thruster :** 1 x 50 kW hydraulically driven

#### Steering gear:

Twin Rudders with FU / NFU and local control + emergency control

#### Electrical Equipment:

**Network :** 24 V D.C., 230 V / 400 V 50 Hz  
**Generator set :** 2 x Medcedes-Wijzeman WM8W  
 Power management / auto-start  
**Capacity :** 2 x 45 kW 47 kVA

#### Deck equipment:

- FRC with 40 hp outboard engine
- MGO fuel transfer pump to refuel small boats and workboats
- Boarding gates en rescue zones PS and SBS
- Diving ladders PS and SBS

#### Speed:

**Max Speed :** 22 knots  
**Cruising Speed :** 12 knots

#### Tank capacity:

**Fuel oil :** 13,0 m<sup>3</sup>  
**Fresh water :** 4,0 m<sup>3</sup>  
**Waste water :** 3,5 m<sup>3</sup>  
**Black water :** 4,5 m<sup>3</sup>  
**Lub oil :** 0,7 m<sup>3</sup>

#### Communication & Navigation Equipment:

**X-band radar :** 1 x Furuno 2117 Far  
 1 x Furuno 2107 Far  
**GPS-receiver :** 1 x Furuno GP- 150  
**GMDSS VHF/DSC :** 2 x Sailor 6222  
**GMDSS Handheld :** 2 x Jotron TR 20  
**MF / HF DSC radio :** 1 x Furuno FS-2575  
**Gyro Compass :** 1 x Anshutz STD 22  
**AIS system :** 1 x Furuno FA-150  
**Magnetic compass :** 1 x Anshutz  
**Autopilot :** 1 x Anshutz S98/90  
**Echo sounder :** 1 x Sperry Marine ES5100  
**Wind indicator :** 1 x Thies Clima  
**Navtex :** 1 x Furuno NX-700  
**Epirb :** 1 x Jotron Tron60S  
**SART :** 1 x Jotron Tronsart  
**VSAT/4G :** 1 x Sailor 800  
**Wi-Fi :** in accommodation  
**Ships computer :** 2 x PC workstations with internet and printer

#### Special features:

**FW Maker:** Idromar MC2J / Capacity  
 3600 ltr 24 hr  
**MOB equipment :** Markuslifenet  
**Rescue zones :** Rescue zone on both sides/rear  
**FireFighting :** 2 x FiFi unit 120m<sup>3</sup> per hour

#### Accommodation (fully air conditioned):

**Cabins :** 2 single, 2 double  
**Bunks :** Total 7 bunks (3 for Charterer)  
**Mess room / Dayroom :** Wi-Fi included  
**Pantry/ Galley fully equipped**

#### Other Capacities:

**Minimum Crew :** 4  
**Maximum Crew :** 6  
**Deck space :** 45 m<sup>2</sup> ;  
**Life rafts :** Survitec (2 x 12 persons)

All particulars believed to be correct but not guaranteed