

Main Details:

Year of construction: 1988
Vessel Name: Sea Discovery
Flag: Panama
IMO Number: 8702109
Call Sign: HP6765
MMSI: 353674000
Class : Bureau Veritas
 I + Hull Mach 100A 1
 Unrestricted 150 Nm from shore
 Hydrographic Surey-Support Vessel
 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 1197 KW
Gearboxes : 2 x ZF-Twindisk
Propellers : 2 x fixed pitch propellers 5 blade
Bow thruster : 1 x 50 KW hydraulically driven

Steering gear:

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

Hull Material:

Hull : Aluminum
Superstructure : Aluminum



Electrical Equipment:

Network : 24 V D.C., 230 V / 400 V 50 Hz
Generator set : 2x Mercedes-Wijezeman WM8W
 Power management / auto-start
Capacity : 2 x 45 kW 47 KVA

Deck equipment:

- Hydraulic crane Hiab 60 sea crane 0.9 ton SWL
- FRC with 40 hp outboard engine
- MGO fuel transfer pump to refuel small boats and workboats
- Boarding gates en Resque zones ps and stb
- Diving ladders ps and stb

Tank capacity:

Fuel oil : 13 M³
Fresh water : 4 M³
Waste water : 3.5 M³
Black water : 4.5 M³
Luboil : 0.7m³

Communication & Navigation Equipment:

Modern navigational aids on board
Vessel is equipped for GMDSS A2

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
GMDD Handheld	: 2 x Jotron TR 20
MF / HF DSC radio	: 1 x Sailor 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	: 1 x Sailor 800
Wi-Fi	: in accommodation
Ships computer	: 2 x PC workstations with internet and printer

Hydrographic survey equipment:

Konsberg Maritime EM3002 Dual head Multibeam
Sonarcoda F180 Motion Sensor and Positioning
Trimble SPS 855 RTK GPS
Atlas Deso 35 Single Beam Echo sounder
Mini SVS & Odom Digi Bar Pro Sound Velocity Probes
retractable pole mounts to be fitted for use with USBL &
MBES systems
Qinsy operating System

Special features:

- **Diving compressor with 6 air bottles** : MCH-16/ET with operational panel outside, inside survey-room communication equipment
- **FW Maker** : Idromar MC2J
Capacity 3600 ltr 24 hr
- **CCTV camera system** :
Engine room / Forecastle deck / Aft deck
Helicopter winching zone : On aftdeck
- **MOB recovery equipment** : Markuslifenet
- **Rescue zones**: Rescue zone on both sides and rear
- **3 x FiFi units 120m3 p/hour**

Accommodation (fully air conditioned):

Cabins : 2 single crew cabins 2 double
Bunks : Total 7 bunks (3 bunks for charters)
Mess room / Dayroom (Wi-Fi included)
Pantry/ Galley fully equipped
Reception / changing area

Other Capacities:

Minimum Crew : 4
Maximum Crew : 6
Deck space : 45 M² :
Life rafts : 2 x 12 pers Survitec

Speed:

Max Speed : 22 knots
Cruising Speed : 12 knot



