



# GLOMAR SUPPORTER

## Multipurpose Survey Vessel DP2

The Glomar Supporter, our dedicated DP2 survey vessel, has a proven track record of safe and efficient operations, and has been meticulously designed to deliver a versatile and superior quality spread for consistent, industry-leading data capture and reporting. Differentiated by technology and equipment, the vessel offers synergistic working and flexibility of sensor deployment. With a USV onboard, it is equipped to deliver simultaneous data collection with instant upload to the vessel, as well as a survey class ROV for concurrent inspection activities.

The vessel has recently been modernised and now provides leading-class accommodation and facilities. With DP2 station keeping capabilities, an overall length of 60 metres, 15.6 metres width and a draft of 3.5 metres, this is the ideal ship to deliver on a complete package of survey solutions, bringing unparalleled efficiency and benefits to your offshore operations.

For more information, contact [sales@rovco.com](mailto:sales@rovco.com)



# SPECIFICATIONS

Details believed to be correct without guarantees.  
Specifications are subject to changes.



## General

Type	Multi-Purpose vessel / DP2
Class	Rina
Flag	Panama
Rebuilt	2006 / 2021
Call Sign	HOAL
IMO	9394301
MMSI	374689000
Port of Registry	Panama
Home Ports	Aberdeen (UK), Gdynia (Poland), Den Helder (the Netherlands)

## Dimensions

Length	60,00m
Breadth	15,60m
Draft (min. / max.)	3,50m / 5,00m
Depth	6,00m
Gross Tonnage	2082T
Netto Tonnage	591T
Deadweight	1413T

## Performance

Max. Speed + Fuel Consumption	11.0 Knots - 9T / day
Eco. Speed + Fuel Consumption	9.0 Knots - 7T / day
DP Activities	5T / day
Fuel Consumption Survey	4 Knots - 4.5T / day
Fuel Consumption Port	1T / day

## Machinery and Propulsion

Main Engines	2 x ABC 6MDZC-1000-150-A 1400 kW
Azimuth Thruster	2 x Schottel SRP 1012 CP R/R 1,200 kW
Bow-thruster	3 x HRP 4009 TT CP 400 kW
Main Generators	4 x Leroy Somer LSAM 47,2 VS2 C 6/4 320 kW - 440V
Auxiliary Generators	2 x Stamford HCH 634 Y2 625 kW - 440V (Shaft Generator)
Emergency Generator	1 x Leroy Somer LSA M 43,2L65 C6/4 60 kW - 440V

## Tank Capacities and Deck Area

Fresh Water	434,7m <sup>3</sup>
Ballast Water	187,3m <sup>3</sup>
Fuel Tank	643m <sup>3</sup>
Deck Area	377m <sup>2</sup> @ 5T / m <sup>2</sup> Mezzanine Deck 120m <sup>2</sup> @ 5T / m <sup>2</sup> Deck Cargo: 300T @ 0,9m above deck
Antiheeling	226m <sup>3</sup> - 150m <sup>3</sup> / h

## Deck Equipment

Deck Air Supply	7.5 Bar
Deck Power Supply	Current: 2 x 400kW - 440V
Deck Crane	1 x GHE Crane 1 x AHA-2T11M-HBT-00
Safe Working Load	GHE: 6T at 12 m
Safe Working Load	AHA: 3 T at 2,5-4 m / 2 T at 11 m
Pedestal (optional)	For 24 T Crane
FiFi	Class 1
Stern A-Frame	45T
Starboard A-Frame	9,5T



## Accommodation

Berths	58
Cabins	31
Single Cabins	4
Double Cabins	27
Offices	5
Hospital	1
Gym	Yes
Relaxation Room	Yes



## Remote Operations Enablement

V-Sat	2 x Intellian V100NX antennas
Newtec Dialog Link	MIR:10/10Mbps CIR:5/5Mbps (Download/Upload)
Starlink Premium Maritime	Download 100-380Mbps, Upload 30-40Mbps

## Survey Moonpool Area

Survey Moonpool	2 x 200mm
-----------------	-----------

## Radio and Navigation Equipment

Compass	3 x Gyro Compass Anschutz - 22NX 1 x Magnetic Compass Cassens & Plath - Type 11
Radar	2 x Furuno - FAR/2117 1 x JRC NWZ-173 Radar
GMDSS	A1 + A2 + A3
ECDIS	1 x System at Forward Bridge Console - Furuno / FMD100 1x System at Mid Bridge Console - Furuno / FMD100
EPIRB	Tron 60/GPS
SART	Tron SART20
AIS	Sailor 6280

## Rescue Equipment

Davit PS	Noreq - NPDS3500H
Safe Working Load	3200kg
Steel Wire	16mm / 27m
Working Load Limit	4,60T
Fast Rescue Craft	Noreq - FRB 650 (Diesel Waterjet)

## Dynamic Positioning System

DP Type	DP2
Manufacturer	Kongsberg Kpos 21 - New Version
DGPS	2 x Novatel PwrPak7
Gyro's	3 x Anschutz Gyro Compass 22NX
Motion Sensors	2 x SG-Brown TSS
Fanbeam	Fanbeam 4.2 MDL
Acoustic Positioning	2 x HIPAP 1 x Ranger 2 Transducer (other side to be provided by client) 2 x Ranger 2 Control Computer's
Taut Wire	Kongsberg / Bandak - LTW MK14

## Survey Equipment

Primary GNSS & INS	Applanix POS MV Oceanmaster w/ Trimble RTX corrections
Secondary GNSS	Trimble R75 w/ Fugro Marinestar corrections
Primary Heading and Motion	Applanix POS MV Oceanmaster w/ Trimble RTX corrections
Secondary Heading and Motion	iXblue Octans V AHRS
USBL system	Sonardyne Ranger 2
USBL beacons	Sonardyne WSM6+
SSS system	Edgetech 4205 tri-frequency 230/540/850 kHz
MAG system	Geometrix G882 magnetometer
2D-UHR system	Duraspark 400 sparker system and 32-channel LH-16 GeoEel Digital Gel streamer

## Gondola Survey Equipment

MBES system	Dual head R2Sonic 2026, pitch and roll stabilised beams, 0.45° x 0.45° beamwidth, 2048 soundings per ping
SBP system	Innomar Medium-100
Gondola SV sensors	Valeport miniSVS-P



## C-Worker 5 USV

Primary GNSS & INS	Applanix POS MV Oceanmaster w/ Fugro Starfix corrections
Primary Heading and Motion	Applanix POS MV Oceanmaster w/ Fugro Starfix corrections
USBL system <sup>1+2</sup>	Sonardyne mini Ranger 2
USBL beacons	Sonardyne WSM6+
MBES system <sup>1</sup>	R2Sonic 2024
SBP system <sup>2</sup>	Innomar Medium-100
SSS system <sup>1</sup>	Edgetech 4205 tri-frequency 230/540/850 kHz
MAG system <sup>2</sup>	Geometrix G882 magnetometer

<sup>1</sup>Survey Configuration 1; MBES and SSS

<sup>2</sup>Survey Configuration 2; SBP and Magnetometer



## Glomar Supporter General Arrangement

