



GLOMAR WORKER

Multipurpose Survey Vessel DP2

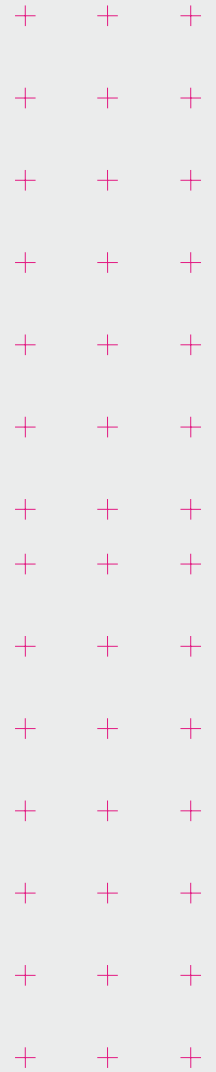
 **Beam**
Automating offshore wind



Versatile DP2 Survey Vessel for Industry-Leading Data Capture and Offshore Efficiency.

The Glomar Worker, our dedicated DP2 survey vessel, boasts a proven track record of safe and efficient operations, meticulously designed to provide a versatile and high-quality platform for consistent, industry-leading data capture and reporting. Enhanced with advanced technology and equipment, the vessel enables synergistic operations and offers flexibility in sensor deployment. Equipped with a survey-class ROV for concurrent inspection activities, the Glomar Worker delivers comprehensive survey solutions.

Recently modernised, the Glomar Worker now features leading-class accommodation and facilities, ensuring comfort and efficiency during operations. With DP2 station-keeping capabilities, an overall length of 60 metres, a width of 15.6 metres, and a draft of 3.5 metres, this vessel is ideally suited to provide a complete suite of survey solutions, enhancing the efficiency and effectiveness of your offshore projects.





General

TYPE	Multi-Purpose vessel / DP2
CLASS	Rina
FLAG	Panama
REBUILT	2008 / 2020
CALL SIGN	3EKK8
IMO	9344227
MMSI	352110000
PORT OF REGISTRY	Panama

Dimensions

LENGTH	60,00 m
BREADTH	15,60 m
DRAFT (MIN. / MAX.)	3,50 m / 5,00 m
DEPTH	6,00 m
GROSS TONNAGE	1969 T
NETT TONNAGE	590 T
DEADWEIGHT	1413 T

Performance

MAX. SPEED + FUEL CONSUMPTION	11.0 Knots - 9 T / day
ECO. SPEED + FUEL CONSUMPTION	9.0 Knots - 7 T / day
DP ACTIVITIES	6 T / day
FUEL CONSUMPTION SURVEY	4 Knots - 4.5 T / day
FUEL CONSUMPTION PORT	1 T / day

Deck Equipment

DECK AIR SUPPLY	7.5 Bar
DECK POWER SUPPLY	Current: 2x 400kW - 440V
FIFI	Class 1
STERN A-FRAME	25 T

Machinery and Propulsion

MAIN ENGINES	2x ABC 6MDZC-1000-150-A 1400 kW
AZIMUTH THRUSTER	2x Schottel SRP 1012 CP R/R 1,200 kW
BOW-THRUSTER	3x HRP 4009 TT CP 400 kW
MAIN GENERATORS	4x Leroy Somer LSAM 47,2 VS2 C 6/4 320 kW - 440V
AUXILIARY GENERATORS	2x Stamford HCH 634 Y2 625 kW - 440V (Shaft Generator)
EMERGENCY GENERATOR	1x Leroy Somer LSA M 43,2L65 C6/4 60 kW - 440V

Deck Crane

MODEL	SMST Active Heave Compensated
CAPACITY	12.7 T / 7 T - 2,300 m - AHC - Man Riding
SWL	12 T at 10 m (1-Fall) DAF 1.6 10 T at 12 m (1-Fall) DAF 1.6 6 T at 18 m (1-Fall) DAF 1.6

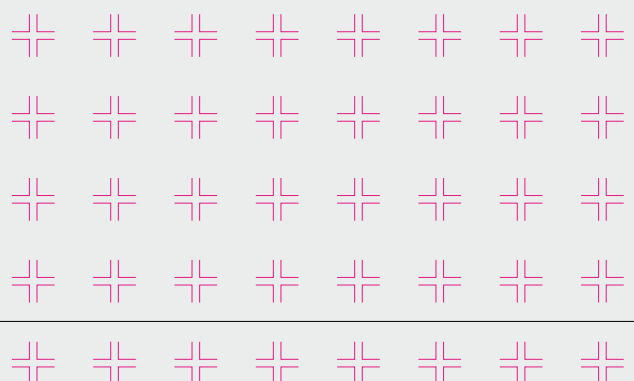
Load charts available on request

Survey Moonpool Area

SURVEY MOONPOOL	2x 200 mm
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Tank Capacities and Deck Area

FRESH WATER	434,7 m ³
BALLAST WATER	387,1 m ³
FUEL TANK	643 m ³
DECK AREA	377 m ² at 5 T / m ² Mezzanine Deck 120 m ² at 5 T / m ² Deck Cargo: 300 T at 0,9 m above deck
ANTIHEELING	226 m ³ - 150 m ³ / h





Accommodation

BERTHS	42
CABINS	23
SINGLE CABINS	4
DOUBLE CABINS	19
OFFICES	4
HOSPITAL	1
GYM	Yes
RELAXATION ROOM	Yes

Radio and Navigation Equipment

COMPASS	1x Gyro Compass Anschutz - STD 22 1x Magnetic Compass Cassens & Plath - Type 11
RADAR	2x Furuno - FAR/2117 1x JRC JMA 5300 MK2
GMDSS	A1 + A2 + A3
ECDIS	1x System at Forward Bridge Console - Furuno / FMD100 1x System at Mid Bridge Console - Furuno / FMD100
EPIRB	MC Murdi / G5 + Smartfind
SART	Jotron / Tron SART 20
AIS	INMARSAT / Intellian
INMARSAT	Min: 8192/4096MIR 512/512CIR Max: 8192/4096MIR 8192/4096 - CAR 10W

Rescue Equipment

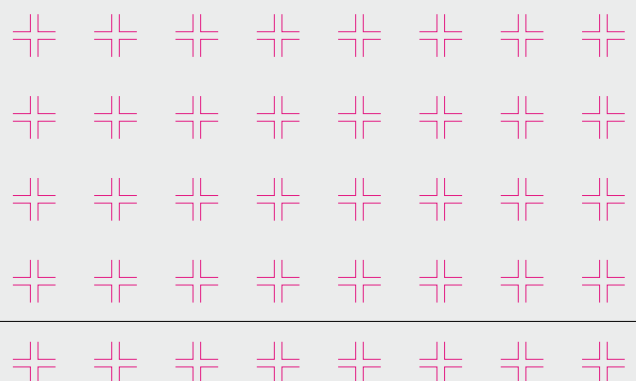
DAVIT PS	Noreq - NPDS3500H
SAFE WORKING LOAD	3200 kg
STEEL WIRE	16 mm / 27 m
WORKING LOAD LIMIT	4,60 T
FAST RESCUE CRAFT	Noreq - FRB 650 (Diesel Waterjet)

Dynamic Positioning System

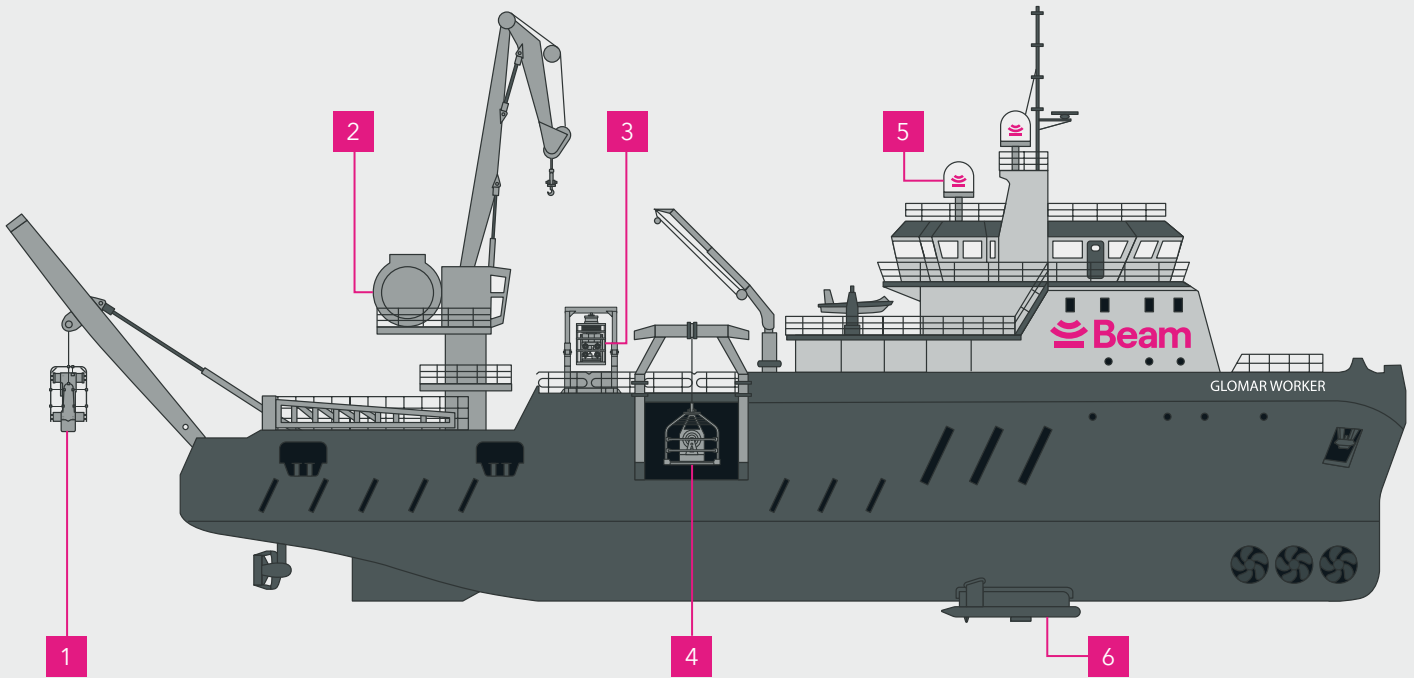
DP TYPE	DP2
MANUFACTURER	Kongsberg Kpos 21 - New Version
DGPS	1x Marinestar 9205-G2/G42 GNSS Receiver 1x Hemisphere R330 GNSS Receiver
GYRO'S	2x SG Brown TSS - Meridian Standard Gyrocompass 1x Gyro Compass Anschutz - STD 22
MOTION SENSORS	3x Kongsberg Seatex MRU M-MB 3
FANBEAM	To be placed on board
ACCOUSTIC POSITIONING	1x Sonardyne Ranger 2 USBL Transceivers 1x Ranger 2 Control Computers
TAUT WIRE	Kongsberg / Bandak - LTW MK14

Survey Equipment

PRIMARY SURVEY DGNSS /INS	Trimble Applanix Oceanmaster C/w RTX corrections
SECONDARY SURVEY DGNSS	SBG Ekinox c/w Marinestar corrections
PRIMARY SURVEY HEADING AND MOTION	Trimble Applanix Oceanmaster C/w RTX corrections
SECONDARY SURVEY HEADING AND MOTION	Exail Octans MkV Surface
SOUND VELOCITY PROFILER	2x Valeport Rapid SVP
CURRENT METER	Sonardyne Syrinx ADCP
SURVEY SUITE	QPS Qinsy EIVA Naviscan, Naviedit, NaviModel
SURVEY ACCOUSTIC POSITIONING	1x Tilted head Ranger 2 USBL Transceiver, c/w Sonardyne Marine computer
SSS SYSTEM	2x Edgetech 4205 tri-frequency 230/540/850 kHz
MAG SYSTEM	2x Geometrics G882 Magnetometer



Glomar Worker General Arrangement



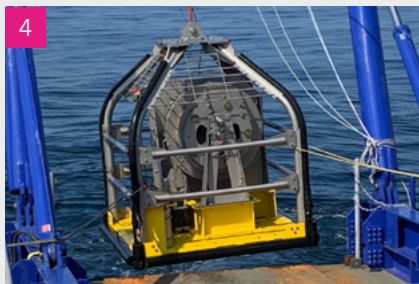
1 Equipped to deploy towed sensors such as SSS, ROTV or 2D-UHR.



2 Active Heave Compensated - Subsea Crane, assures precision and safety during critical operations.



3 Work-Class ROV, enabling detailed surveys of areas of interest such as inspection of cable crossings, or archaeological surveys. Deployment with Pilot Assist/RPL following capability.



4 CPT launch for reliable, versatile and efficient sampling of in-situ soil conditions.



5 Dedicated data link enables fast comms to shore for reporting efficiency via data platform and remote ops.



6 Hull mounted survey sensors enable high quality, repeatable MBES (2x R2sonic 2026) and SBP (1x Innomar Medium-100) data collection.



Seaeye Leopard WROV - 1709

WEIGHT IN AIR	1200 kg
DIMENSIONS LXWXH	215 x 116 x 117.4 cm
DEPTH RATING	2000msw
PAYLOAD	200 kg (105 kg after manipulators fitted)
SPEED	> 3.5 knots *
THRUST	
Forward	493 kgf
Lateral	377 kgf
Vertical	225 kgf
PROPULSION	
	3x Vertical SM9-7, 500v brushless thrusters
	8x Vectored Horizontal SM9-7, 500v brushless thrusters

Equipment

Standard

- Manipulator
 - Schilling Orion 7 function position-controlled
 - Schilling Orion 4 function rate controlled
- 4.5kW Manipulator HPU
- 20kW Tooling HPU
- Workhorse Navigator DVL
- Gemini 1200ik Imaging Sonar
- Emergency strobe
- GR29 Subsea grinder c/w assorted cutting discs
- 12.5" cleaning brush
- Lateral flexiclean subsea cleaning tool
- DS inspection tool
- Digital edge pro 4K DVR
- Dynaset HPW200 Water Jetting Spread
- Marine Growth Probe

Optional

- HP Water Jet
- Zip Jet Pump
- Cutting Tools
- Torque Tools
- Hot Stabs
- Wheeled pipeline skid with boom arms
- Other custom tooling skids available
- Sonar system (obstacle avoidance, side-scan, multibeam, profiling)
- Scientific equipment (bathy, CTD, etc)
- Tracking system
- Contact CP Probe
- Tooling motor
- Auxiliary connections (RS485/RS232/ Ethernet)



Gondola Survey Equipment

MBES SYSTEM	Dual head R2Soinc 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

