

GLOMAR SUPPORTER

VESSEL SPECIFICATION SHEET



MULTIPURPOSE SURVEY VESSEL

The Glomar Supporter is a modern, DP2 Multipurpose Survey Vessel with a proven track record of Geophysical, Geotechnical, ROV and Environmental surveys. The vessel is equipped with a WROV and hull mounted MBES and SBP systems. This combined with the large 45 Te aft A-Frame, 9.5 Te side A-Frame for the WROV and the option to install an Obs-ROV, makes the vessel an extremely versatile survey and inspection platform.

The vessel was rebuilt in 2021 where the accommodation was increased and renovated.

KEY VESSEL FEATURES

- MULTIPURPOSE SURVEY AND INSPECTION VESSEL
- DP2
- 45 TE AFT A-FRAME
- 9.5 TE SIDE A-FRAME
- ACCOMMODATION FOR 54 PERSONNEL
- HULL MOUNTED MBES AND SBP
- 377 M² MAIN DECK & 120 M² MEZZANINE DECK
- 1 WORK CLASS ROV INKL. LARS
- 1 OBSROV & LARS HANDLING SYSTEM (OPTIONAL)
- ROV SYSTEM READY FOR REMOTE OPERATIONS

CLASSIFICATION

| | |
|-----------------------------|---|
| | Rina |
| DYNAMIC POSITIONING | Kongsberg Kpos 21 |
| REFERENCE SYSTEMS | 2 x Novatel PwrPak7 Sonardyne Ranger 2 USBL System Fanbeam 4.2 MDL Kongsberg/Bandak - LTW MK14 Taut Wire |
| HEADING REF. SYSTEMS | 3 x Anschultz Gyro Compass 22NX |
| MOTION REF. SYSTEMS | 2 x SG-Brown TSS |

DECK EQUIPMENT

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|------------------------------|---------------------------------------|
| DECK AIR SUPPLY | 7.5 Bar |
| DECK POWER SUPPLY | 2 x 400 kW - 440 V |
| DECK CRANE | 1 x GHE Crane 1 x AHA-2T11M-HBT-00 |
| SAFE WORKING LOAD GHE | 6 Te at 12 m |
| SAFE WORKING LOAD AHA | 3 Te at 2.5-4 m / 2 Te at 11 m |
| PEDESTAL (OPTIONAL) | For 24 Te Crane |
| FIFI | Class 1 |
| STERN A-FRAME | 45 Te |
| STARBOARD A-FRAME | 9.5 Te |

FRC AND LIFEBOATS

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|--------------------------------|---|
| LIFERAFTS | 6 x 20 persons Type: Survitec ESR TO |
| RESCUE/MOB BOAT - NOREQ | FRB 650 (Diesel Waterjet) |

ROV

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|--------------------|-------------------------------|
| WROV/SURVEY | 1 x Kystdesign Supporter WROV |
| OBSROV | Option for 1 x OBSROV |

TANK CAPACITIES

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|----------------------|-----------------------|
| FRESH WATER | 4 34.7 m ³ |
| BALLAST WATER | 187.3 m ³ |
| FUEL TANK | 643 m ³ |

ACCOMMODATION

4 Single cabins
25 Double cabins
1 Server room with remote survey solutions capability
1 client office
2 offices

DIMENSIONS

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|------------------------|---------------|
| LENGTH | 60.0 m |
| BREADTH | 15.6 m |
| DRAFT (MIN/MAX) | 3.5 m / 5.0 m |
| DEPTH | 6.0 m |
| GROSS TONNAGE | 2 082 Te |
| NET TONNAGE | 591 Te |
| DEADWEIGHT | 1 413 Te |

DECK CAPACITIES

| | |
|-----------------------|--|
| DECK AREA | 377 m ² @ 5 Te/m ² |
| MEZZANINE DECK | 120 m ² @ 5 Te/m ² |
| DECK CARGO | 300 Te @ 0.9 m above deck |
| ANTIHEELING | 226 m ³ - 150 m ³ /h |

PROPULSION

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|-----------------------------|--|
| MAIN ENGINES | 2 X ABC 6MDZC-1000-150-A 1 400 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 |

SURVEY CAPABILITY

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|-------------------------------|---|
| MBES | Gondola Mounted Dual head R2Sonic 2026 |
| SBP | Gondola Mounted Innomar Medium 100 |
| SV & DRAUGHT | 2 x Valeport MiniSVS-P |
| POSITIONING | Fugro Starpack w/Fugro Starfix Applanix POS MV Oceanmaster w/Trimble RTX |
| HEADING/MOTION | Exail HydrINS Applanix POS MV Oceanmaster Exail OCTANS V |
| USBL SYSTEM | Sonardyne Ranger 2 |
| TOWED SURVEY EQUIPMENT | STR Seatow2000 Sonar winch Option for STR Seatow2000F winch Edgetech 4205 Tri Frequency Side Scan Sonar Geometrics G-882 Marine Magnetometer |
| GEOTECHNICAL (OPTION) | 6m 140kN Cone Penetrometer (CPT) 6m Vibrocorer |
| ENVIORMENTAL (OPTION) | Drop Down Camera Sediment grab sampling |