

MULTI-PURPOSE SURVEY & SUPPORT VESSEL

MPSV IEVOLI RELUME



The MPSV levoli Relume is a DP2 vessel with an ample working deck, a 25-tonne crane and advanced survey equipment. This multitask specification ensures that the Relume is able to fully service a diverse range of maritime needs, including offshore operations.

She has been specifically designed to facilitate the delivery of a wide range of services, including marine geophysical, geotechnical, environmental and UXO surveying, as well as offshore construction support services.



MAIN FEATURES

VESSEL IDENTIFICATION & MAIN PARTICULARS

Vessel Name	IEVOLI RELUME
Builder	Damen Shipyards, Vlissingen, Holland
Year of Build	2004
Flag	Italian
Port of registry	Naples
IMO / MMSI	9280720 / 247483600
Call sign	IBCF
Classification	Lloyd's Register ✕ LMC 100A1 UMS, DP (AA), NAV, IBS. SPS Code compliant

PRINCIPAL DIMENSIONS

Length Overall	82.60 m
Breadth Moulded	16.50 m
Depth Moulded to Main Deck	6.80 m
Design Draft	4.00 m
Max Draft	4.50 m
Deadweight (maximum)	1500 tonnes
GRT / NRT	3526 / 1057

VESSEL SPECIFICATIONS

FUEL CONSUMPTION

Speed	13 m ³ per day @ 11 knots / 15 m ³ per day @ 13 knots
Class 2 DP Operations	5–6 m ³ per day

CAPABILITIES

Service Speed	0 – 13 knots
Diesel Generating Plant	2 x 8L20 8-cylinder 900 rpm Wartsila Diesel Engines of 1317 Kw (1625 kVa) ea 2 x 8L20 6-cylinder 900 rpm Wartsila Diesel Engines of 988 Kw (1250 kVa) ea 1 Caterpillar Emergency Diesel Alternator of 145 Kw capacity 2 x 4L20 4-cylinder 900 rpm Wartsila Diesel Engines of 420 Kw capacity each for Crane and Deck Power

TANK CAPACITIES

Fuel Oil	540 m ³
Ballast / Freshwater	835 m ³
Potable Water	146 m ³
Fresh Water Makers	2 x SW 8040 / 03 Reverse Osmosis Water Makers - ea rated output 40 m ³ / 24hrs

PROPULSION SYSTEMS

- ◆ 2x Rolls Royce (Aquamaster) Azimuth units of 1500 Kw each
- ◆ 2x Rolls Royce (Kamewa) Bow Tunnel Thruster units of 700 Kw each

DYNAMIC POSITIONING SYSTEM

- ◆ Kongsberg Simrad K-POS system to Lloyd's DP (AA) standard
- ◆ Kongsberg Simrad HiPAP 501 HPR
- ◆ 3x DGPS (IALA, C-Nav 3050 & Veripos ULTRA)
- ◆ 2x Wind Sensors Young
- ◆ 2x MRU
- ◆ 3x Gyro
- ◆ Tautwire Bandak LTW MK14B System
- ◆ Kongsberg Radius 1000
- ◆ FMEA, DP Capability Analysis and Annual Trials – Petrofac, Aberdeen



VESSEL SPECIFICATIONS

BRIDGE SYSTEMS & COMMUNICATIONS

- ◆ Litton Sperry System to Lloyd's NAV1
- ◆ SatMarin KU Band Unlimited Azimuth Transmit/Receive System
- ◆ Fleet 77 and Sat C fully integrated communications system
- ◆ IBS
- ◆ ECDIS
- ◆ 3x Gyro
- ◆ Kongsberg Simrad installation, EA 600 Single Beam with EM 3000 multi-beam
- ◆ Kongsberg Neptune, C-floor, Triton and Poseidon
- ◆ 1 x Sonar CH37, Furuno



CRANEAGE FACILITIES

- ◆ 1 x 25-tonne crane @ 12m (12 tonnes @ 20m) – Active heave compensated – Knuckle boom Main Crane, starboard-mounted. Subsea rated 1000 m
- ◆ 1 x 13 tonne crane – General Purpose Telescopic Crane, port side-mounted

ACCOMMODATIONS

- ◆ 10 x single berth Officers cabins
- ◆ 28 x twin berth cabins
- ◆ 21 x twin berth cabins available for client use
- ◆ 2 x Client Offices, Operations room, Conference Room
- ◆ TOTAL POB: 66

WORKING DECK LAYOUT

Deck area	Approx 500 m ²
Max Deck Loading	5 tonne/m ²
Deck area	Container locator points across deck