

Multi Purpose Vessel

MIRAERO



MV MIRAERO is a multipurpose support vessel that was built in 2008.

She is equipped with a Dynamic Positioning System (DP2 Class) with stern working to support a variety of offshore operations, it is an ideal vessel for ROV Operation with its 60ton A-frame.

Multi Purpose Vessel

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Characteristics

General Vessel Name	Multi-purposed Support Vessel MIRAERO
Flag	Republic of Korea
Port of Registry	Jeju, Korea
Type of Vessel	Offshore Support, Towing, Anchor Handling & Fire Fighting
Classification	KR
Year Built	March 2008
Accommodation	52persons

Principal Dimensions

Length Overall (LOA)	70.05m
Length (LPP)	63.00m
Breadth Moulded	14.95m
Deck Space	490m ²
Mezzanine Deck	16m X 5m - 5mt per m ²
Summer / Maximum Draft	5.016m
Deadweight	1,597ton
Net Register Tonnage (NRT)	599ton
Gross Tonnage	2,017ton
Displacement (Max.)	3,752ton

Deck Equipment

Port Crane	Provision Crane
	- 2.2ton @ 12m - 5.1ton @ 6m
A-frame Type	60ton A-frame

Dynamic Position System

Class Definition	DPS-2
Type	Kongsberg KPOS 21
DGPS	- 2 X Kongsberg Seatex DPS i1
Acoustic PRS	- Kongsberg HiPAP 501 SSBL
Laser PRS	- Kongsberg SpotTrack

Propulsion System

Main Engine	2 X 2025kW @ 1000rpm, Wartsila 6L26A, 4 Stroke Cycle, Medium Speed Engine
Propeller	2 X Wartsila Propulsion (CPP), 4 Blades, 2700 mm Dia.
Fuel Type - MGO / HFO	Marine Gas Oil (MGO)
Rudder	2 X Becker Rudder
Steering Gear	Wagner, Twin LA2 4.4-45-CB2
BHP	5508
KW	4050
Bollard Pull (Static)	70.1mt
Bow Thruster	- 2 X 515kW Electric-driven Kawasaki KT-72B3 Tunnel - Type (CPP) : 8mt Thrust
Stern Thruster	- 515 kW Electric-driven Kawasaki KT-72B3 Tunnel - Type (CPP) : 8mt Thrust
Economical Speed	11knots
Max Speed	13.5knots

Navigation Equipment

X-band Radar	JRC JMR-9225-6X
S-band Radar	JRC JMR-9282-S
AIS	Furuno FA-100
Autopilot	Pilotstar D
GPS	Furuno GP-150
Echo Sounder	Furuno FE-700
Std Compass	Lilley & Gillie MK2000
Gyro Compass	3 X SPERRY Navigat X MK1, MOD 10
Log	Furuno DS-80
Wind Gauge	Gill, Wind Oserver II 1390

Communication Equipment

Satellite Communication	V-SAT, Starlink
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