



M/V Ross Eagle

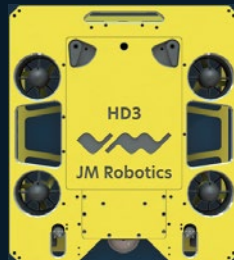
Offshore equipment



WROV

Merlin WR200

- 200HP Electrical Work Class ROV
- Open frame features
- State of the art Hydrodynamic capabilities
- Highest degree of redundancy in the market
- Proven technology based on 100,000 hours of operating time
- Fully built-in tooling interface for electrical as well as hydraulic operated tooling
- Flexible control platform involving dynamic positioning system
- Green design, environmental friendly - less oil



ROV - HD3

ROV system

The ROV system is robust, flexible and prepared for DVL, sonar and underwater positioning.

The system has a depth capacity down to 350 meters and comes with 3Kw Topside Power System with ground fault monitoring.



M/V Ross Eagle – Vessel Specifications

VESSEL IDENTIFICATIONS

Year built	2003
Type	Geotechnical survey vessel
Builder	Brattvaag Skipsverft, Norway
Flag	Norway
Classification	DNV +1A1 Supply vessel SF, EO, Dynpos AUTR

MAIN CHARACTERISTICS

LOA	72 m
Breadth (moulded)	16 m
Depth (mould to sh.dk)	7 m
Draft (max)	5.9 m
GRT	2,244 T
NRT	936 T
Deadweight	3,200 T

MACHINERY

Main Engines	2 x 2,725 BHP
Shaft Alternators	2 x 1,690 KVA
Thrusters Bow	1 x 800 BHP
Thruster Azimuth	1 x 1,000 BHP
Thrusters Stern	2 x 800 BHP
Rudders	2 x High Lift
Propellers	2 x CPP
Capstans	2 x 8 T
Tugger Winch	2 x 10 T

DYNAMIC POSITIONING SYSTEM (CLASS II)

Kongsberg Simrad SDP 21 (DP II)
2 x DPC 11 Controller Unit
"Green" DP Software module installed
RRM Joystick

REFERENCES

HiPAP acoustic system - Kongsberg 502 DGPS
Light weight Taut Wire (Mk 12)
Fan beam laser

SURVEY ROOMS

6 m x 3.5 m survey room (main deck)
ROV controll room
19" racks and 220v power
Telemetry / video / data link to bridge and
Client cabins

ACCOMODATION

14 X 1 Man
10 x 2 Man

CARGO CAPACITY

Deck Area	640 m ²
Deck Load	1,500 T
Fuel Oil	916.8 m ³ @ 100%
Potable Water	796.3 m ³ @ 100%
Drill Water	1,152.4 m ³ @ 100%
Oil Based Mud*	769.3 m ³ @ 100%
Base Oil	208 m ³ @ 100%
Brine*	769.3 m ³ @ 100%
Dry Bulk	256 m ³ @ 100%

* Mud/Brine tanks –
8 Dual purpose tanks (4839 bbls)
8 mud or 6 mud / 2 brine, 4 mud / 4 brine etc.
with complete product segregation

OTHER FEATURES

Moon Pool (4.35 x 3.8 m) passively stabilized
Ø 50cm survey tube for "hull mounted
equipment"

DECK EQUIPMENT

A-frame over moon-pool 100Te
AHC winch (for a-frame) up to 80Te capacity
CT winch (for a-frame) 8 Te capacity
Deck Crane 1 x 5T @ 10m
Pipe- / Deck equipment manipulator 5T
Aft deck reinforced for 150Te A-frame
50/99 t AHC winch for subsea construction work
8 t CT winch for subsea construction work

ROVs

JM Robotics – HD3 Observation ROV <350m
IKM - Merlin WR200 Work ROV

