

EDDA FAUNA

VESSEL SPECIFICATION SHEET



IMR, SURVEY AND ROV SUPPORT VESSEL

The State-of-the-Art IMR vessel Edda Fauna came into operation in 2008 as the flagship in DeepOcean's IMR fleet. Edda Fauna was designed with special emphasis on providing excellent safety and work conditions on deck with a closed deck hangar.

Edda Fauna is highly efficient vessel for IMR and survey operations equipped with an integrated Module Handling System (MHS) and an advanced scale squeeze and RFO pump system. Edda Fauna is an environmentally friendly vessel fitted with 2-off battery packs and shore power connection installed.

Edda Fauna's accommodation and office facilities are of very high standards, creating a good working environment for offshore crew and clients.

KEY VESSEL FEATURES

- DP 2 BATTERY HYBRID VESSEL WITH SHORE CONNECTION
- 60 Te MODULE HANDLING SYSTEM (MHS) IN HANGAR
- FLUSH SKIDDING SYSTEM FOR 60 Te MODULES ON MAIN DECK
- 2 X WROV'S
- 1 X OBSROV
- 3 X MOONPOOLS FOR MHS AND WROV OPERATIONS
- 100 Te AHC OFFSHORE CRANE
- FIXED INSTALLED SCALE SQUEEZE & RFO PUMP SYSTEM
- DECK IS PREPARED WITH ISO LOCKS FOR CONTAINER SEAFASTENING
- 610 m² BACK DECK AREA, 650 m² DECK AREA IN HANGAR
- SCR CATALYTIC REACTORS FOR REDUCED NOX EMISSION TO AIR
- DE-ICE NOTATION, COVERING LIFEBOATS, MOB BOATS, BOW AREA AND HANGAR AREA
- HELIDECK

CLASSIFICATION

DNV +I1A1, BATTERY(POWER), CLEAN, COMF(C-3, V-3), DEICE, K(+), DYNPOS(AUTR), EO, HELDK(S, H), HL(2.8), ICE(C), LFL(*), NAUT(OSV(A)), SF DP2 - ERN 99,99,99,99

FLAG NOR

POSITIONING

DYNAMIC POSITIONING Kongsberg K-Pos, SPD21, C-Joy

REFERENCE SYSTEMS 1 x Fanbeam, 2 x DGPS (DPS i2/ Seapath 320), HiPaP 500, 1 x Radius

MOTION REFERENCE UNITS Seatex MRU-M-MB3;
2 x MRU5
1 x MRU2

DECK EQUIPMENT

OFFSHORE CRANE 100 Te on single fall AHC
Aux winch : 10 Te AHC
Personnel lift SWL 5 Te

MHS SWL 60 Te, 2 000 m hook travel
3 off 5 Te SWL guide Wires
Moonpool 7.2 m x 7.2 m

FRC AND LIFEBOATS

LIFE BOATS Life boats with davit: 2 x 90 persons

RESCUE/MOB BOAT Mare Safety, GPR
600 FRC with 212 HP
Hydramarine Davit HMD-A32

HELIDECK

Helideck design for maximum take-off weight: 12.8 Te
D-value 20.88
Helideck monitoring

ROV

WROV 2 x 125 hp Kystdesign Supporter in hangar
Launch/recovery in 4.8 m x 4.8 m moonpools

OBSROV 1 x Argus AID in hangar
Launch/recovery over the side

DIMENSIONS

LENGTH (LOA) 108.7 m

BEAM 23.0 m

DRAFT, MIN/DESIGN/MAX 5.3 m / 6.5 m / 7.8 m

DEAD WEIGHT 6 200 Te Max

GROSS TONNAGE 9 494 GT

DECK CAPACITIES

DECK AREA 610 m² (back deck)

DECK AREA IN HANGAR 650 m²

DECK CARGO CAPACITY 10 Te/m²

PROPULSION

MAIN ENGINES 6 x 2 230 kW Caterpillar type: 3 516 C

THRUSTERS 2 x 1 500 kW Rolls-Royce TT 2 400
1 x 1 500 kW Rolls Royce UL 2 001 FP

MAIN PROPELLERS 2 x 3 500 kW Rolls Royce azipull 120 CP

ELECTRICAL POWER 2 x 622 kWh Battery packs

ACCOMMODATION

PAX 90
38 single cabins
26 double cabins
3 conference rooms
8 offices (incl. 2 client offices)

TANK CAPACITIES

DRILL/BALLAST WATER 2 820 m³

FRESH WATER 1 252 m³

FUEL 1 649 m³

BRINE 483 m³

METHANOL 305 m³

SPECIAL PRODUCT LFL/LFL* 305 m³

CONSUMPTION

TRANSIT ECO 9.5 KTS 18 - 19 m³/day

DP OPERATIONS 7 - 8 m³/day

IN PORT (SHORE CON.) 0 m³/day

IN PORT 3 - 4 m³/day