DEEPOCEAN

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 a environmentally friendly vessels 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.

The vessel offers the option to utilise ROV systems ready for remote operations. This allows for connection to our Remote Operations Centre (ROC), enabling real-time data transfer and communication. This set-up improves personnel flexibility, allowing onshore experts to support operations in real time.

KEY VESSEL FEATURES

- DP 2 BATTERY HYBRID VESSEL WITH SHORE CONNECTION
- 65 TE MODULE HANDLING SYSTEM (MHS) IN HANGAR
- FLUSH SKIDDING SYSTEM FOR 60 TE MODULES ON MAIN DECK
- ROV SYSTEM READY FOR REMOTE OPERATIONS
- FIXED INTEGRATED SCALE SQUEEZE & RFO PUMP SYSTEM
- DECK IS PREPARED WITH ISO LOCKS FOR CONTAINER SEAFASTENING
- 2 X WROV'S
- 1 X OBSROV
- 3 X MOONPOOLS (MHS AND WROV OPERATIONS)
- 100 TE AHC OFFSHORE CRANE
- 615 M^2 FREE BACK DECK AREA, 515 M^2 DECK AREA IN HANGAR
- SCR CATALYTIC REACTORS FOR REDUCED NOX EMISSION TO AIR
- MARESS FUEL MONITORING SYSTEM
- DE-ICE NOTATION, COVERING LIFEBOATS, MOB BOATS, BOW AREA AND HANGAR AREA
- HELIDECK

DEEPOCEAN

CLASSIFICATION

	DNV +1A1, BATTERY(POWER), CLEAN, COMF(C-3, V-3), DEICE, K(+), DYNPOS(AUTR), E0, 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 65 Te, 2 000 m max lowering depth 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

FREE DECK AREA	615 m^2 (back deck)
DECK AREA IN HANGAR	515 m^2
DECK CARGO CAPACITY	10 Te/m^2

PROPULSION

MAIN ENGINES	6 x 2 230 bkW 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 2 conference rooms 2 client offices (3 working stations) 2 project office (6 working stations) 3 day rooms

TANK CAPACITIES

DRILL / BALLAST WATER	2 820 m^3
FRESH WATER	1 252 m^3
FUEL	1 649 m^3
BRINE	483 m^3
METHANOL	305 m^3
SPECIAL PRODUCT LFL/LFL*	305 m^3

CONSUMPTION

TRANSIT ECO 9.5 KTS	18 - 19 Te/day
DP OPERATIONS	7 - 8 Te/day
IN PORT (SHORE CON.)	0 Te/day
IN PORT	3 - 4 Te/day

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