

EDDA FAUNA

VESSEL SPECIFICATION SHEET



SUBSEA IMR AND ROV SUPPORT VESSEL

The State-of-the-Art IMR vessel Edda Fauna came into operation in 2008 as the flagship in DeepOcean IMR fleet. Edda Fauna was designed with special emphasize on providing excellent safety and work conditions on deck with a closed deck hangar. Edda Fauna accommodation and office facilities are of very high standards, creating a good working environment for offshore crew and clients.

KEY VESSEL FEATURES

- SUBSEA IMR AND ROV SUPPORT VESSEL.
- DE-ICE NOTATION, WITH COVERED LIFEBOATS, MOB BOATS, BOW AREA AND HANGAR AREA.
- 60 TE MODULE HANDLING SYSTEM (MHS)
- MHS OPERATIONS IN ENCLOSED HANGAR AREAS
- FLUSH SKIDDING SYSTEM FOR 60 TE MODULES ON MAIN DECK
- 1 OBS-ROV & 2 WORK-ROV'S
- LARS HANDLING SYSTEM FOR OBS-ROV AND WORK-ROV
- THREE MOONPOOLS FOR MHS AND ROV OPERATIONS
- 100 TE AHC OFFSHORE CRANE
- FIXED INSTALLED SCALE SQUEESE & RFO PUMP SYSTEM ONBOARD
- SCR CATALYTIC REACTORS FOR REDUCED NOX EMITION TO AIR
- OUTSIDE DECK AREA 610M², INSIDE DECK AREA (HANGAR) 650M²
- ACCOMODATION FOR 90 PERSONS TOTAL
- CLASSIFICATION: DNV+ 1A1, SF, EO, ICE-C, DYNPOS AUTR (ERN 99/99/99/99), CLEAN DK(+), HL(2,8)LFL*, COMF-C(3)-V(3), NAUT OSV(A), HELDK-SH, DE-ICE, PMS, ISM
- HELIDECK FOR SIKORSKY S-92

GENERAL

SHIP NAME	Edda Fauna
DESIGN	Subsea IMR vessel ST-255L
OWNER	Østensjø Rederi AS
OPERATOR	Østensjø Rederi AS
CHARTERER	DeepOcean AS
BUILT	2008
BUILDER	Aker Yards Brattvaag
CLASSIFICATION	DNV+ 1A1, SF, EO, ICE-C, DYNPOS AUTR (ERN 99/99/99/99), CLEAN DK(+), HL(2,8)LFL*, COMF-C(3) V(3), NAUT OSV(A), HELDK-SH, DE-ICE, PMS, ISM
DNV ID NO	26839
ERN	99/99/99/99

MAIN CHARACTERISTICS

LENGTH O.A	108,70 m
LENGTH B.P	96,00 m
BREADTH MLD	23,00 m
DRAFT, MAX	7,80 m
AIR DRAFT	42,00 m from base line
DEPTH MLD TO MAIN DECK	9,60 m
DRAFT, MIN	5,3 m
DRAFT DESIGN	6,50 m
SERVICE SPEED	12 - 13 kts
MAX SPEED	Approx. 16,5 knots (light ship condition)

FUEL CONSUMPTIONS

MAX SPEED	Approx. 35 m ³ /24 hrs
SERVICE SPEED	Approx. 22 m ³ /24 hrs
DP MODE	Approx. 10 m ³ /24 hrs
HARBOUR MODE	Approx. 5 m ³ /24 hrs

CARGO CAPABILITIES (DECK)

MAIN DECK	Outside deck area 610 m ² , inside deck area (hangar) 650 m ²
DECK SPACE (WOODEN)	610 m ²
CARGO DECK STRENGTH	10 Te/m ²
DECK CARGO CAP. (TONNES)	2200

MAIN EQUIPMENT

MAIN ENGINES	Caterpillar 3516 C
NUMBER & POWER	6 x 2230 bkW @ 1800 rpm, total of 13 380 bkW
MAIN PROPELLERS	2 x Rolls-Royce, dia 3200 mm
DRIVE TYPE SHAFT/DIESEL-ELECTRIC	Diesel - Electric
AUXILIARIES	1 x Aux. Gen. Caterpillar 3508 TA 968bkW @ 1800 rpm
EMERGENCY GENERATOR	1 x Caterpillar, 189 bkW, 1800 rpm. Type: C9
HARBOUR GENERATOR	1 x Caterpillar, 1138 kVA, 1800 rpm. Type: 3508 B AVK DSG 74 M1-4W
BOW THRUSTERS	2 x 1500 kW Rolls-Royce TT2400
TYPE	Super silent frequency driven, Alconza el. Motors.
AZIMUT	1 x 1500 kW Rolls Royce UL 2001 FP
TYPE	UL 2001 FP Retractable
STERN THRUSTER	Rolls-Royce
TYPE	AziPull AZP120

DECK CRANES

OFFSHORE CRANE	100 Te @ 15m on single fall / 25 Te @ 35 m. Main hook travel : 100 Te @ 2000 m depth. AHC/CT. Aux winch : 10 Te @ 37 m. Aux hook travel: 1000 m. AHC/CT/ Man riding.
DECK CRANES	4 x 1 Te - 15 m 2 x 1 Te - 10 m 1 x 3 Te - 10 m

DECK EQUIPMENT

MOONPOOL	1 x Moonpool 7,2 x 7,2 m 2 x WORK-ROV moonpools 4,8 x 4,8 m
CAPSTANS	2 x 10 Te, AB-winch
TUGGER WINCH	1 x 15 Te, AB-winch
HELIDECK	Helicopter deck designed for Sikorsky S - 92(9,3 tons), D-value: 21 Helideck designed and equipped in accordance with relevant authorities. Helicopter monitoring system.

TANK CAPACITIES

FUEL/BASE OIL	1649 m ³
WATER BALLAST / DRILL WATER	2820 m ³
FRESH WATER	1252 m ³
LIQUID MUD	N/A
BRINE	483 m ³
OIL RECOVERY	N/A
SLOP	50 m ³
MISC. TANKS	250 m ³
METHANOL	305 m ³
SPECIAL PRODUCT LFL/LFL*	305 m ³
UREA	82,8 m ³
MEG	744 m ³

EDDA FAUNA

NAVIGATIONAL EQUIPMENT

RADAR 1	SAM Electronics Chart radar 1000 with ARPA 10 cm
RADAR 2	SAM Electronics Chart radar 1000 with ARPA 3 cm
AUTO PILOT	1 x SAM Electronics Track pilot/conning 1100 1 x SAM Electronics Anchutz pilot star D
GPS	2 x Saab R4
LOG	1 x SAM Electronics SATLOG 4100
AIS	1 x SAM Debeg 3400
ECHOSOUNDER	1 x SAM Electronics Debeg 4630
GYRO	3 x Anchutz SDT 72
ST.COMPASS	N/A
RADIO INSTALLATION	GMDSS A3 area
INMARSAT B	N/A
INMARSAT C	2 x Sailor TT - 3606 E
VHF DSC	3 x Sailor / Thrane & Thrane RT5022

ACCOMMODATION

MESS ROOM	48 seats
RECREATION ROOM	Cinema 36 seats, 1 smokers lounge 15 seats, 1 TV lounge 15 seats, 1 "library" lounge 15 seats, fitness room, internet cafe, telephone booth.
CONFERENCE ROOM	3 conference rooms, (B-deck, C-deck and D-deck)
RECEPTION ROOMS	A-deck
CLIENT OFFICES	3 x client offices, 2 @ Port Side, 1 @ Starboard side, C-Deck
PROJECT OFFICES	OM office located at C-deck. 3rd party office, Engineer office, Survey Tech office, ROV office and Operation Control located at B-deck
WORKSHOP	ROV workshop SB side Maindeck, MHS workshop PS side Maindeck, engine workshop below tweendeck.
FITNESS AREA	Approx. 81 m ²
POWER SUPPLY	230 V, 60 Hz
TOTAL NUMBER OF BUNKS	90
TOTAL NUMBER OF CABINS	65
SINGLE CABINS	38
2-MAN CABINS	26
MESSROOM / REC.ROOM	7
HOSPITAL	1, C-deck

DYNAMIC POSITIONING SYSTEM

DP SYSTEM	Kongsberg K-Pos, SPD21, C-Joy, (DNV " DYNPOS AUTRO " (DP2))
HPR	Kongsberg Simrad, HiPap 500 SSBL
DGPS	Seapath 200, DPS 200
FANBEAM	MDL, Mk 4.2
TAUT WIRE	N/A
GYRO COMPASSES	3 x Anschutz STD 22
MOTION REFERENCE UNITS	Seatex MRU-M-MB3; 2 x MRU5, 1 x MRU2
WIND SENSORS	2 x Kongsberg, WindObserver II

VARIOUS SYSTEMS/EQUIPMENT

REVERSE OSMOSE	Enwa, MT10-35T, 2 x 25 m ³ / day
ANTI HEELING SYSTEM	1 x Framo E300 RBP400 1 Reversible propeller
ANTI ROLL SYSTEM	3 x passiv anti roll tanks; #707: 337 m ³ #708: 241 m ³ #801: 270 m ³
INCINERATOR	TeamTec, GS500C

ROV SYSTEMS

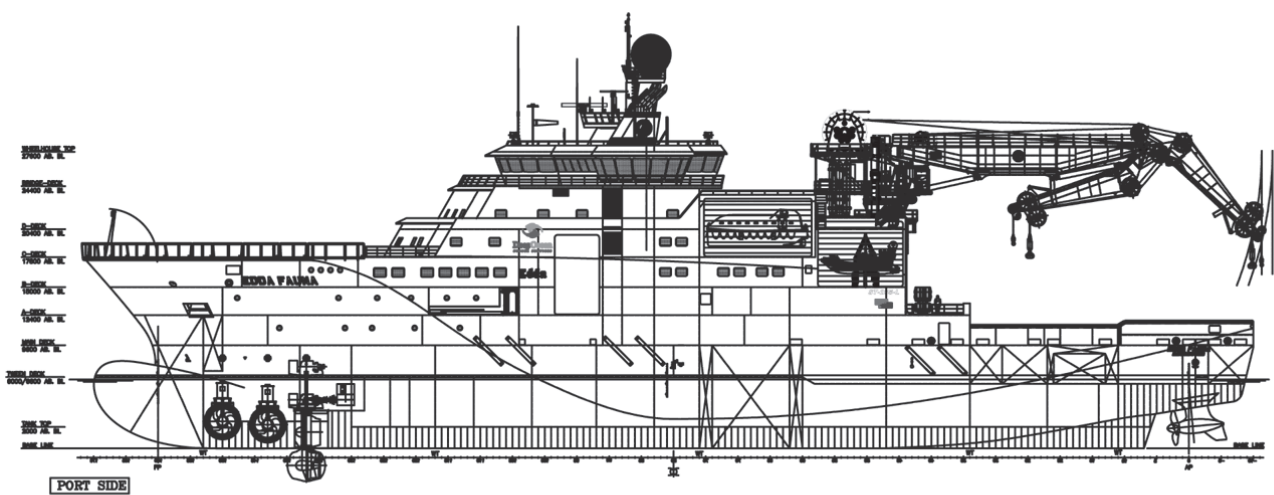
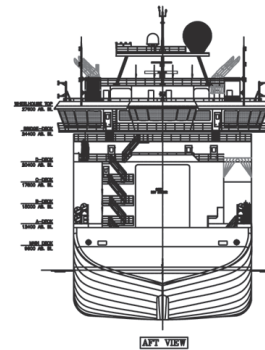
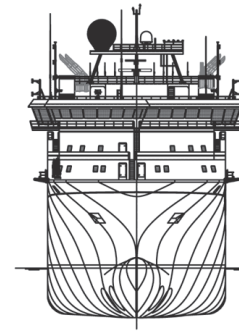
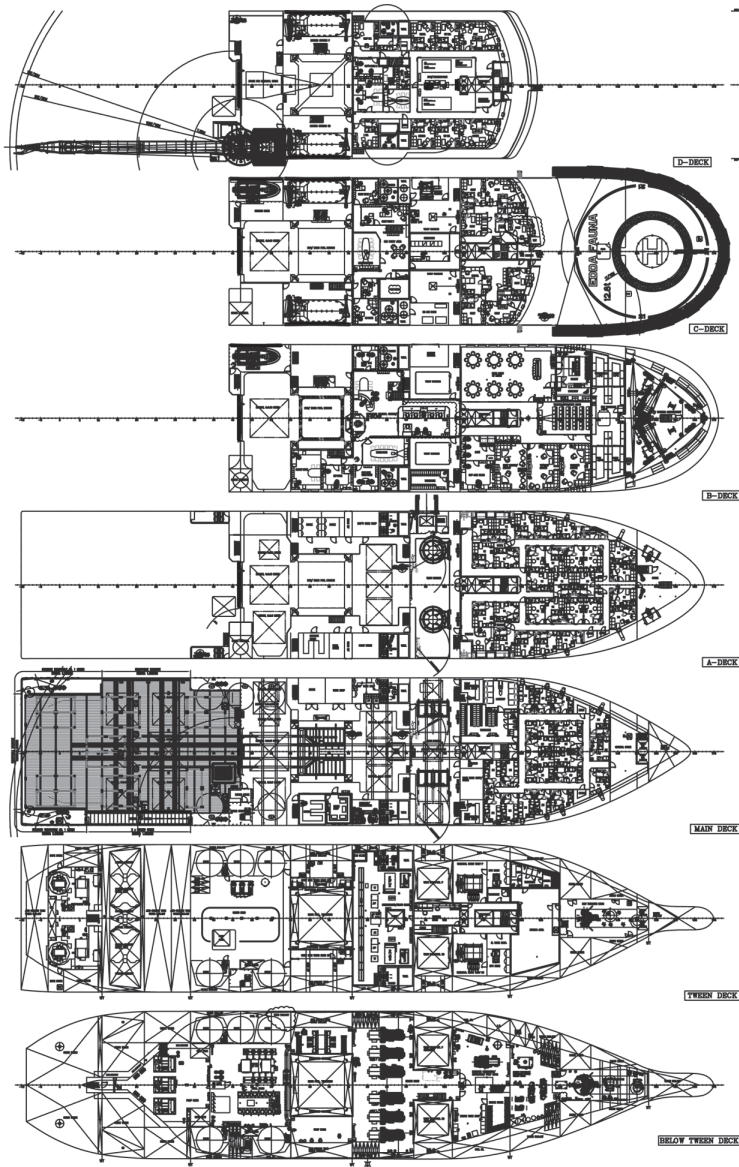
WROV	2 x Supporter MK I 125 HP W-ROV with TMS system. Stored in WROV hangar, launch/recovery in moonpools.
OBS-ROV	1 x V8 Sii OBS-ROV with TMS system. Stored in OBS-ROV hangar, launch/recovery over the side.

MODULE HANDLING SYSTEM

MAIN HOOK	60 Te SWL, max hook travel 2000 m
GUIDE WIRES	Three (3), 5 Te SWL
FUNCTIONS	Active Heave Compensation and Constant Tension
OTHER	Integrated 12 line electrical umbilical winch with HPU for mineral/water based oil. Integrated personnel lift. Skidding system flush with deck. Pallets for weld-free seafastening. Cursor system with adjustable prongs.

SCALE TREATMENT & RFO SYSTEM

SCALE TREATMENT PUMPS	1200 litre/min @ 690 bar
RFO PUMPS	2000 litre/min @ 3-60 bar



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SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.

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