

# EDDA FLORA

## VESSEL SPECIFICATION SHEET



### IMR, SURVEY AND ROV SUPPORT VESSEL

Edda Flora is designed for IMR and survey operations and came into operation in 2008. Edda Flora's accommodation and office facilities are of very high standards, creating a good working environment for offshore crew and clients.

Edda Flora has proven to be a highly efficient vessel for IMR and survey operations. Edda Flora is a state-of-the-art environmentally friendly vessel fitted with battery hybrid systems and SCR catalytic reactors for reduced NOx emissions to air. With 2-off battery packs and shore power connection installed, Edda Flora holds DNV's battery power notation.

The vessel is equipped with a unique high speed Survey ROV from Kystdesign in dedicated hangar.

### KEY VESSEL FEATURES

- DP 2 BATTERY HYBRID VESSEL WITH SHORE CONNECTION
- 1 X WROV
- 1 X SURVEY ROV
- INTEGRATED LAUNCH/RECOVERY SYSTEM FOR ROV IN ENCLOSED HANGARS
- MOONPOOL
- 50 Te AHC OFFSHORE CRANE (100 Te IN DOUBLE FALL)
- 750 m<sup>2</sup> DECK AREA
- ACCOMODATION FOR 70 PERSONS TOTAL
- DROP KEEL
- SCR CATALYTIC REACTORS FOR REDUCED NOX EMISSION TO AIR
- DE-ICE NOTATION, COVERING MOB BOATS, BOW AREA AND HANGAR AREA
- HELIDECK

## CLASSIFICATION

DNV +1A1, BATTERY(POWER), SF CLEAN(DESIGN), COMF(C-3, V-3), DEICE, DK(+), DYNPOS(AUTR), E0, HELDK(S, H), ICE(C), NAUT(OSV(A)), DP2 - ERN 99.99.99.99

**FLAG** NOR

## POSITIONING

**DYNAMIC POSITIONING** K-Pos DP 2 Kongsberg, Dynpos AUTR

**REFERENCE SYSTEMS** 2 x HiPAP 500, Seapath M 300-70, DPS 200, CyScan IV, Radius Quad

## DECK EQUIPMENT

**OFFSHORE CRANE** 50 Te on single fall, AHC  
100 Te on double fall, AHC  
Aux winch 10 Te AHC  
Personnel Lift SWL 5 Te

**MOONPOOL** 7.2 m x 7.2 m

## FRB AND LIFEBOATS

**LIFERAFTS** LSA approved for 70 persons  
6 x 35 persons liferafts

**RESCUE/MOB BOAT** Mare Safety, FRB 700 with 206 hp  
TTS Marine Davit HL9DP

## HELIDECK

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

## ROV

**SURVEY ROV** 1 x 220 hp Kystdesign Superior in hangar  
Launch/recovery over the side

**WROV** 1 x 150 hp Kystdesign Installer on back deck  
Launch/recovery over the side

## DIMENSIONS

**LENGTH (LOA)** 95.0 m

**BEAM** 20.0 m

**DRAFT, MIN/DESIGN/MAX** 5.5 m / 6.0 m / 8.0 m

**DEAD WEIGHT** 4 696 Te

**GROSS TONNAGE** 6 074 GT

## DECK CAPACITIES

**DECK AREA** 750 m<sup>2</sup>

**DECK CARGO CAPACITY** 10 Te/m<sup>2</sup>

## PROPULSION

**MAIN ENGINES** 5 x 2 220 bkW Caterpillar Type: 3 516 CTA

**THRUSTERS** 2 x 3 800 bkW Voith Schneider VSP  
2 x 1 400 kW Brunvoll Super silent frequency driven and pitch propeller  
1 x 1 400 kW Brunvoll Retractable azimuth thruster and pitch propeller

## ACCOMMODATION

70 PAX  
48 single cabins  
11 double cabins  
2 conference rooms  
5 offices (incl. 2 client offices)

## TANK CAPACITIES

**DRILL/BALLAST WATER** 2 890 m<sup>3</sup>

**FRESH WATER** 1 187 m<sup>3</sup>

**FUEL** 1 140 m<sup>3</sup>

## CONSUMPTION

**TRANSIT ECO 9.5 KTS** 17 - 18 m<sup>3</sup>/day

**DP OPERATIONS** 7 - 8 m<sup>3</sup>/day

**IN PORT (SHORE CON.)** 0 m<sup>3</sup>/day

**IN PORT** 2 - 3 m<sup>3</sup>/day