

OFFSHORE SURVEY & ROV

VESSEL | EDDA FONN



M/V EDDA FONN

SHIP DATA

LONG TERM CHARTER REACH SUBSEA AS, OWNER:
ØSTENSJØ REDERI



TYPE OF VESSEL

DP2 IMR, Survey and Light Construction Vessel

SPECIFICATIONS

Flag: Norwegian
Port of Registry: Haugesund
Call Sign: LMER
Class: DNV, 1A1, SF, Comfort-C(3)-V(3), HELD-SH, E0, DYNPOS AUTR, CLEAN, ICE C, PMS, ISM
IMO No: 9273662

BUILDER AND DIMENSIONS

Builder: Myklebust Verft AS, Norway
Date of Build: 2003
Yard No: 36
LOA: 84,7 m
Beam: 18,0 m
Draft Max: 6,8 m
Gross Tonnage: 4505
Net Tonnage: 1351

PERFORMANCE

Service Speed: 13 kts, 14 tonnes/day
Max Speed: 15,5 kts, 30 tonnes/day
Fuel Cons.
(Survey Speed): 7 MT/day

LIMITING WEATHER CONDITIONS

Always according to Master's decision.
Indicative Limitations: Wind force 8 (Beaufort scale)
 Sea state 5 (WMO sea state code)

BUNKERS

Marine Gas Oil: 1120 m³
POT Water: 428 m³ + Watermaker

MANNING

Safe Manning Crew: 22

PROPULSION

General: 2 x Diesel-electric driven Steerprop ST-35 azimuth propellers. 2 x AC asynchronous water-cooled motors.
 Each: 2200 kW (2992 bhp).
Generator Set: 4 x 1920 kW. Total: 7680 kW (10445 BHP)

Main Engines: 4 x Mitsubishi 1800 RPM
Maker: Steerprop
Type: 2 x Azimuth Propulsor SP 35 CRP

MAIN ENGINES

4 x Caterpillar 3516, Output 4 x 1600 kW

DECK EQUIPMENT

Deck Cranes: 2 x 17 tm: 1,6 T at 10 m.
 Type: Effer. 1 x 15 tm: 1,1 T at 14,7 m Heila
Type:
Tugger Winches: 1 x 10 t. Type Karmøy Winch
Offshore Crane: Single part 50 T at 16 m. 20 T at 27 m. Double part: 100 T at 10 m. Wire length 2000 M. Active Heave Compensated to 100 T.
Aux Winch (ACH): 12 T at 25 m. Wire length 500 m.

DECK AREA

Deck Measurement: 41 m x 18 m
Outside Deck Area: 700 m²
Inside Deck Area
(Hangar): Cargo hold, ROV hangar
Deck Cargo Capacity: 800 t. 7 t/m aft frame #26, 5 t/m² ahead of frame #26.
Moonpools: 1 x Moonpool 7,2 x 7,2 m.
 1 x Minimoonpool diameter 1200 mm prepared for Multibeam Echosounder

ACCOMMODATION

Total No. Beds: 66 x Beds
Total No. of Cabins: 41 x cabins
Single Cabins: 2 x Single cabins
Double Cabins: 19 x Double cabins. 11 with separate bedroom and shared bathroom
Office: 6 x Offices
Hospital: 1 x Hospital
Other: Conference room, gymnasium, sauna, sunbed, 3 x dayrooms, duty mess, mess room, galley, provisions, stores, laundry, linen

EQUIPMENT



NAVIGATION AND POSITIONING

Type:	Kongsberg K-POS DP22
Approval/Class:	DNV DYNPOS-AUTR. IMO Class 2.
Reference Systems:	2 x HiPAP 500, Seapath 330, DPS 200, Fanbeam, (optional RADIUS 100)
Sensors:	3 x Gyro, 3 x Motion Reference Unit, 3 x Wind Sensor.
ERN Number:	99,99,99
Survey Positioning:	2 x Fugro Starpack with XP/ HP/G2 corrections
Primary Survey Gyro and MRU:	Kongsberg Seapath 330 with MRU5

Secondary Survey Gyro and MRU: Octans III

Sound Velocity Profiler: Valeport Midas SVX2

GEOPHYSICS

2DHR Spread:	Source 2x 90 cu in GI gun SEAL Receiver 600/1200m (48/96 channel) Gun Controller EEL Controller
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OFF-LINE SOFTWARE

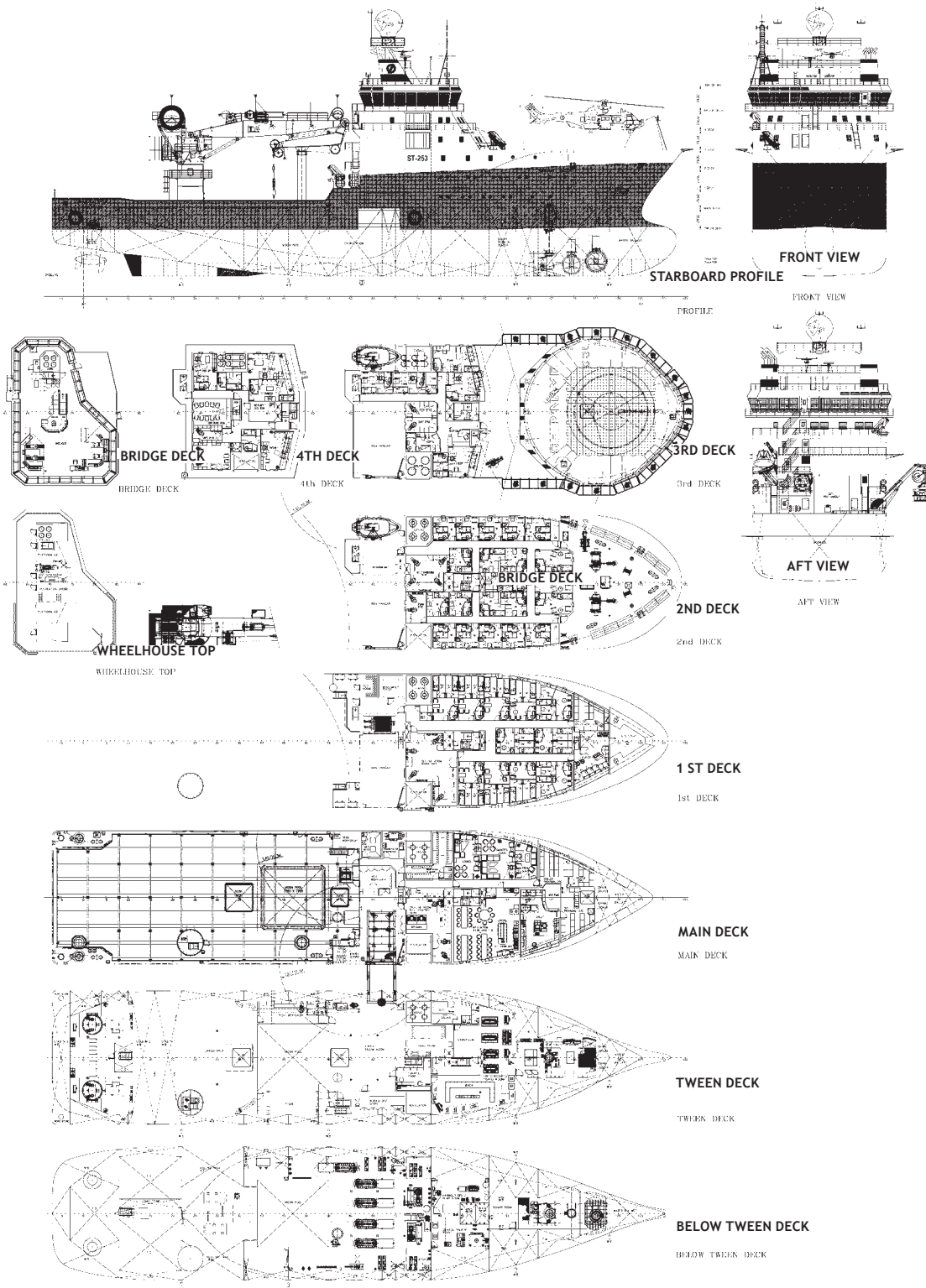
Autodesk AutoCAD Map 3D
CARIS HIPS & SIPS
Chesapeake SonarWiz
EIVA NaviSuite
Esri ArcGIS
Geosoft Oasismontaj incl UXO
Marine QPS/IVS Processing Suite
IHS Kingdom
IXSEA DelphINS
POSPac MMS
TerraPos
Visual Soft Visual Works
Wish software Autochart

SUBSEA AND INSPECTION EQUIPMENT

SROV:	Kystdesign Surveyor Interceptor
WROV:	Kystdesign Supporter
IROV:	Forum Sub-Atlantic Mohican
Vibrocoring:	6/3 m system
Corers:	Piston/gravity corer 6/3 m
Samplers:	Boxcorer/Grabsampler
Gradiometer:	Innovatum 12 sensor system
CPT:	Neptune 5000
Drop Camera:	MMT HD Drop Camera



IMR, SURVEY AND LIGHT CONSTRUCTION VESSEL



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