

FREDERIK



- ROV Operations
- Geophysical seabed mapping
- Environmental assignments

FREDERIK



Specifications:

Type of Vessel:

DP Survey & ROV Vessel

Specifications

Flag:	Danish
Call sign:	OZGZ2
Home port:	Aarhus, Denmark
Builder:	Fr. Schweers
Classification:	DNV GL
Transit:	10 knots

Navigation Aids

Systems:	Gyro, GPS receivers
DP System:	Navis
Chart system:	Transas NaviSailor 4000 dual ECDIS

Marine Echo

Sounder:	FURUNO Navigational Echo Sounder FE-700
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Tonnage & Dimensions:

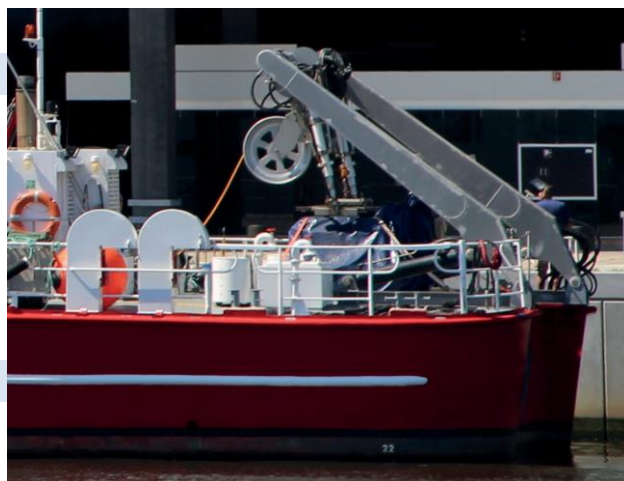
(GT) Gross Tonnage	258
(NT) Net Tonnage	77
Length:	38.4 m
Breadth:	7.8 m
Airdraft:	14.1 m
Draft:	2.1 m
Deck space:	40 m ²

Engines:

Main engine:	1 x 1000 kW CPP MWM TBD 604 V12
Auxiliary engines:	1 x 90 Cummings 6BT5, 9-D 1 x 250 kW Deutz M413FR 1 x 300 Kw Volvo D12
Thruster forward:	70 kw Jastram
Thrusters aft:	2 x 250 Kw Schottel pump jets

Deck Equipment:

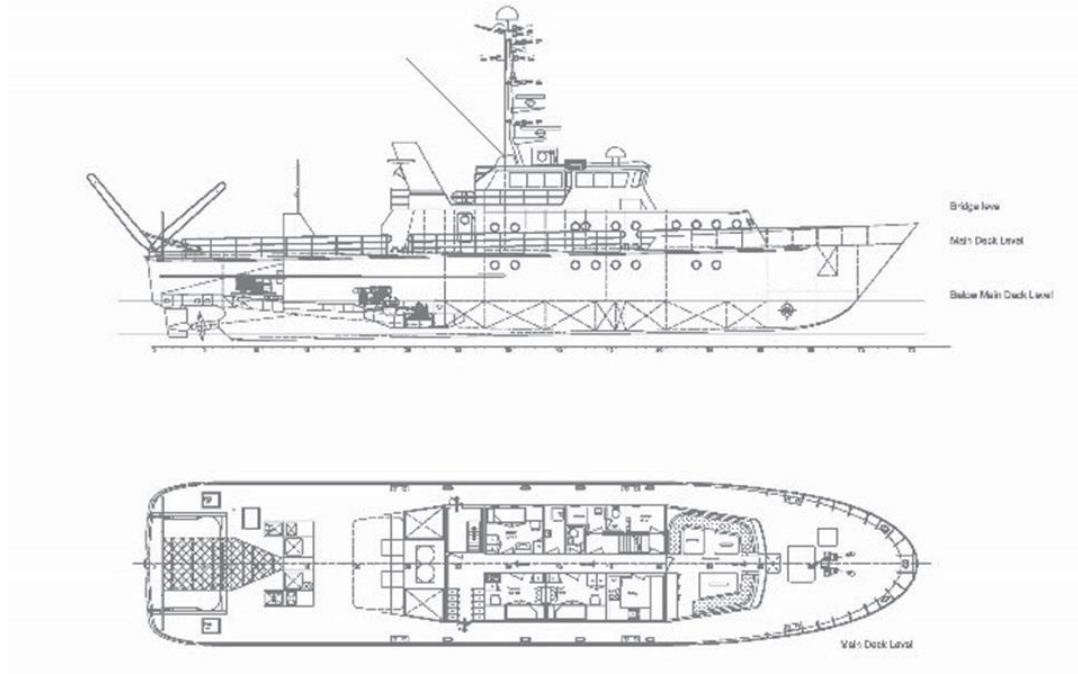
A-Frame:	SWL 4 tons
Deck Crane:	0.65 t/m
Poles	3 poles for various over the side mounted equipment



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Specifications:



Capacity

Tanks: 23000 L
Fresh water: 10000 L

Water Depth (LAT):

Multibeam (MB): 2,5 m*

Vessel Draft:

Multibeam (MB): 2.1 m

Endurance Statement

10-15 days weather permitting (using ROV)
10-15 days weather permitting (MBES/SSS or other survey)

Fuel Consumption 24 h

Transit 2400 L
Survey operation 1000 L
DP / Rov 1500 L
WoW or alongside 250 L

Accommodation

Cabins: 5 single, 5 double
Total of 10 cabins, 15 persons

Vessel Contact Phone No.

Cell No.: +45 40317398
V-sat: +45 82136413
Iridium: +881621462803

VESSEL OPERATION MAX CRITERIA

Indicative criteria only - Subject to site specific conditions!

DP operation

Wind: 12-15 m/sec
Sea state: max 1.7- 2 m*
Current: 1.8- 2.5 knots*

* subject to site specific conditions

SURVEY OPERATION MAX CRITERIA

Launch & recovery

Wind: 12- 15 m/sec
Sea state: max 1.2-1.5 m*
Current: 1.3 knots

* subject to site specific conditions

Multibeam

Wind: 15 m/sec
Sea state: max 1.5- 2.0*
Current: 3 knots*

* depending on direction