NORTHERN VICTORIA

- *Dive Operations*
- *ROV Operations*
- *Geotechnical sampling*
- *Geophysical seabed mapping*
- *Environmental assignments*

Northern Survey

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NORTHERN VICTORIA

GENERAL INFORMATION

TYPE OF VESSEL	Offshore Supply / Survey / ROV Support Vessel (DP2) SPS CERTIFIED
Classification	LR ✠ 100A1 Offshore Support Vessel ✠ LMC, UMS, DP(AA) ShipRight (IHM-EU+, BWMP (T))
Flag state authority	Denmark
Call sign	OZAV2
Port of Registry	Aarhus

BUILDER & DIMENSIONS

Built	Balenciaga, Spain
Year built	2003
Gross tonnage	2786 tons
Net tonnage	836 tons
LOA	75,00 m
Breadth	16,00 m
Draft	5,75 m
Max speed	13,5 knots
Service Speed	10 knots
Tank capacity	Fuel Oil: 566,64 m^3 Fresh water: 502 m^3

MACHINERY & PROPULSION

Main Engines:	4xMAK 6M25 @ 2322BHP per unit
Main Propeller	2xContra Rotating Azimuths
Bow Thrusters	2xRRM Tunnel @ 1042 BHP
Azimuth Thruster	1xRRM Azimuth @ 1200 BHP
Emergency Generator	1x CAT Emergency Generator
Electrical Power Supply	Deck 440V/60Hz/1250A Survey power room 400V/60Hz/250A Disposable 440V/60Hz/125A

CONTROL SYSTEMS AND DYNAMIC POSITIONING

Control Positions	Forward and Aft consoles
Joystick Control	Forward and Aft consoles
DP System	NAVIS DP 4022
DGPS #1	FURGO Seastar 9200
DGPS #2	FURGO Seastar 9200
Hydro Acoustic Pos Ref	HIPAP 500 L-USBL
Fan Beam Laser	MDL FanBeam Mark5

DECK EQUIPMENT

Deck Cranes:	TTS Norlift 20000 Kg@20m Winch with 2000m 32mm wire Hydralift 1500 Kg@11m
Deck Tuggers	2 x 5 tons
Free Deck Space:	Approx 640 m^2 (incl Mezz Deck 5t/ m^2)
Deck Strength:	5mt/m^2 (midship) & 7mt (aft)
Cargo Railing	Removable Cargo Railing Fitted

MOONPOOL and GATE VALVE

MOONPOOL	Moonpool #1 – 1200x1200 mm Moonpool #2 – 3580x3580 mm
GATE VALVE	Gate Valve #1 - ø500mm with HIPAP Gate Valve #2 - ø500mm - Available

NAVIGATION AND COMMUNICATION EQUIPMENT

Radars	2x FURUNO ARPA (S&X band)
ECDIS	2x Wartsila Navi-Sailor 4000
PLB System	AIS
Gyro(s)	3x Simrad GC80
Magnetic Compass	Fitted
Echosounder	Fitted
Digital Depth Recorder	Furuno NX 500
NAVTEX	SAILOR 630
Sat Comms	A3, Sat C, Sarlink, 1x Iridium Sat phone
AIS	Jotron AIS
Doppler Log	Fitted
MF/HF Radio	Fitted
VHF Radio	Fitted
SSAS	Trane&Trane

CREW FACILITIES

Cabins	21 x single berth cabins 14 x double berth cabins
Client's Office	2
Ship's Office	2
Survey Room	2
Messroom	1
TV Lounge	2
Gym	1
Sauna	1
Hospital	1
Changing Room	1
Total Capacity:	49 persons

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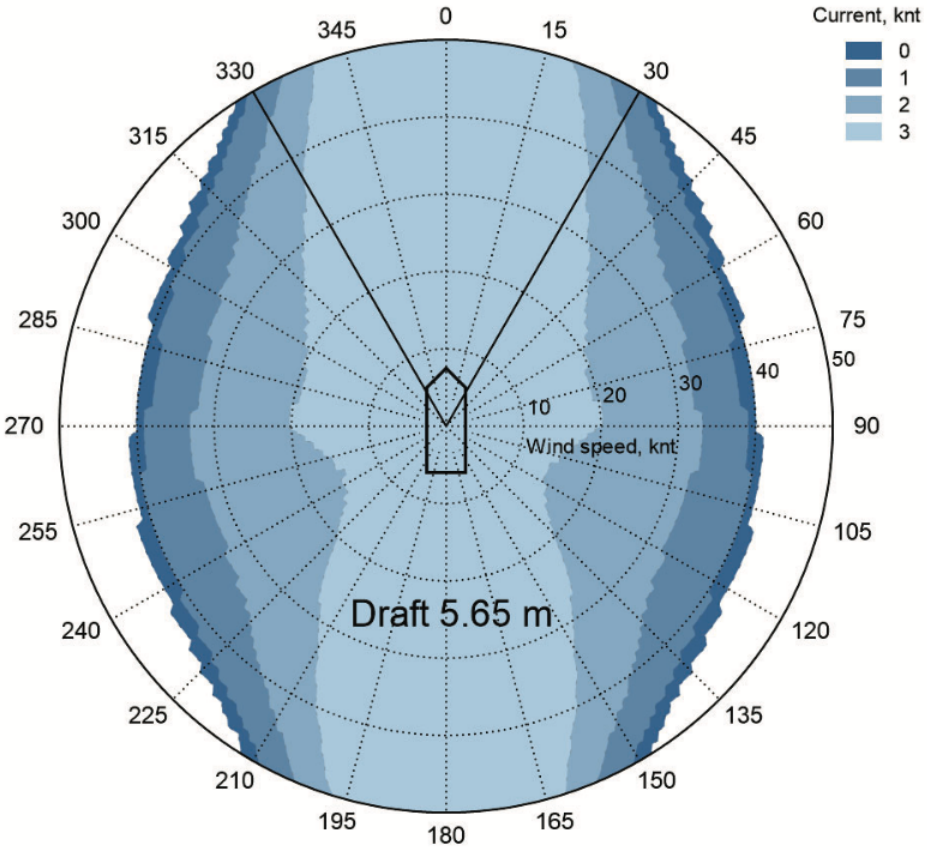
Capability Plot: All Thrusters 100% Thrust



Limits and prohibited sectors (thrust, %):	
#1 Bow FWD Thr	100%
#2 Bow AFT Thr	100%
#3 Bow AZ Thr	100%
#4 Port Stern AZ	100%
#5 Stbd Stern AZ	100%
Bus A:	3440 kW
Bus B:	3440 kW

Environment:

Max wind speed:	50.0	knt
Current Speed:	0.0 - 3.0	knt
Water depth:	1000.0	m

Collinear environment
Dynamic factor: 1.25

Thruster Limits: see section 4
Bus Limits: see section 5

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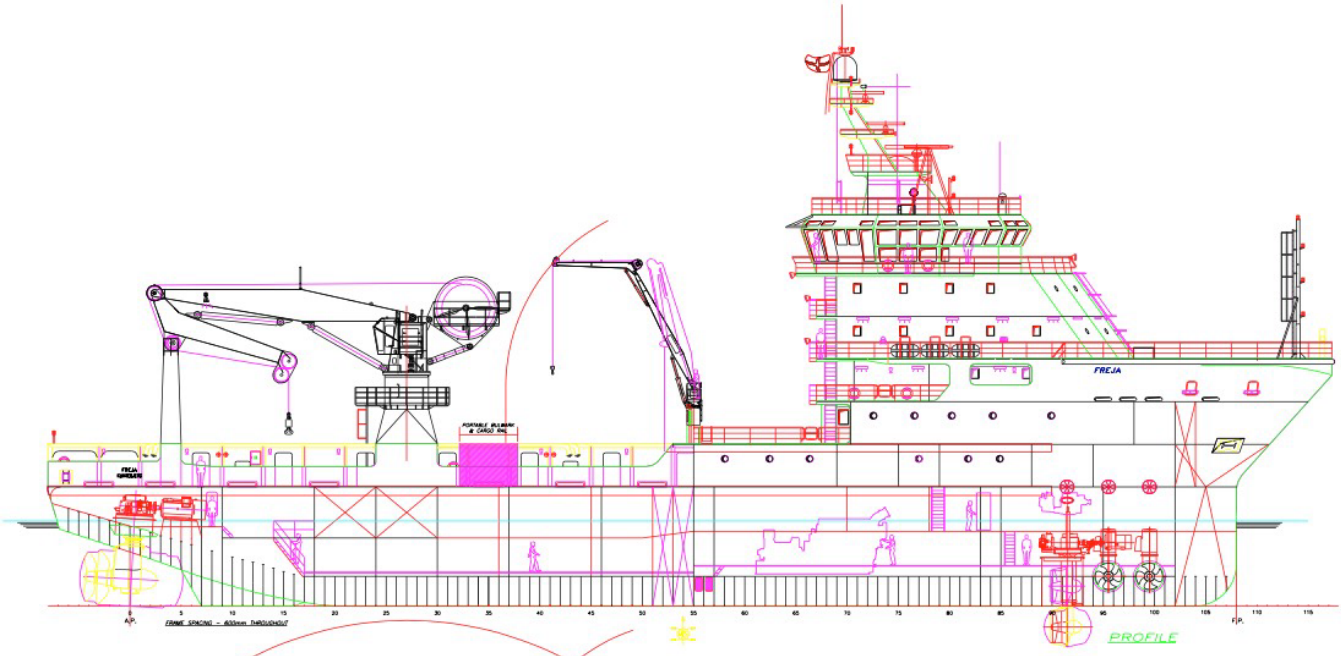
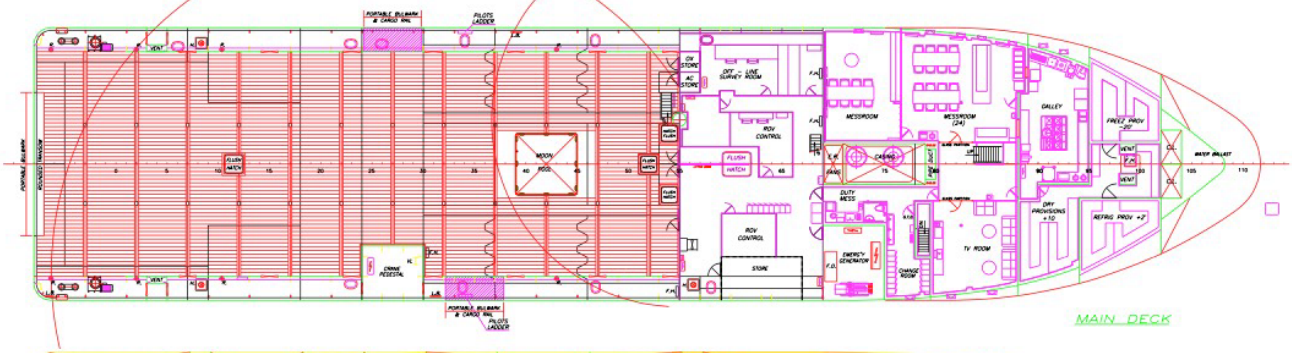
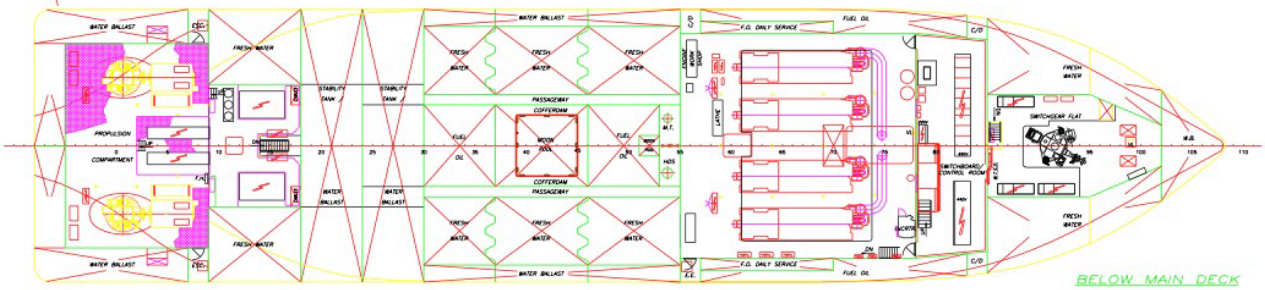
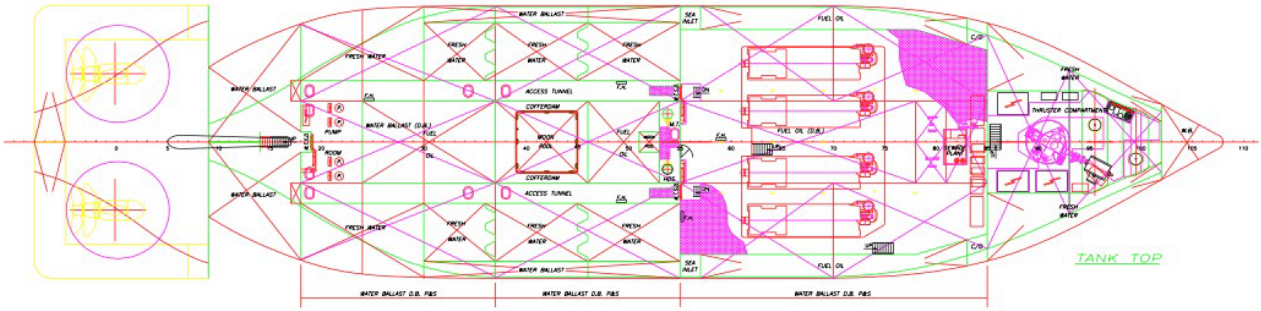
NORTHERN VICTORIA









Northern Survey

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