



NORTHERN FRANKLIN

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



Northern Survey

All details in this data sheet are believed to be correct but are not guaranteed. Specifications are subject to change without notice.



NORTHERN FRANKLIN

GENERAL INFORMATION

TYPE OF VESSEL	DP 1 Research / Survey Vessel / ROV SPS CERTIFIED
Classification	DNV X1A Offshore Service Vessel, DYNPOS (AUT) EO
Flag state authority	Denmark
Call sign	OZAV2
Port of Registry	Aarhus, Denmark

BUILDER & DIMENSIONS

Built	North Queensland Engineers & Agents Pty. Ltd.
Year built	1985
Gross tonnage	1178 tons
Net tonnage	353 tons
LOA	55,61 m
Breadth	11,99 m
Draft	4,20 m
Required water depth with FWD Azimuth	6,00 m
Service Speed	12 knots
Maximim Speed	13,5 knots

MACHINERY & PROPULSION

Main Engines:	Single Wärtsilä 12V22MD, 1590kW @900 rpm
Main Propeller	Single Lips BV CPP propeller
Bow Thruster	1x Retractable azimuth 295kW, 5.3ton
Stern thruster	1x Tunnel thruster 295kW, 4.5ton

POWER SUPPLY:

Shaft generator	800kVA
Diesel generators:	2x375 kVA Volvo Penta D12 415V 50 Hz 3 phase 240 V 50 Hz, UPS available

DECK EQUIPMENT

Stern A-Frame	8 tons
Side A-Frame	2,8 ton (wire depending)
Deck Crane	2,7 ton @ 11m
Free Deck Space:	Approx 120 m ² in total
Winches	18 mm rotating free wire 900m, SWL 6mt 10 mm signal FO wire 2100 m

NAVIGATION and COMMUNICATION EQUIPMENT

Radar	Furono 2117 Transas Naviradar 4000
ECDIS	Transas NS 4100
GMDSS EQUIPMENT	A3 AREA
Obstacle Avoidance	Fitted
Sonar	Fitted
Sat TV	Available
V-Sat	Available

WORK SPACES

Wet Lab	1
Chemistry Lab	1
Post-processing Room	1
Separate Client Office	1
General purpose lab	1
Survey Room	1

ACCOMMODATION

Office	1
Hospital	1
Lounges	2
Cabins	12 x single berth cabins 10 x double berth cabins
Mess Room	1
Day Room	1
Dressing Room	1
Laundry	2
Gym	1
Total Capacity:	32 persons



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