



NORTHERN MARIA

- *Dive Operations*
- *ROV Operations*
- *Geotechnical sampling*
- *Geophysical seabed mapping*
- *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 MARIA

GENERAL INFORMATION

TYPE OF VESSEL	DP 2 Survey & ROV Vessel
	SPS CERTIFIED
Classification	DNV X 1A1 COMF(V-3), DK(+), DYNPOS(AUTR), E0, HL(2.5), SF
Flag state authority	Denmark
Call sign	OZAV2
Port of Registry	Aarhus

BUILDER & DIMENSIONS

Built	Ulstein Verft AS / Yard No.264
Year built	2003
Major conversion	2021/2022 Denmark
Gross tonnage	2542 tons
Net tonnage	773 tons
LOA	74,30 m
Breadth	16,00 m
Draft	6,30 m
Max speed	13,5 knots
Service Speed	10 knots
Tank capacity	Fuel Oil: 645 MT Fresh water: 502 m ³

MACHINERY & PROPULSION

Main Engines:	3x 1901 Kw Caterpillar
Main Propeller	2x 1600 Kw, Azimuth Fixed Pitch
Bow Thrusters	2x 1000 BHP

POWER SUPPLY:

Diesel generators:	3x 1901 Kw Caterpillar
Harbour generator:	1x 205 Kw
Emergency generator:	1x 205 Kw

DECK EQUIPMENT

Deck Cranes:	HS MARINE AKC 370/12 HE2 Winch with 200m 32mm wire AUX Winch 150m 18mm wire - Harbour - 34560 Kg@ 8m 22250 Kg@12m - Sea State 3 - 20740 Kg@ 8m 13350 KG@12m - Sea State 4 – 19000 Kg@ 8m 12240 KG@12m Z MARINE knuckle boom 10000Kg @16m Palfinger foldable 2000 Kg @8m
MOONTUBES	2x 1300mm diameter
A-FRAME:	30 tons
Free Deck Space:	492,1 m ² (37,00m x 13,30m)
Deck Load:	1472 mt
Deck Strength:	5mt/m ²

NAVIGATION EQUIPMENT

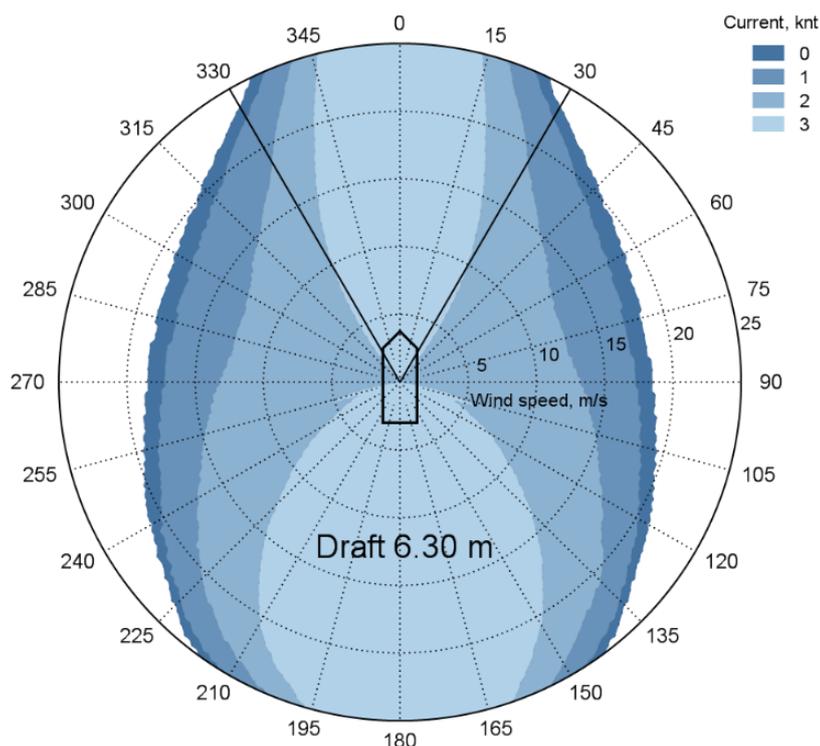
Dynamic Positioning	DP 2 from NAVIS
Reference Systems	Kongsberg HiPAP 502, DGPS, FanBeam
Radars	3cm w/ARPA & 10cm w/ARPA
ECDIS	Wartsila Navi-Sailor 4000

ACCOMMODATION

Office	1
Hospital	1
Lounges	2
Cabins	12 x 1 bed 2 Suites with double bed cabin for Client Representative. 1 Suites with 2 double bed cabins, can accommodate a total of 4 person
Accommodation module:	1 Suite single cabin, 10 double cabins, 1 Online room, 1 Offline room, 1 lounge, wardrobe, stores room, non-hot work workshop, fitness room, additional freezer
Total Capacity:	43 persons



Capability Plot: All Thrusters 100% Thrust



Limits and prohibited sectors (thrust, %):		
#1 Bow Fwd Tunnel Thruster	100%	
#2 Bow Aft Tunnel Thruster	100%	
#3 Port Azimuth Thruster	100%	245° ... 295° 
#4 Stbd Azimuth Thruster	100%	65° ... 115° 
Bus A:	1725 kW	
Bus B:	1725 kW	

Environment:

Max wind speed: 25.0 m/s
 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

