



Vessel Specification Sheet

N-Sea Pathfinder Offshore Support Vessel (OSV)



Classification / Flag / Registration

Vessel name	N-Sea Pathfinder
Owner	General Partner ms Hanze Pathfinder B.V.
Operator	N-Sea Group B.V.
Flag	Dutch
Call sign	PBYN
IMO number	9545663
Port of registry	IJmuiden
Built	2010 + major upgrades 2025
Builder	De Hoop Shipyard, Foxhol, The Netherlands
Range / Endurance	28 days
Classification	LR  Lloyds Register  100A1,  LMC, DP(AA) / Class II ROV Support Ship, ShipRight (IHM-EU+)

Dimensions

Length overall	61.87 m
Length between perpendiculars	57.27 m
Air draft	27.50 m
Breadth overall	12.80 m
Depth (to main deck)	5.50 m
Draft (summer)	4.65 m
Gross tonnage	1659 tons
Light ship weight	1024 tons

Machinery / Propulsion

Main engine(s)	2x 910 kW (Caterpillar C32) 2x 550 kW (Caterpillar C18)
Gearboxes / DieselElectric propulsion	2x 900 kW Veth VZ-1250 Azimuth Thruster
Bow thruster	2x 350 kW Veth VZ-400 Tunnel Thruster
Generator(s) + inverter	1x 105 kW (Caterpillar C4.4)



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Dynamic Positioning

DP system	NAVIS NAVDP 4000 ver 3.4.2 (DP Classification LR DP (AA))
DP reference systems	2 x DGPS Kongsberg i1 1 x DPS Offshore Tautwire 1 x SceneScan Wartsila Guidance 1 x Kongsberg HiPAP 502
DP sensors	2 x Gyro Kongsberg MGC R1 1 x Gyro Kongsberg MGC R2 2 x Anemometers Observator OMC-118H 2 x Vertical Reference Units NAVIS inclinometer 1 x MRU Kongsberg MRU-H

Accommodation

Single cabins	3 pax
Double cabins	22 pax
Triple cabins	3 pax
Quadruple cabins	12 pax
Total accomodation	40 pax
Comfort cabins / Cabin outfitting	33 operational beds
Crew facilities	Ship's office, client office, 2x project office, recreation area, mess room, gym

Deck

Deck space	360 m ²
Deck strength (UDL)	5 t/m ²
Deck crane(s)	Sormec Marine Crane, Type M650/1S 25 mT @ 10 m 14 mT @ 14 m 25,0 t @ 8,0 m
Moonpool	1 x 3000 x 3600; 2 x ø 1000
Provided (deck) power	480 V/440 V/230 V/60 Hz
Facilities	80 m ² under deck hold. Main deck fitted with container fittings.

Speed / Consumptions

Speed (max.)	12 knots
Transit speed	10 knots (9 m ³ /day)
Survey speed	4 knots (4 m ³ /day), upto 5.5 knots for Scanfish and MagSense
Survey consumption	3.6 m ³
DPI	3 m ³ /day
DPII	4 m ³ /day

Capacities

Fuel	589 m ³
Fresh water	217 m ³

Survey equipment

Multibeam	R2Sonic 2026 single head
Singlebeam	RESON Navisound 620 (200 / 50kHz)
USBL positioning	Kongsberg HiPAP 502 with cNode beacons
Gyro / Motion Reference Unit (Primary)	Kongsberg Seapath 385 and MRU5+ Internal MRU
Gyro / Motion Reference Unit (Secondary)	Exail Hydrins INS with Veripos DGNSS PPP corrections
DGNSS Primary	Kongsberg Seapath 385 with Fugro G4+ PPP corrections
DGNSS Secondary	Veripos LD900 with Ultra / Apex PPP corrections
Sound Velocity Profiler	Valeport SWIFT
Sound Velocity Profiling Winch	C-Max Vigo winch