



VESSELS

Diving

Our Values



Safety



Integrity



Sustainability



Performance



Collaboration



Innovation



subsea7

Seven Kestrel

Vessel Info

Full specification overleaf

Seven Kestrel is a diving vessel optimised for operations in the North Sea.

- Length 125.4m x breadth 24.0m
- 18-person twin-bell saturation diving system rated to 300m
- Heave compensated 120t crane
- Accommodation for 110 persons
- Deck Area 1,038m², Deck load of 1,000t at 4.5m above main deck
- DP Class III with three engine rooms

Fast Facts

- Ability to dive and launch ROV in 4.5m significant wave height
- Crane reach allows overboarding the product astern
- Twistlock grillage allows for rapid mobilisation/demobilisation. No welding required or use of subsea control module
- Use of extended umbilicals facilitating shallow saturation diving >65m from the Bell



Seven Kestrel

General Information

Type Classification	Diving +1A1 Diving Support Vessel, COMF-V(3)C(3), HELDK-SH, Dk(+), E0, DYNPOS AUTRO, DSV-SAT, SF, ESV-DP[HIL.IS], CLEAN, BIS, SPS.
Built	Hyundai Heavy Industries, (Ulsan, South Korea), 2017
Flag	Isle of Man

Principal Dimensions

Length Overall (m)	125.4m
Breadth (m)	24.0m
Depth Main Deck (m)	10.5m
Operating Draught (m)	7.0m
Gross Tonnage	13,199t
Transit Speed (knots)	12 knots (approx)

Main Deck

Clear Deck Area	1,038m²
Deck Strength	10t/m²

Tank Capacities (100%)

Fuel Oil (m ³)	1,540m³
Fresh Water (m ³)	1,042m³
Ballast Water (m ³)	3,340m³

Power and Propulsion

Engine Rooms	3
Main Engines	6
Type	HiMSEN 9H25/33
Power (kW)	2,700kW each
Generators	6
Type	H537 719-08P
Power	3,206kVA each
Propulsion	3
Type	Azimuthing Thruster
Power	2,100kW each
Thrusters	2
Type	Tunnel Thruster
Power	2,200kW each
Thrusters	2
Type	Retractable Azimuthing Thruster
Power	1,600kW each

Speeds / Fuel Consumption

Maximum Speed	12.0 knots
Economic Speed	6.0 knots
Economic Speed Fuel Consumption	20.0m³/day

Cranes

Main Crane Capacity (t)	120t
Manufacturer	Macgregor
Operating Water Depth (m) AHC	500m
Location	Yes
Location	Main deck, port side
Auxiliary Hoist	20t certified for man-riding
Auxiliary Cranes (t)	2x 10t for man-riding
Operating Water Depth	350m
Location	D-Deck, port and starboard, aft end of superstructure

DP System

DP Classification	DP Class III
Reference System	DP HIL Certification
	2x Taut wire, 3x Veripos DGNS, 2x HiPAP 500, 1x Cyscan

Dive System

Person (No.)	18
Bells (No.)	2
Depth Rating (m)	300m
Dive System Comments	State of the art triple-winch diving bell LARS, 2x 18 person hyperbaric lifeboats

Moonpool

Number	3
Type	2x Diving Bell, 4.2m x 4.2m
	1x OBSROV, 3.5m x 4.0m

ROV System

Seaeye Cougar	1x observation class
Operating Depth (m)	500m
ROV Comments	Installed in ROV hangar, stbd side at aft end of superstructure, deployed through moonpool. ROV control room, workshops and stores fully integrated into the vessel.

Helideck

Suitable for Sikorsky S-92	c/w Helicopter Monitoring System
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Accommodation

Berths (No.)	110+ 18 person in SAT
Cabins (No.)	30x single cabins
	40x double cabins



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