

Seven Pelican

DIVE SUPPORT VESSEL



The Seven Pelican is a multi-purpose offshore support vessel offering a primary dive support capability. An 18 man twin-bell saturation diving system rated to 370m provides a flexible platform for subsea operations. The system consists of three chambers and two 16 man hyperbaric lifeboats. Port and starboard moonpools for diving operations are provided.

- Length 94.10m
- Breadth 18m
- Cargo Deck Area 670m²
- 2 x Telescopic deck cranes
- 120t offshore crane
- 1 x Observation class ROV
- Option for a workclass ROV
- 18 man twin-bell saturation dive system
- Two stern mounted azimuth thrusters combined with three bow tunnel thrusters and one stern tunnel thruster.
- Class III DP System

General Information

Classification	DNV, +1A1, EO,DYNPOS AUTROSF, F-AMC, HELDK Sandefjord, Norway (1985)
Built	Bahamas Maritime
Flag State Authority	Nassau
Port of Registry	

Dimensions

Length Overall	94.10m
Breadth	18m
Depth	9.5m
Draft (summer)	6.55m
Deadweight	2333t
Gross Tonnage	4892t
Net Tonnage	1468t

Manoeuvring and Propulsion Systems

Main Engines	4 x 3000 kW (Wichman)
Generators	4x 4085kVA (Nebb)
Harbour Generator	150kW
Main Propulsion	2 x 2757kW stern azimuth thrusters (Liaaen)
Tunnel Thrusters (bow)	3 x 1100kW (Brunvoll)
Tunnel Thrusters (stern)	1 x 912kW(Brunvoll)

Dynamic Positioning Systems

DP Classification	DYNPOS AUTRO (Class III)
ERN Rating	99.99.99

DP System	Kongsberg SDP 521 (aft main bridge) Kongsberg DPC 11 (emergency bridge)
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DP Reference Systems	3 x DGPS 1 x HiPAP 1 x HPR 1 x RADIUS 1000 1 x taut wire (stbd side fr. 96) 1 x taut wire (port side fr.95) 1 x fanbeam interface
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Speed / Consumptions

Economical Speed	10.0 knots at 20t/per day
Full Speed	13.0 knots at 24t/per day
DP Operations	16t/per day

Tank Capacities (100%)

Fuel Oil	1393m ³
Fresh Water	576m ³
Ballast Water	1146m ³
Lub. Oil	42m ³

Cargo Deck

Deck Area (main deck)	670m ²
Deck Area (c deck)	130m ²
Deck Strength (main deck)	10t/m ²
Deck Strength (main deck hatch)	5t/m ²
Deck Strength (c deck)	1t/m ²

Deck Cranes

Main Deck Crane (Main Line)	120t at 8.3m (double fall) 50t at 20m (single fall)
Main Deck Crane (Whip Line)	10t at 10m-24m
Auxiliary Deck Crane I (telescopic)	5t at 8 to 12m
Auxiliary Deck Crane II (telescopic)	5t at 8 to 12m
Auxiliary Deck Crane III (wet bell)	2.2t
Auxiliary Deck Crane IV (provisions)	2t

ROV System

The vessel is fitted with one observation class ROV as standard with the option for one workclass ROV.

Dive System

The saturation diving system is classed by Det Norske Veritas.

Saturation System	18 man at 370m
Chambers	3 x 6 man
Bells	2 x 3 man
SPHL	2 x 16 man
Dive Moonpools (2)	3.6m x 3.4m

Accommodation

Single Cabins	19
Double Cabins	43
Hospital (not included in total)	2

Helideck

The vessel is fitted with an approved and certified helideck. The helideck has a D value of 19.5 and is approved for Super Puma helicopters.

Communication Systems

The vessel is fitted with Inmarsat B and C. In addition the vessels KU Band system has the option to be converted to C Band as operational requirements demand.