

Seven Pelican

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Type:
Diving

Classification:
DNV, +1A1, EO,DYNPOS
AUTROSF, F-AMC, HELDK

The *Seven Pelican* is a diving vessel featuring an 18-man twin bell saturation diving system rated to 370m, three chambers and two 16-man hyperbaric lifeboats. Port and starboard moonpools for diving operations are provided.

- Length 94m x breadth 18m
- Deck area 670m²
- 120t crane
- 1 x observation class ROV
- 18-man twin bell saturation dive system

Seven Pelican

General Information

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

Dimensions

Length Overall	94.10m
Breadth	18m
Depth	9.5m
Draft (summer)	6.55m
Deadweight	2,333t
Gross Tonnage	4,892t
Net Tonnage	1,468t

Manoeuvring and Propulsion Systems

Main Engines	4 x 3,000 kW (Wichman)
Generators	4x 4,085kVA (Nebb)
Harbour Generator	150kW
Main Propulsion	2 x 2,757kW stern azimuth thrusters (Liaaen)
Tunnel Thrusters (bow)	3 x 1,100kW (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)
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

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	1,393m ³
Fresh Water	576m ³
Ballast Water	1,146m ³
Lub. Oil	42m ³

Cargo Deck

Deck Area (main deck)	670m ²
Deck Area (main) usable	450m 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

105 persons	
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.