

# Seven Pelican

Diving

subsea 7



*Seven Pelican is a diving vessel.*

- Length 94m x breadth 18m
- Deck area 670m<sup>2</sup>
- Accommodation for 105 persons
- 120t crane
- 1 x observation class ROV
- 18-man twin-bell saturation dive system rated to 284m with two hyperbaric lifeboats

## General Information

Classification	DNV, +1A1, EO,DYNPOS AUTRO, SF, F-AMC, HELDK
Built	Sandefjord, Norway (1985)
Flag State Authority	Bahamas Maritime

## 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 3,000kW (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 K-POS DP-21 Kongsberg K-POS DP-11BU (emergency bridge)
DP Reference Systems	3 x DGPS 2 x HiPAP 351 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

DP Operations	19m <sup>3</sup> /day
Economical Speed	10.0 knots at 23m <sup>3</sup> /day (approx)
Full Speed	13.0 knots at 28m <sup>3</sup> /day
In Port Consumption	4m <sup>3</sup> /day

## Tank Capacities (100%)

Fuel Oil	1,393m <sup>3</sup>
Fresh Water	576m <sup>3</sup>
Ballast Water	1,146m <sup>3</sup>
Lub. Oil	42m <sup>3</sup>

## Cargo Deck

Deck Area (main deck)	670m <sup>2</sup>
Deck Area (main) usable	450m <sup>2</sup>
Deck Area (c deck)	130m <sup>2</sup>
Deck Strength (main deck)	10t/m <sup>2</sup>
Deck Strength (c deck)	1t/m <sup>2</sup>

## Deck Cranes

Main Deck Crane (Main Line)	120t (double fall)
Main Deck Crane (Whip Line)	10t
Auxiliary Deck Crane I (telescopic)	5t
Auxiliary Deck Crane II (telescopic)	5t
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.

## Dive System

The saturation diving system is classed by Det Norske Veritas.

Saturation System	18 man at 284m
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. The vessel also has dedicated crew WiFi internet access.