



SEVEN ATLANTIC Diving support vessel



Owner Subsea 7
Yard number 713

Dimensions
Length overall 144.79m
Length between perpendiculars 128.96m
Breadth 26m
Depth main deck 12m
Design draught 7m
Scantling draught 8m

Deadweight
Deadweight at design draught 8,700 tonnes
Deadweight at scantling draught 11,885 tonnes

Speed
Trial speed at design draught 13.6 knots

DP system DP3

Diving system

- integrated twin bell saturation diving system
- capacity for 24 divers (8 diving teams)
- maximum operating depth 350m
- two self-propelled hyperbaric lifeboats (18 man each).

ROV system

- two fully integrated observation ROV's launched through dedicated moon pools
- one modular deck mounted work class ROV.

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Well treatment equipment

<i>5x 20m³ storage tanks</i>	
1 Large HP pump	60m ³ / hr 5,000 PSI
1 Small HP pump	19m ³ / hr 5,000 PSI

Lifting gear

<i>One offshore crane (heave compensated)</i>	
Safe working load	120mt
Radius	12m
Operating depth	1,500m
<i>Two aux. deck cranes</i>	
Safe working load	10mt
Radius	14m
<i>Two provision cranes</i>	
Safe working load	2,5mt
Radius	12m

Moon pool

- two diving moon pools
- two eyeball ROV moon pools
- one tool deployment moon pool.

Workdeck

Area	1,200m ²
Load capacity	10 tonnes/m ²

Helideck

Helideck of aluminium construction suitable for regular operations of S61 helicopters and equipped with a fixed foam fire fighting system

Thrusters

Azimuth thrusters (aft), variable speed drive	3x 2,950kW
Tunnel thruster (fwd), variable speed drive	2,200kW
Retractable azimuth thrusters (fwd), variable speed drive	2x 2,400kW

Stabilising system

One active Interling stabilising system

Machinery

Medium voltage for generators, switchboards+main cabling, propulsion motors and lateral truster motors: 6.6kV 60Hz

Six main generator sets (divided over three engine rooms)

<i>Diesel engine</i>	
Maximum output	3,360kW
Engine speed	720rpm

Alternators

Maximum output	3,600kVA
Speed	720rpm
Voltage	6,600 Volt
Frequency	60Hz

One emergency/harbour generator set

<i>Diesel engine</i>	
Maximum output	1,540kW
Engine speed	1,800rpm

Alternators

Maximum output	1,875kVA
Speed	1,800rpm
Voltage	440 Volt
Frequency	60Hz

Accommodation (all cabins with own private facilities)

Captain class	3 cabins	3 people
Officer	5 cabins	5 people
Crew (single)	12 cabins	12 people
Crew (double)	65 cabins	130 people
Total accommodation	85 cabins	150 people
Divers		24 people



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