ROV Support and Construction Vessel

GENERAL

Builder / year	1982
Flag	Liberian
Class	Lloyds Register +100A1, diving support vessel, DP (AA), + LMC
Gross tonnage	4,208
Net tonnage	1,262
Deadweight (summer)	2,894 tonnes

DIMENSIONS

Length OA	94.30 m
Length BP	87.46 m
Breadth mld.	19.50 m
Depth mld.	7.30 m
Draught (summer)	4.74 m

PERFORMANCE

Service speed	abt. 10 knots

CARGO CAPACITIES

	Approx. at 100%
Fuel oil	1,078 m^3
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Potable water	357 m^3
Ballast	1,200 m^3

CARGO AREAS

Working deck dims.	54.0m x 15.0m (abt.)
Working deck area (clear)	210 m^2 (abt.)
Deck strength	5 tonnes / m^2
ROV Areas	70 m^2 (Starboard)
(Forward Main Deck)	50 m^2 (Port)

DECK MACHINERY

2 x Service Crane (Port & Starboard)
4t @ 7m outreach
Stern A Frame - SWL 15t

HELIDECK

23m diameter suitable for helicopter up to 9.2 tonnes
Heli-reception / departure room

MOONPOOL

Tapered shape of approximate dimensions:

Width (fwd)	7.5 m
Width (aft)	3.12 m
Length	6.25 m

DIVE SYSTEM

The vessel is fitted with a deck mounted, modular Saturation Dive system

Capacity	18 persons
Depth Rating	300m
Bell	1 x 3 person
Chambers	3 x 6 person plus TUP
Hyperbaric Evacuation	1 x 18 man HRC
Diver Gas Reclaim System	

DP2 SYSTEM

IMO Class 2	Kongsberg KPOS DP-21
Reference Systems	2 x DGPS
	HPR 400
	HiPAP 500
	2 x Tautwire

WHEELHOUSE

Radar (forward)	S-Band (10cm) ARPA
Radar (forward)	X-Band (3cm) ARPA
GPS unit	1 installed
Gyro compass	3 installed
HF SSB Transceiver	1 x MF / HF & DSC Unit
Inmarsat	2 x Sat C Units
Mini M	
Vsat	

MAIN MACHINERY

4 x British Polar F216V (each 3,200 bhp / 2387 kW)

Total Power	12,800 bhp / 9,548 kW (installed)

GENERATORS

	440 / 3 / 50
Main Generators	4 x 2,680 kW
Harbour Generator	1 x 450 kW
Emergency	1 x 250 kW
Deck Supply	440v / 60Hz

MAIN PROPULSION

Two 1,865 kW motors driving variable pitch propellers in steerable nozzles

THRUSTERS

Forward	2 x 800bhp transverse thrusters
	1 x ,1000bhp variable pitch tunnel thruster
Aft	2 x 800bhp transverse thrusters

ACCOMMODATION

Wheelhouse and accommodation fully air conditioned for up to 60 persons in 1, 2 and 4 berth en-suite cabins
Hospital and Recreation Rooms