



OFFSHORE VESSELS SPA80 AHTS



Class

BV I + Hull, + Mach/Unrestricted Navigation,
Tug/Supply Vessel, LHNS, oil product /
firefighting Ship 1, water spraying
/Special service, anchor handling
+AUT-UMS+DYNAPOS-AM/ATR/
CLEANSHIP/PROTECTED FOTK

Main Dimensions		Capacities (approx) & Pumps :	
Length Overall :	65,75m	Clear deck area : (5mt/m ²)	400m ²
Breadth Moulded :	16m	Deck Cargo :	900mt
Depth Moulded :	6m	Drill/Ballast Water : 150m ³ /h at 70 mic	924m ³
Scantling Draft :	5,07m	Fuel Oil : 150m ³ /h at 70 mic	752m ³
Design Draft :	4,30m	Fresh Water : 150m ³ /h at 70 mic	440m ³
Bollard Pull :	80mt	Liquid Mud : 2x 150m ³ /h at 60/150 mic	690m ³
Deadweight :	1800t	Bulk Cement : 4 tanks, Compressor	180m ³
		2x22m ³ /min at 5,6 bar	
Gross Registered Tonnage :	<2200 GT		
Speed at design draft :	13 knots		
Machinery / Propulsion		Navigation Equipment :	
Main Generators :		2 radar X-band ARPA	
3x CAT 3516C, Tier 2 EA rated 2000ekW@1800rpm		1 GPS	
Emergency/Harbour Generator : 240ekW@1800rpm		1 Navtex	
Propulsion Aft : 2 azimuth+1 fixedxSTEERPROP		3 Gyro compass	
SP 20D, rated 1686kW @ 1040rpm with nozzle		1 Magnetic compass	
each		1 Weather Fax	
Thrusters : 2 Bow thrusters 2x560kW fixed pitch variable speed thrusters		IridiumSATphone	
		1 Navigation Echo Sounder	
		1 Navigation Speed Log	
		1 AIS	
Accommodation: 26 persons.			
Deck Equipment		Communication Equipment :	
Windlass : 1x hydraulic comb, windlass/mooring winch		1 A1, A2, A3 GMDSS Radio Station	
Stockless Anchors : 2x2280Kg		2 VHF with DCS (GMDSS)	
Chain Cable : 467,5m of 36 dia. Grade 3		3 I-COM fixed VHF	
Anchor Handling/Tow Winch :		4 Portable UHF	
double drums in waterfall arrangement		1 FELCOM 500, 2 Satcom C	
Drum Capacity : 1500m of 2" 1/4+1, 100m of 2" 1/2 SWR		1 TV/Radio System	
Rated Pull (1st layer) : 150 tons @ 0-8,5m/min 250t brake		1 Fixed UHF	
Tugger Winch : 2 hydraulic winched, 10t each			
Shark Jaw Towing Pin : hydraulic driven, 250mt SWL		Dynamic Positioning System Class II :	
Deck Crane : 1x3,0t @3-15m telescopic crane		2 stations + 1 IJS+2 printers	
Rescue Boat : 15 persons, 28 knots with 3 persons, 164hp		Reference System :	
		3 Wind sensors	
		2 MRU (pitch and roll sensor)	
		2 DPS110 (DGPS with Fugro service)	
		Laser Reference Sys.	
		Radius Ref. sys	
Fire Fighting System : (Fi-Fi 1)			
2 pumps, 1600m ³ /h each			
2 monitors, 1200m ³ /hr (water), 300m ³ (foam)			
fixed water spray system according to Class			