

<b>M/V DE PENG</b>	
<b>REGISTRATION</b>	
Flag:	China
Home Port:	Guangzhou
Builder:	Shanghai Dong Hai Shipyard, Shanghai, China
Year Built:	November, 2000
Classification	* CSA 5/5 Tug, Offshore Supply Ship, Rescue Ship, Oil Recovery Ship B, Ice Class B
Sailing Area:	World-wide
<b>DIMENSIONS</b>	
Length Overall:	65.30 M
Length BP:	57.20 M
Breadth Moulded:	13.20 M
Depth Moulded:	6.20 M
Design Draught :	4.80 M
Draught Loaded (Full):	5.00 M
Displacement (Summer Draught):	2419.96 / 2568.55 Tons
<b>TONNAGE</b>	
Gross Tonnage:	1401 Tons
Net Tonnage:	420 Tons
Dead Weight:	Tons
<b>DECK CAPACITIES</b>	
Deck Area (Clear):	333.8 x 10.2m (345 M2)
Deck Cargo:	500 M/T
Deck Strength:	5 T/M <sup>2</sup>
<b>DECK EQUIPMENT</b>	
Anchor	2 x Stockless Anchors 1920KG, 1 x spare anchor
Anchor Chain	
Windlass	1 x 76 KN x 9 m/min
Tugger winch:	2 x 120 KN x 10m/min
Capstan	2 x 120 KN x 15m/min
Hyd. Crane	1 x 5 tons x 7 m / 2 tons x 11M
<b>TANK CAPACITY</b>	
P. Water:	353.66 M <sup>3</sup>
Drill Water	297.40 M <sup>3</sup>
Fuel:	414.92 M <sup>3</sup>
Lube Oil:	19.79 M <sup>3</sup>
Bulk:	2 x 36 M <sup>3</sup> 2 x 44 M <sup>3</sup> tanks
Liquid Mud:	1 x 271.28 M <sup>3</sup>
<b>TRANSFER RATES</b>	

P. Water:	0.80 MPA 100 M <sup>3</sup> /hr
D. Water:	0.86 MPA 70 M <sup>3</sup> /hr
Fuel Oil:	0.80 MPA 100 M <sup>3</sup> /hr
Bulk:	5.6 Bar 70 Tons/hr
Liquid Mud:	
<b>MACHINERY</b>	
Main Engine:	6DMK-28/28L 2 x 1640KW x 750 r/min
Bollard Pull:	Max. 66 T
Propeller:	770CB/230RU CPP Propellers in Kort Nozzles
Generator:	2 x 320KW x 750 r/min
Shaft Generator:	Taiyo FEB-45DL-4 2x800KW x 1500 r/min
Thrusters:	1 Bow Thrusters x 570KW, Thrust 10 Tons
<b>SPEED &amp; CONSUMPTION</b>	
Maximum:	14.5 Knots, 16 Tons/24 hrs
Economical:	12 Knots, 12.4 Tons/24 hrs
	10 Knots, 9.3 Tons/24 hrs
Towing:	Max. 43.12 Tons/24 hrs
Navigation:	20 Knots, Max. 43.12 Tons/24 hrs
<b>TOWING/ANCHOR HANDLING</b>	
Winch:	1 x 1000 KN x 750 r/min 2 Drums
Tow Line:	Diam. 2 x 56MM x 1000M
Towing Brake:	Holding on 1st layer - 150 tons
Shark Jaw:	2 OFF, Retractable 400 M/M - 440 Tons SWL
Towing Pins:	2 OFF, Retractable 600M/M
Stern Roller:	Dia. 1.8 x 4.6 M; SWL 356MT
<b>NAVIGATION/COMMUNICATION</b>	
Gyro Compass:	Standard-20 Anschutz
Auto Pilot:	Pilotstar-D Anschutz
Echo Sounder:	
Radar:	2 x JMA 7352-6C
Weather Fax:	JAX-9A
Inmarsat-C:	JUE-75C
GPS:	JLR - 7700 JRC
SSB Radio:	JSS-710 MF/HF 800W JRC
VHF:	2 x JHS - 32A JRC
VHF FM two-way:	3 x JHS-7 JRC
Navtex.:	NCR-300A JRC
<b>SAFETY EQUIPMENT</b>	
Ring Buoy:	10
Life Jacket:	50
Life Raft:	4 x 10 persons
Life Boat:	2
Rescue Boats:	2

Rescue Net:	Main deck with Scrambling net.
Rescue Zones	on both port & starboard side.
Hospital:	1
Radar Transponder:	2
<b>ACCOMMODATION</b>	
Crew Quarters:	18 berth
Passenger Berth:	18 berth
Total Berths:	36; All fully air-conditioned