VESSEL INFORMATION

Ownership	Marco Polo Offshore Pte Ltd
Flag	Singapore
Builder	Sarawak Slipways Sdn Bhd, Malaysia
Year Built	2007
Call Sign	9V9141
Official Number	396687
IMO Number	9394002
CLASS	ABS
Notations	?A1, Towing Vessel, Offshore Support Vessel, AH,(E), ?AMS, ?ABCU

PRINCIPAL PARTICULARS

Length Overall	49.0 m
Length (BP)	47.5 m
Beam Moulded	13.0 m
Depth Moulded	5.3 m
Draft (Design)	4.0 m
Draft (Max)	4.5 m
Deadweight at max draft	907.6MT
GRT/NRT	1025/ 307
Deck area	260 m2
Deck Strength	7.5 MT per sq.m.
Deck Carrying Capacity	300 MT minimum

SPEED

Service Speed	10.5 knots
Maximum Speed	13.0 knots

BOLLARD PULL

Bollard Pull	55 MT

ACCOMMODATION

2 x 1-berth cabins	2
3 x 2-berth cabins	6
5 x 4-berth cabins	20
Total:	28 (fully air-con)
Complement	14

LIFE SAVING EQUIPMENT

Inflatable liferaft	2 x 20 and 2 x 25-men
Rescue boat	1 x 6-men semi-rigid, c/w 40HP outboard motor, davit-launched

FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT

FiFi Class ½ with Water Spray	
Pump	1 x 1500 m3/hr
Monitor	2 x 600 m3/hr, 12 bar, 110m
Oil Dispersant System	2 x 6m spray boom with nozzles

PROPULSION SYSTEM

Main Engine	2 x CAT 3516B, 2447 BHP each
Propellers	2 x 4-bladed CPP type Ulstein/Kamewa
Rudders	2 x Independent Rudders
Bow Thruster	1 x Schottel Type STT 330 LK CP

GENERATORS

Main Genset	2 x CAT3406C, 245KW, 415V / 3 ph / 50 Hz
Shaft Generator	1 x 1800KW
Emergency Genset	1 x CAT3404, 80KW
Electrical Sockets	5 x 415V (32A) 1 x 240V (32A)

TOWING & ANCHOR HANDLING EQUIPMENT

Forward Tow Winch	PLIMSOLL Hydraulic
Rated Pull (1st Layer)	Low Speed: 20T x 12m/min High Speed: 6.0T x 34m/min
Brake Holding	120T (static 1st layer)
Drum Cap.	500m x 52mm
Towing/Anchor Handling Winch	PLIMSOLL electro-hydraulic waterfall type double drum
Rate Pull (1st layer)	120 MT @ 5 m/min
Brake Holding	150 MT
Towing Drum Cap.	1000m x 52mm
AH Drum Cap.	1000m x 52mm
Towing Pins	1 set Smit Berger SWL 100 MT
Shark Jaw	1 set Shark Jaws, SWL 200 MT
Stern Roller	L42m x 1.6~1.8m, SWL 225MT

DECK MACHINERY

Anchors	2 x Stockless Bower Anchors, 1305 kg each
Chain Cables	385m x 32mm, Gr U2
Windlass	1 x 6.5T @ 14m/min. (PLIMSOLL)
Tugger Winch	2 x 5 MT @ 15 m/min
Capstan	2 x 5 MT @ 15 m/min

TANK CAPACITIES (100%)

Fuel Oil	693.3 m3
Lube Oil	6.7 m3
Hydraulic Oil	2.3 m3
Fresh Water	410.3m3
Foam Tank	9.9 m3
Dispersant Tank	9.9 m3
Dirty Oil Tank	7.9 m3
Bilge Holding Tank	7.9 m3
Sewage Holding Tank	14.8 m3

PUMP CAPACITIES

Fuel Oil Pump	1 x 100 m3/hr @ 30m
Potable Water	1 x 100 m3/hr @ 30m
Drill Water	1 x 100 m3/hr @ 30m

MISCELLANEOUS

Oily Water Separator	1 x Taiko Kikai OWS (Cap. 1 m3/hr)
Sewage Treatment Plant	1 x STP (Hamworthy Super Trident ST3)

Particulars believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to alter the specifications without notice.
MARCO POLO MARINE LIMITED I 66 Kallang Pudding Road, Hor Kew Business Centre #05 Singapore 349324 I Tel: 6745 4145 Fax: 6654 9685 I
www.marcopolomarine.com.sg
For enquiries: ops.offshore@marcopolomarine.com.sg