



challenging new frontiers
a voyage beyond excellence

MP KOMODO

AHTS / 12,070 BHP / DP2 / FIFI 2



Coming Soon....

An artist's impression.

VESSEL INFORMATION	
Ownership	Marco Polo Offshore
Flag	Singapore
Builder	PT Marco Polo Shipyard - Batam
Year Built	2017
Call Sign	9V3385
Official Number	400093
IMO Number	9743356
CLASS	LR
Notations	✱100A1, AHTS, HNLS, Fire Fighting Ship 2, DP (AA), IWS, ✱LMC, UMS for unrestricted service and SPS Code 2008

PRINCIPAL PARTICULARS		PROPULSION SYSTEM		DECK MACHINERY	
Length Overall	76.00 m	Main Engine	2 x MAK 9M32C, 6035BHP each @600rpm	Anchors	Anchors – 2 x HHP AC-14, 2295 kg each
Length (BP)	69.17 m	CPP (CAT Prop.)	2 x 4-bladed CPP in Nozzles	Chain Cables	495m ø50mm, Gr.2
Beam Moulded	18.50 m	Bow Thruster	2 x Kawasaki CPP tunnel thruster, 800KW, 12.0T	Windlass (ZICOM)	1 set electro-hydraulic 16 MT @ 0-13m/min
Depth Moulded	8.00 m	Stern Thruster	2 x Kawasaki CPP tunnel thruster, 700KW, 10.7T	Tugger Winch	2 x 15 MT@0-21m/min
Draft (Design)	6.00 m	Rudder	2 x high-lift type (Becker)	Vert. Capstan	2 x 10 MT@0-25m/min
Draft (Max)	6.50 m	Steering Gear	Ram type (Jastram)	Rope Reel	2 x hydraulic control Cap. 2500m x ø76mm
Deadweight at max draft	3000 MT	GENERATORS		Deck Crane	1 x electro-hydraulic, SWL 5 MT @15m
GRT/NRT	3200 / 960 (approx.)	Shaft Alternator	2 x 2300KW, 440V, 3ph, 60Hz	DP SYSTEM	
Deck area	580 m2	Main Genset	2 x CAT C18, each 550KW, 440V, 3ph, 60Hz	DP-2 (MT Marine)	
Deck Strength	5.5 MT per sq.m.	Emergency Genset	1 x CAT C9, 238KW, 440V, 3ph, 60Hz	TANK CAPACITIES (100%)	
Deck Carrying Capacity	800 MT minimum	Electrical Sockets:	4x440V,60Hz, 4x415V,50Hz 4x220V,60Hz, 4x215V,50Hz	Fuel Oil (Bunkers)	574.9 m3
SPEED		TOWING & ANCHOR HANDLING EQUIPMENT		Fuel Oil (Cargo)	923.9 m3
Service Speed	12 knots	Towing/Anchor Handling Winch (McGregor low pressure system)	Electro-hydraulic waterfall type double drum Brake Holding – 400 MT Line Pull – 300 MT @ first layer x 10m/min	Ballast/Drill Water	1552.5 m3
Maximum Speed	14.0 knots	Towing Drum Cap.	2500m x ø76mm	Fresh Water	714.5 m3
BOLLARD PULL		AH Drum Cap.	2500m x ø76mm	Liquid Mud	802.9 m3 (5050 bbls)
Bollard Pull	150 MT	Towing Pins (McGregor)	4 sets @ SWL 200 MT	Brine	802.9 (Mud Tanks) + 321.2 (RCL)= 1124.1m3
ACCOMMODATION		Shark Jaw (McGregor)	2 sets @ SWL 500 MT	Dry Bulk Cargo Tanks	331.6 m3 (11,710 cu.ft – 4 tanks)
6 x 1-berth cabins	6	Stern Roller (McGregor)	L5.5m x ø2.5m, SWL 525MT	Foam Tank	22.6 m3
20 x 2-berth cabins	40	MISCELLANEOUS		Dispersant Tank	22.6 m3
Total	46 men (fully air-cond)	Oily Water Separator	1 x OWS (Cap. 1 m3/hr)	Dirty Oil Tank	13.9 m3
Complement	14	Sewage Treatment Plant	1 x STP (Cap. 46 men)	PUMP CAPACITIES	
LIFE SAVING EQUIPMENT		Water Maker	1 x 5 MT/day	Cargo Fuel Oil Pump	2 x 150 m3/hr @90m
Inflatable liferafts	6 x 25-men in hinged type cradle c/w HRU	FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT		Potable Water Pump	2 x 150 m3/hr @90m
Rescue boat	1 x 6-men semi-rigid, c/w 40HP outboard motor, davit-launched	Fifi Class 2 with Water Spray		Drill Water Pump	1 x 150 m3/hr @90m
FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT		Pump	2 x 3700 m3/hr	Liquid Mud/Base Oil Pump	2 x 150 m3/hr @90m
Monitor	3 x 2400 m3/hr, 12 bar, 150m, remote cntrl.	Oil Dispersant System	2 x 6m spray boom with nozzles	Cargo Brine Pump	1 x 150 m3/hr @90m
Fixed CO2 System	Engine Room & BT Rm.	Fixed CO2 System	Engine Room & BT Rm.	Dry Bulk Discharge Rate	80 m3/hr @60m W.P. – 5.6 bar

Particulars believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notice.

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GENERAL ARRANGEMENT

