



challenging new frontiers
a voyage beyond excellence

MP PROSPER

AHTS / 8160 BHP / DP2 / FIFI 1



VESSEL INFORMATION

Ownership	Marco Polo Offshore (VII) Pte Ltd
Flag	Singapore
Builder	PT Marco Polo Shipyard - Batam
Year Built	2016
Call Sign	9V3823
Official Number	400483
IMO Number	9796248
CLASS	ABS
Notations	⊗A1, AH, FFV1, Offshore Support Vessel, SPS, Supply, TOW, (E), ⊗AMS, ⊗ACCU, ⊗DPS-2, UWILD, SPS, RW

PRINCIPAL PARTICULARS		PROPULSION SYSTEM		DECK MACHINERY	
Length Overall	70.30 m	Main Engine	2 x MAK 9M25, 4080BHP each @750rpm	Anchors	Anchors – 2 x HHP AC-14, 1980kg each
Length (BP)	68.30 m	CPP (Berg Prop.)	2 x 4 bladed CPP in Nozzles	Chain Cables	467.5m ∅40mm, Gr.3a
Beam Moulded	16.60 m	Bow Thruster	2 x Kawasaki CPP tunnel thruster, 800KW, 12.0T	Windlass (ZICOM)	1 set electro-hydraulic 11 MT @ 12m/min
Depth Moulded	6.80 m	Stern Thruster	2 x Kawasaki CPP tunnel thruster, 400KW, 6.2T	Tugger Winch	2 x 10 MT @ 15 m/min
Draft (Design)	5.50 m	Rudder	2xhigh-lift type (Becker)	Vert. Capstan	2 x 5 MT @0-15 m/min
Draft (Max)	5.80 m	Steering Gear	Ram type (Jastram)	Rope Reel	Cap.– 1500m x ∅64mm
Deadweight at max draft	2300 MT	GENERATORS		Deck Crane	1 x electro-hydraulic, SWL 5 MT @12m
GRT/NRT	2562 / 768	Shaft Alternator	2 x 1800KW, 440V, 3ph, 60Hz	DP SYSTEM	
Deck area	495 m2	Main Genset	2 x CAT C18, each 550KW, 440V, 3ph, 60Hz	DP-2 (MT Marine)	
Deck Strength	7.5 MT per sq.m.	Emergency Genset	1 x CAT C4.4, 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	823.6 m3
SPEED		TOWING & ANCHOR HANDLING EQUIPMENT		Potable Water	565 m3
Service Speed	12 knots	Towing/Anchor Handling Winch	ZICOM electro-hydraulic waterfall type double drum Brake Holding – 300 MT Line Pull – 250 MT	Drill/FW/BallastWater	797.3 m3
Maximum Speed	14.0 knots	Towing Drum Cap.	1500m x ∅64mm	OBM/Base Oil	367.9 m3 (2314 bbls)
BOLLARD PULL		AH Drum Cap.	1500m x ∅64mm	Rig Chain Lockers	156.8 m3
Bollard Pull	120 MT	Towing Pins	1 set @ SWL 320 MT (KARMOY)	Brine	367.9 (Mud Tanks) + 156.8 (RCL) = 524.7 m3
ACCOMMODATION		KARM FORK	2 units KARM FORK, SWL 300 MT	Dry Bulk Cargo Tanks	220 m3 (4 x 2000 cu.ft = 8000 cu.ft)
6 x 1-berth cabins	6	Stern Roller	L4.5m x ∅1.8m, SWL 450MT	Foam tank	20.5 m3
3 x 2-berth cabins	6	MISCELLANEOUS		Dispersant tank	20.5 m3
6 x 4-berth cabins	24	Oily Water Separator	1 x OWS (Cap. 1 m3/hr)	Bilge Holding tank	6.4 m3
Total:	36 (fully air-con)	Sewage Treatment Plant	1 x STP (Cap. 40 men)	PUMP CAPACITIES	
Complement	14	Water Maker	1 x 8 MT/day	Cargo Fuel Oil Pump	1 x 150 m3/hr @90m
LIFE SAVING EQUIPMENT				Potable Water Pump	1 x 150 m3/hr @90m
Inflatable liferaft	6 x 25-men			Drill Water Pump	1 x 150 m3/hr @90m
Rescue boat	1 x 6-men semi-rigid, c/w 25HP outboard motor, davit-launched			Liquid Mud/Base Oil Pump	2 x 100 m3/hr @80m
FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT				Cargo Brine Pump	1 x 100 m3/hr @80m
Fifi Class 1 with Water Spray				Dry Bulk Discharge Rate	80 m3/hr @60m
Pump	2 x 1650 m3/hr				
Monitor	2 x 1200 m3/hr, 12 bar, 120m, remote cntrl.				
Oil Dispersant System	2 x 6m spray boom with nozzles				

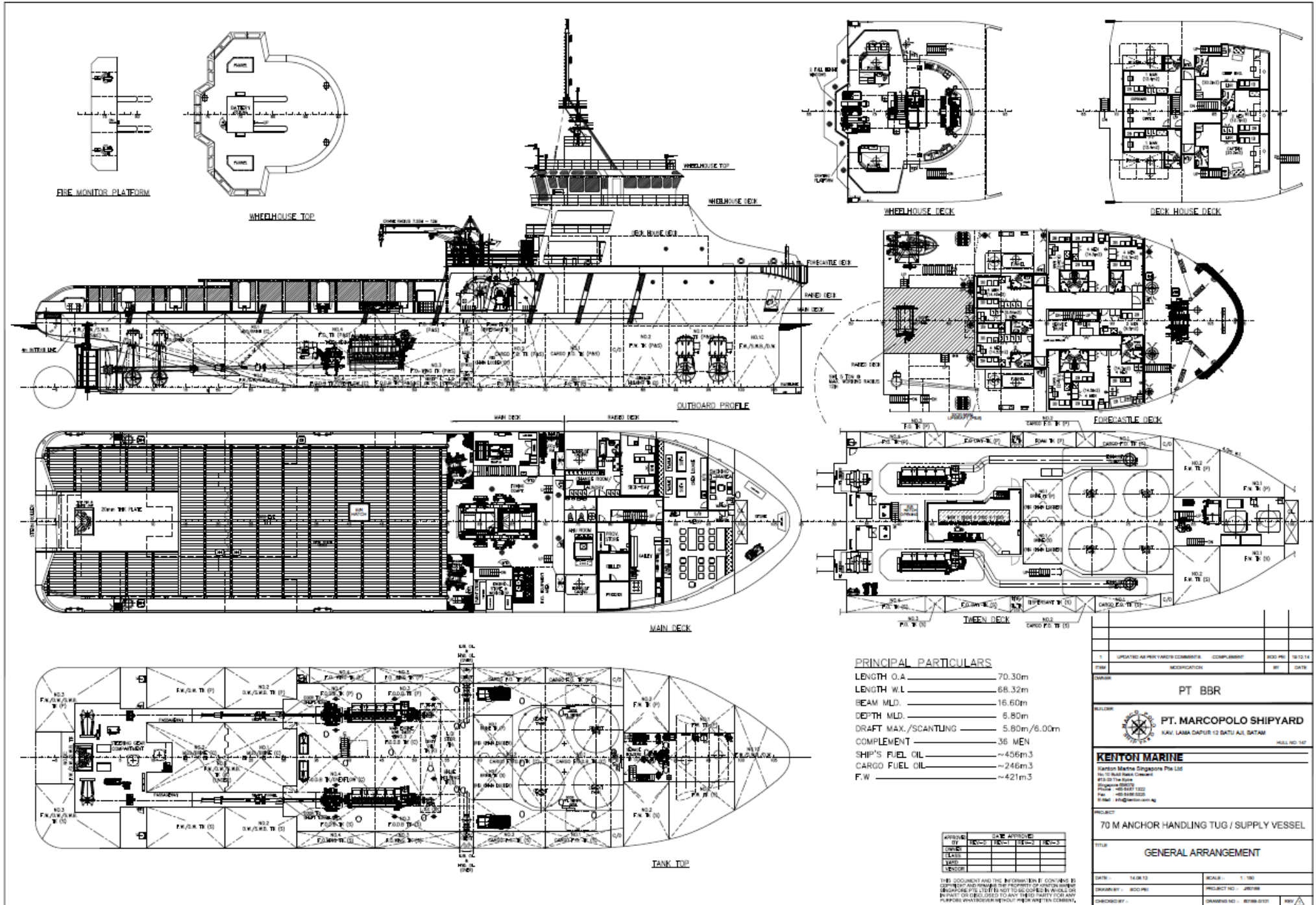
Particulars believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notice.

MARCO POLO MARINE LIMITED | 66 Kallang Pudding Road, Hor Kew Business Centre #05-01 Singapore 349324 | Tel: 6741-2545 Fax: 6659-4685 |

www.marcopolomarine.com.sg

For enquiries: ops.offshore@marcopolomarine.com.sg

GENERAL ARRANGEMENT




PRINCIPAL PARTICULARS

LENGTH O.A.	70.30m
LENGTH W.L.	68.32m
BEAM MLD.	16.60m
DEPTH MLD.	8.80m
DRAFT MAX./SCANTLING	5.80m/6.00m
COMPLEMENT	36 MEN
SHIP'S FUEL OIL	~456m ³
CARGO FUEL OIL	~246m ³
F.W	~421m ³

APPROVED BY	DATE APPROVED
DESIGN	
CHECK	
VERIFY	
ISSUE	

THIS DOCUMENT AND THE INFORMATION IT CONTAINS IS SPECIFIC AND VALID FOR THE PROJECT OF WHICH IT IS A PART. IT IS NOT TO BE USED FOR ANY OTHER PURPOSE WHATSOEVER WITHOUT THE WRITTEN CONSENT OF THE PROJECT MANAGER.

1	UPDATED AS PER YARD'S COMMENTS	COMPLETION	02/01/14
FORM	MODIFICATION	BY	DATE
PT BBR			
 PT. MARCOPOLO SHIPYARD KAW. LAMA CAPUR 12 BATU AJU, BATAM			
KENTON MARINE			
Kenton Marine Singapore Pte Ltd No. 10 Seah Road, Singapore #13-01 The Arcade SINGAPORE 068553 Phone: +65 6337 1322 Fax: +65 6337 0022 E-Mail: info@kentonmarine.com			
PROJECT			
70 M ANCHOR HANDLING TUG / SUPPLY VESSEL			
TITLE			
GENERAL ARRANGEMENT			
DATE:	14/01/13	SCALE:	1:100
DRAWN BY:	02/01/14	PROJECT NO.:	090708
CHECKED BY:		DRAWING NO.:	090708-01/01