



challenging new frontiers
a voyage beyond excellence

MP PROWESS

AHTS / 8160 BHP / DP2 / FIFI 1



VESSEL INFORMATION

| | |
|-----------------|---|
| Ownership | Marco Polo Offshore (III) Pte Ltd |
| Flag | Singapore |
| Builder | PT Marco Polo Shipyard - Batam |
| Year Built | 2014 |
| Call Sign | 9V2568 |
| Official Number | 399179 |
| IMO Number | 9725811 |
| CLASS | ABS |
| Notations | ⚡A1, Towing Vessel, AH, Fire Fighting Vessel Class 1, Offshore Support Vessel, SPS, Supply, (E), ⚡AMS, ⚡DPS-2 |

| 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 ø40mm, Gr.3a |
| Beam Moulded | 16.60 m | Bow Thruster | 2 x Kawasaki CPP tunnel thruster, 700KW, 10.7T | 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 ø64mm |
| 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 1600KW, 440V, 3ph, 60Hz | DP SYSTEM | |
| Deck area | 495 m2 | Main Genset | 2 x CAT C18, each 550KW, 440V, 3ph, 60Hz | DP-2 (Kongsberg) with Cyscan | |
| 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 | 553.6 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 ø64mm | OBM/Base Oil | 375.6 m3 (2362 bbls) |
| BOLLARD PULL | | AH Drum Cap. | 1500m x ø64mm | Rig Chain Lockers | 156.8 m3 |
| Bollard Pull | 120.05 MT | Towing Pins | 1 set @ SWL 320 MT (KARMOY) | Brine | 375.6 (Mud Tanks) + 156.8 (RCL) = 532.4 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 ø1.8m, 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 | | | | |

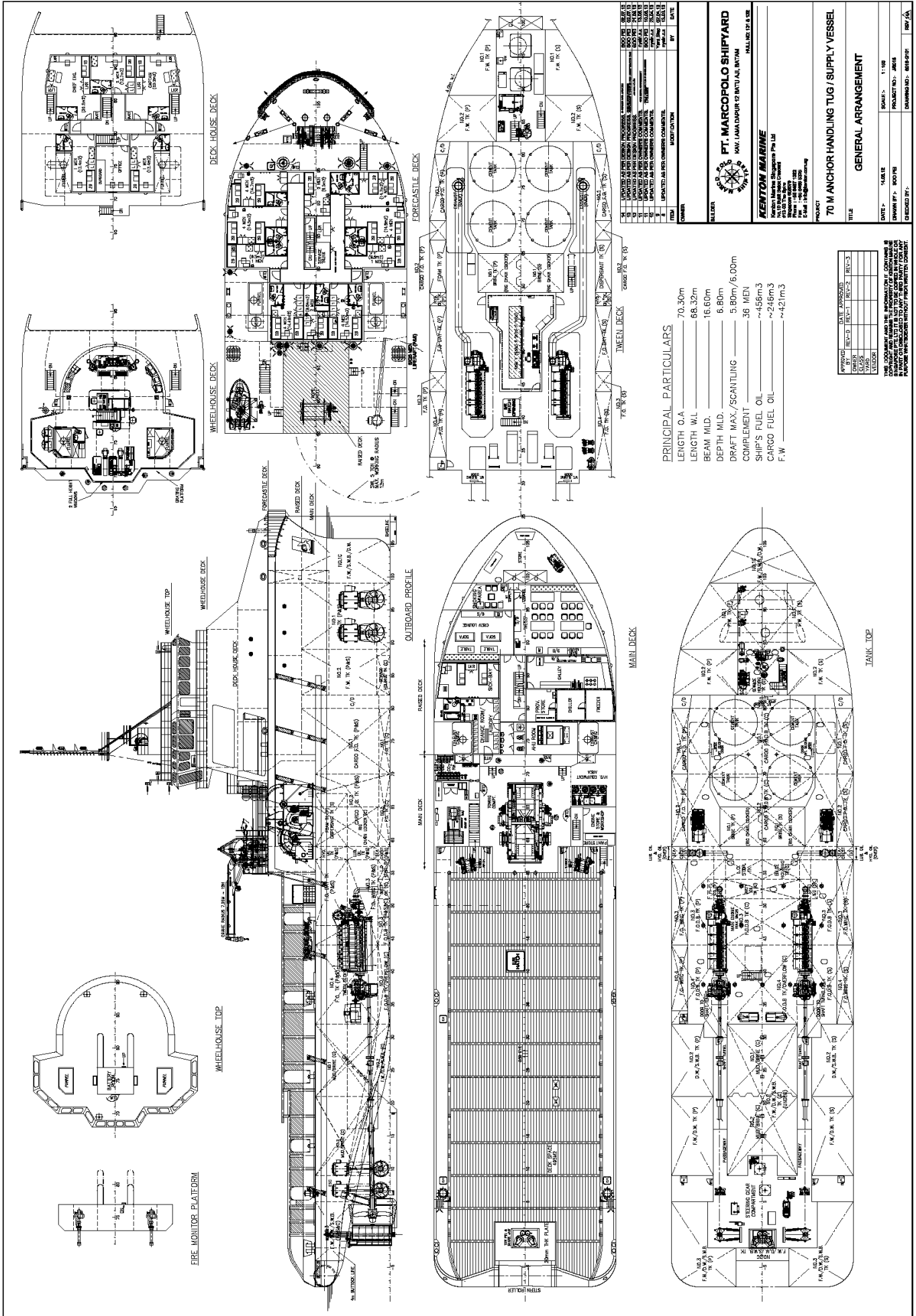
Particulars believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notice.

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



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PT. MARCOPOLO SHIPYARD
KAW. JAMADIKUR 12 BANTU ALI, BATUMI

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PRINCIPAL PARTICULARS

LENGTH O.A. 70,30m
 LENGTH W.L. 66,32m
 BEAM MLD. 16,60m
 DEPTH MLD. 8,80m
 DRAFT MAX./SCANTLING 5,80m/6,00m
 COMPLIMENT 36 MEN
 SHIP'S FUEL OIL ~456m3
 CARGO FUEL OIL ~246m3
 F.W ~421m3

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GENERAL ARRANGEMENT

DATE: 14.08.22
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