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a voyage beyond excellence*

MP PRELUDE

AHTS / 8080 BHP / DP2 / FIFI 1



VESSEL INFORMATION	
Ownership	Through IDX-listed subsidiary, PT Pelayaran Nasional Bina Buana Raya Tbk
Flag	Indonesia
Builder	PT Marco Polo Shipyard - Batam
Year Built	2011
Call Sign	PNNY
Official Number	3212PPm
IMO Number	9601364
CLASS	ABS & BKI
Notations	✱A1 (E), Towing Vessel, AH, Fire Fighting Vessel Class 1, Offshore Support Vessel, ✱AMS, ✱DPS-2

PRINCIPAL PARTICULARS		PROPULSION SYSTEM		DECK MACHINERY	
Length Overall	65.50 m	Main Engine	2 x MAK 9M25, 4040BHP @750 rpm each	Anchors	2 x HHP AC-14 anchors, 1750kg each
Length (BP)	58.70 m	CPP	2 x Berg Propulsion, dia 3600 mm	Chain Cables	632.5m ø42mm, Gr.U2
Beam Moulded	16.00 m	Bow Thruster	2 x Kawasaki CPP tunnel thruster, 600KW, 9.3T	Windlass (ZICOM)	1 set electro-hydraulic 7.6T @ 12m/min
Depth Moulded	6.50 m	Stern Thruster	1 x Kawasaki CPP tunnel thruster, 600KW, 9.3T	Tugger Winch	2 x 10 MT @0-16 m/min
Draft (Design)	5.50 m	Rudder	2 x high-lift type (Becker)	Vert. Capstan	2 x 5 MT @0-15 m/min
Draft (Max)	5.80 m	Steering Gear	Ram type (Nufoss/Wagner)	Rope Reel	Cap.- 1500m x ø64mm Pull - 7T @ 20m/min
Deadweight at max draft	1943 MT	GENERATORS		Deck Crane	1 x electro-hydraulic, SWL 5 MT @12m
GRT/NRT	1896 / 569	Shaft Alternator	2 x 1400KW, 440V, 3ph, 60Hz	DP SYSTEM	
Deck area	435 m2	Main Genset	2 x CAT C18, each 550KW, 440V, 3ph, 60Hz	DP-2 (Kongsberg)	
Deck Strength	5.5 MT per sq.m.	Emergency Genset	1 x CAT C4.4, 95KW, 440V, 3ph, 60Hz	TANK CAPACITIES (100%)	
Deck Carrying Capacity	600 MT minimum	Electrical Sockets:	4 x 440V, 3ph, 60Hz, 32A 4 x 415V, 3ph, 50Hz, 32A 2 x 220V, 3ph, 60Hz, 16A 2 x 220V, 3ph, 50Hz, 16A	Fuel Oil	605.1 m3
SPEED		TOWING & ANCHOR HANDLING EQUIPMENT		Potable Water	419.4 m3
Service Speed	12.5 knots	Towing/Anchor Handling Winch (ZICOM)	1 set electro-hydraulic waterfall type double drum Brake Holding - 300 MT Line Pull -200MT@5m/min	Drill/FW/Ballast Water	467.5 m3
Maximum Speed	14.0 knots	Towing Drum Cap.	1500m x ø64mm	OBM/Base Oil	324.3 m3 (2040 bbls)
BOLLARD PULL		AH Drum Cap.	1500m x ø64mm	Rig Chain Lockers	149.4 m3
Bollard Pull	120 MT	Towing Pins	1 set @ SWL 320 MT (KARMOY)	Brine	324.3 (Mud) + 347.2 (Br/DW/WB Tanks) = 671.5 m3
ACCOMMODATION		KARM FORK	2 units KARM FORK, SWL 300 MT	Dry Bulk Cargo Tanks	215m3 (4 x 1900 cu.ft=7600 cu.ft)
2 x 1-berth cabins	2	Stern Roller	L4.8m x ø2.0m, SWL 300MT	Foam tank	14.7 m3
4 x 2-berth cabins	8	MISCELLANEOUS		Dispersant tank	14.7 m3
7 x 4-berth cabins	28	Oily Water Separator	1 x OWS (Cap. 1.2 m3/hr)	Bilge Holding tank	7.4 m3
Total:	38 (fully air-con)	Sewage Treatment Plant	1 x STP (Cap. 40 persons)	PUMP CAPACITIES	
Complement	14	Water Maker	1 x 8 MT/day (reverse osmosis)	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 20-men			Drill Water Pump	1 x 150 m3/hr @90m
Rescue boat	1 x 6-men semi rigid c/w 40HP OBM and 1.65T SWL remote operated davit.			Liquid Mud/Base Oil Pump	2 x 100 m3/hr @90m
FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT				Cargo Brine Pump	1 x 100 m3/hr @90m
FiFi Class 1 with Water Spray				Dry Bulk Discharge Rate	80 m3/hr @60m
Pump	2 x 1500 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.

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