



challenging new frontiers
a voyage beyond excellence

MP PREVAIL

AHTS / 9000 BHP / DP2 / FIFI 1



VESSEL INFORMATION

Ownership	Through IDX-listed subsidiary, PT Pelayaran Nasional Bina Buana Raya Tbk
Flag	Indonesia
Builder	PT Nanindah Mutiara Shipyard - Batam Yard
Year Built	2013
Call Sign	J Z L K
Official Number	5273/PPm
IMO Number	9592989
CLASS	ABS & BKI
Notations	⊛A1 (E), Towing Vessel, AH, Fire Fighting Vessel Class 1, Offshore Support Vessel, ⊛AMS, ⊛ACCU, ⊛DPS-2

PRINCIPAL PARTICULARS		PROPULSION SYSTEM		DECK MACHINERY	
Length Overall	72.00 m	Main Engine	2 x YANMAR 8N330-EN 4,500 BHP @620rpm	Anchors	2 x stockless bowers 2460 kg
Length (BP)	62.47 m	CPP	2 x ZF Marine Propulsion, dia 3500 mm	Chain Cables	660m ø38mm, Gr.U3
Beam Moulded	16.00 m	Bow Thruster	Kawasaki 2 x 400kw CPP tunnel thruster	Windlass (McGregor Plimsoll)	1 set electro-hydraulic 8.4T x 10m/min
Depth Moulded	7.50 m	Stern Thruster	Kawasaki 1 x 400kw CPP tunnel thruster	Tugger Winch	2 x 10 MT @ 15 m/min
Draft (Design)	6.00 m	Rudder	2 x Rolls-Royce Flap series	Vert. Capstan	2 x 10 MT @ 15 m/min
Draft (Max)	6.30 m	Steering Gear	Rolls-Royce SR662 FCP	Rope Reel	Cap.- 1500m x ø76mm Pull - 10T x 20m/min
Deadweight at max draft	2400 MT	GENERATORS		Deck Crane (telescopic)	1 x electro-hydraulic, SWL 3 MT @10m
GRT/NRT	2696 / 809	Shaft Alternator	2 x 1500kw / 440V / 3 phase / 60Hz	DP SYSTEM	
Deck area	450 m2	Main Genset	2 x Cat C18 380kw / 440V / 3 phase / 60Hz	DP-2 (Converteam)	
Deck Strength	7.5 MT per sq.m.	Emergency Genset	1 x Cat C4 94kw / 440V / 3 phase / 60Hz	TANK CAPACITIES (100%)	
Deck Carrying Capacity	700 MT minimum	Electrical Sockets:	5 x 440V, 3ph, 60Hz, 32A 1 x 220V, 3ph, 60Hz, 16A 2 x 220V, 1ph, 60Hz, 10A	Fuel Oil	701.0 m3
SPEED		TOWING & ANCHOR HANDLING EQUIPMENT		Potable Water	340.1 m3
Service Speed	12.5 knots	Towing/Anchor Handling Winch (McGregor Plimsoll)	1 set electro-hydraulic waterfall type double drum Brake Holding - 350 MT Line Pull (1 st layer) - 250 MT @ 6 m/min	Drill/FW/BallastWater	1281.6 m3
Maximum Speed	14.5 knots	Towing Drum Cap.	1500m x ø76mm	OBM/Base Oil	514.9 m3 (3239 bbls)
BOLLARD PULL		AH Drum Cap.	1500m x ø76mm	Rig Chain Lockers	193.8 m3
Bollard Pull	120.4 MT	Towing Pins	1 set x SWL 300 MT	Brine	514.9 (combined with Mud Tanks)
ACCOMMODATION		Shark Jaw	1 set McGregor Plimsoll Shark Jaws, SWL 350 MT	Dry Bulk Cargo Tanks	226 m3 (4 x 2000 cu.ft = 8000 cu.ft)
8 x 1-berth cabins	8	Stern Roller	L5.0m x ø1.8m, SWL 350MT	Foam tank	13.5 m3
16 x 2-berth cabins	32	MISCELLANEOUS		Dispersant tank	13.5 m3
Total:	40 (fully air-con)	Oily Water Separator	1 x Taiko Kikai OWS (BOSS OWS 5T-107)	Bilge Holding tank	6.6 m3
Complement	14	Sewage Treatment Plant	1 x Taiko ISS-43N (Cap. 3.0 m3/day)	PUMP CAPACITIES	
LIFE SAVING EQUIPMENT		Water Maker	10 MT / day (reverse osmosis)	Cargo Fuel Oil Pump	1 x 150 m3/hr @75m
Inflatable liferaft	6 x 20 men			Potable Water Pump	1 x 150 m3/hr @75m
Rescue boat	1 x 6 men rigid c/w 60HP OBM and SWL 3.0 MT remote operated davit.			Drill Water Pump	1 x 150 m3/hr @75m
FIRE-FIGHTING & ANTI-POLLUTION EQUIPMENT				Liquid Mud/Base Oil Pump	2 x 100 m3/hr @75m
Fifi Class 1 with Water Spray				Dry Bulk Discharge Rate	60 m3/hr @60m
Pump	2 x 1775 m3/hr				
Monitor (remote controlled)	2 x 1,200 m3 per hour 120 m throw				
Oil Dispersant System	2 x 6m spray boom with nozzles				

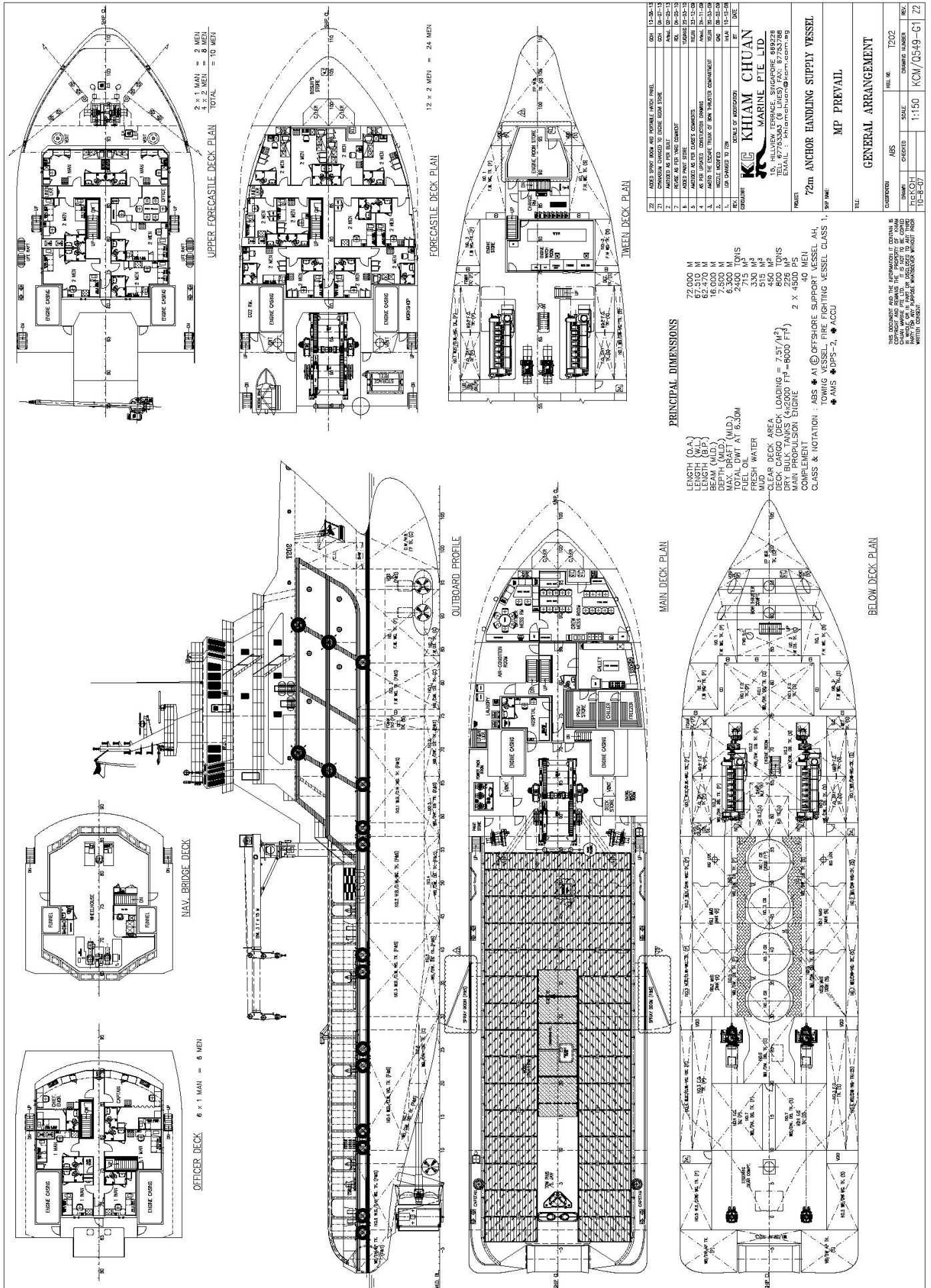
Particulars believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notice.

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GENERAL ARRANGEMENT



PRINCIPAL DIMENSIONS

- LENGTH (O.A.) 72,000 M
- LENGTH (A.H.) 66,470 M
- LENGTH (B.P.) 62,470 M
- BEAM (M.D.) 16,000 M
- DEPTH (M.D.) 6,500 M
- TOTAL DWT AT 6.30M 24,000 TONS
- FRESH WATER 715 M³
- 330 M³
- 450 M³
- 800 TONS
- 276 M³
- 2 X 4500 PS
- 10 VESSEL A.H.
- CLASS & NOTATION : ABS A1 CCS OFFSHORE SUPPLY TANKER, FIRE FIGHTING VESSEL CLASS 1.
- AMS OPS-2, ACCU

ITEM NO.	DESCRIPTION	DATE
21	ADD'D SPOKE ROOM AND RETRIEVE INTO PANEL	04-12-16
22	CONVERSION LAMPED TO DIESEL ROOM STORE	04-07-15
7	ADD'D AS PER BILL OF MATERIALS	02-02-13
8	ADD'D AS PER BILL OF MATERIALS	02-02-13
9	ADD'D AS PER BILL OF MATERIALS	02-02-13
6	ADD'D AS PER CLASSE'S COMMENTS	20-12-10
5	ADD'D AS PER CLASSE'S COMMENTS	20-12-10
4	AS PER UPDATED CONSTRUCTION DRAWINGS	14-11-09
3	AS PER CLASSE'S COMMENT: THICK OF BOW TRANSIT COMPARTMENT	06-12-08
2	ADD'D AS PER BILL OF MATERIALS	02-02-13
1	ISS. CHANGED TO 2M	04-10-14-08

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72m ANCHOR HANDLING SUPPLY VESSEL		
SHIP NAME:	MP PREVAL	
TITLE: GENERAL ARRANGEMENT		
CUSTOMER:	HULL NO:	T202
DRAWN:	SCALE:	1:150
CHECKED:	DATE:	KCM/0549-G1
DATE:		10-8-07

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