

PVT HERA

Ship's Particulars

Name	: PVT HERA	Call Sign: XVCB7	IMO No: 9364227	Official No.:	SG-OIL-002760-1
Flag	: VIET NAM	Port of Registry	: SAI GON	MMSI NO.:	574003890
		Inmarsat-F Fax	: 870 783 988 267	Inmarsat-C Tlx	: 457400619
Inmarsat- Thrane & Thrane Tel No	: 870 773 212 182	E-mail ID	: pvthera@gtships.com	Hull No	: 1338
Builder	: SUMITOMO HEAVY INDUSTRIES MARINE & ENGG	Type of Ship	: DBL HULL OIL TANKER		
Date Keel laid	: 20-Nov-07	Date launched	: 27-Mar-08	Date Delivered	: 10-Jun-08
Class	: Nippon Kaiji Kyokai	Class Notation	: NS, MNS(Tanker, Oils-Flash Point on or below 60degree C)(ESP) (IWS)(PSCM), CHG, MPP, LSA, RFC, M0, AFS, BWM		
P N I Club	: Guar P & I Club				
Owner	: PetroVietnam Transportation Corporation (PV Trans); 2nd Floor, PVFCCo Tower, 43 Mac Dinh Chi, District 1, Ho Chi Minh City, Viet Nam : Nam Tel: (+84-8) 39 111 301; Fax: (+84-8) 39 111 300 ; Email: operations@pvtrans.com				
Technical Operators	: PVTrans Ships Management ; M Floor, PVFCCo Tower, 43 Mac Dinh Chi, District 1, Ho Chi Minh City, Viet Nam Fax: + 84 8 3822 8566; Tel: + 84 8 3822 8339; Email: psm.group@pvtrans.com				
Commercial Operators / Charterer	: PACIFIC PETROLEUM TRANSPORT JSC; 3RD FL-PVFCCO BUILDING,43-MAC DINH CHI ST-DIST 1-HCMC, VIETNAM Tel: +84 8 3 822 8546; Fax: +84 8 3 822 8545; Email: ops.pacific@pvtrans.com				

Tonnage

GRT	: 55,898	Suez Canal GRT	: 57,967.41	APPLICABLE LOADLINE NO	1	MAX SDWT 105387 MT
NRT	: 29,810	Suez Canal NRT	: 53,603.01			Draft 14.78 MAX mtrs

Load Line Information (for MAX SDWT)

	Freeboard (m)	Draft	Deadweight(mt)	Displacement (mt)
Summer	6.738 mtrs 22 Ft 1 in	14.780 m 48 Ft 6 in	105,387	121,449
Winter	7.046 mtrs 23 Ft 1 in	14.472 m 47 Ft 6 in	102,644	118,706
Tropical	6.430 mtrs 21 Ft 1 in	15.088 m 49 Ft 6 in	108,130	124,192
Lightship	19.296 mtrs 63 Ft 3 in	2.222 m 7 Ft 3 in	NIL	16,062
Normal Ballast Cond	14.856 mtrs 48 Ft 9 in	6.662 m 21 Ft 10 in	35,207	51,269
Light Ballast Cond	14.856 mtrs 48 Ft 9 in	6.662 m 21 Ft 10 in	35,207	51,269

Multiple Loadlines(5 no: (1) 105,387MT 14.780mtr (2) 99,998MT 14.175mtr (3) 89,954MT 13.048 mtr (4) 84,990MT 12.490 mtr (5) 79,991MT 11.926mtr

Fresh Water Allowance	: 341MM	Draft Forward normal ballast Cond	: 6.00 mtr 19 Ft 8 in
TPC at Summer Draft	: 88.98	Draft Aft normal ballast Cond	: 8.00 mtr 26 Ft 3 in
Maximum DeadWeight	: 105387	Maxm ht of Mast (Air draft) in Normal SBT Cond	: 40.1 m 131 Ft 7 in

Dimensions

LOA	: 228.6 m 749 Ft 10 in	LBP	: 217.8 m 714 Ft 5 in	Moulded Breadth	: 42.00 m 137 Ft 9 in
Extreme Breadth	: 42.037 m 137 Ft 11 in	Moulded depth	: 21.518 m 70 Ft 7 in	Ht. Keel to Mast	: 47.76 m 156 Ft 8 in
Dist Bow to Bridge	: 194.55 m 638 Ft 1 in	Parallel Body Normal ballast	: 135.72 m 445 Ft 2 in		
Bridge front to mid pt of manifold	: 80.05 m 262 Ft 7 in	Ford to manifold (N.ballast)	: 72.95 m 239 Ft 3 in		
Bow to mid pt of Manifold	: 116.56 m 382 Ft 4 in	Aft to manifold (N.ballast)	: 62.77 m 205 Ft 11 in		
Stern to mid pt of Manifold	: 112.04 m 367 Ft 6 in	Parallel Body t (SDWT)	: 149.6 m 490 Ft 8 in		
Light Ship Parallel Body length	: 101.99 m 334 Ft 6 in	Ford to manifold (SDWT)	: 72.95 m 239 Ft 3 in		
Lt Ship Bow to mid pt manifold	: 56.95 m 186 Ft 10 in	Aft to manifold (SDWT)	: 76.65 m 251 Ft 5 in		
Lt Ship Stern to mid pt manifold	: 45.04 m 147 Ft 9 in	Propeller Immersion	: 7.8 m 25 Ft 7 in		

SBM Operation

Bow Chock Fairlead	: 200 T
Bow Stopper	: TONGUE TYPE - 200T
Anchors	: STOCKLESS, PORT-12 SHACKLE, STBD- 13 SHACKLE
Cargo Crane SWL	: 15 T
Crane's maximum outreach	: 4m out of ships railing Measured from GA plan

Engine particulars

Main Engine Type	: MITSUI-MAN B & W 6560 ME-E
(Max Cont Op) MCR	: 12350 KW X 97 RPM 16803 BHP
(Normal Cont Op) NCR	: 11120 KW X 93.7 RPM 15129 BHP
Service Speed	: 14.8 KNTS
Propeller	: 1 X 5 BLADED, AEROFOIL SECTION, SOLID KEYLESS TYPE, PITCH : 5179.7MM

Capacities

Cargo capacity:		Bunker & FW Capacity:			
Grp 1(RED)=3W & SLP(S) / Grp 2 (YELLOW)=2W & 5W / Grp 3 (GREEN)=1W & 4		Fuel Oil : 85% Full	1950 MTs	HFO A Stbd	660 MTs 85% Full
Capacity (98%) :	35356.1 M3 222382.798 Bbls	Diesel Oil : 85% Full	161 MTs	HFO A Port	340 MTs 85% Full
GRP1		Fresh Water Total	: 305.7 MT	HFO F Stbd	500 MTs 85% Full
GRP2	40492.8 M3 254691.613 Bbls	Drink Water	: 199.6 MT	HFO F Port	450 MTs 85% Full
GRP3	37948.5 M3 238688.475 Bbls	Dist. Water	: 106.1 MT	Diesel Oil Port	161 MTs 85% Full
Total Capacity(98%) =	113797.4 M3 715762.887 Bbls				
Cargo Pump capacity:		Ballast capacity / Cargo Venting Capacity:			
Cargo Oil Pumps	: 2500M3/HR X 3 Vertical Centrifugal, Steam Turbine	SBT (100 %)	: 37201.7 (35%of SDWT)		
Stripping pump	: 150 M3/HR Steam reciprocating	Water Ballast Pump	: 2000 M3/HR x 2 ,Vertical Centrifugal, Electrical		
Cargo Eductors	: 300 M3/HR	Ballast Eductors	: 150 M3/HR		
COW Pump	: Not Available Vertical Centrifugal, Steam Turbine	Maxm Venting Capacity	: 13125 M3/HR		
Tank Cleaning Machines	: 100m ³ /hr x 55 Deck mount Single nozzle	Maxm Loading rate homogenous Cargo	: 10500 M3/HR		