

### General Information

Owners	Smart Energy Logistics AS
Year Built	2004
Shipyard	Samsung Heavy Industries Co. Ltd
Flag	Liberia
Class/Notation	Bureau Veritas +HULL, +MACH, Oil tanker, ESP, Unrestricted navigation, CPS(WBT), +VeriSTAR -HULL, +AUT-UMS, +AUT-CCS, +SYS-NEQ-1, MON-SHAFT, GREEN PASSPORT, INWATERSURVEY, ETA, LI-HG-S3
Vessel Type	Oil Tanker (double hull)
IMO/LR No.	9258894
Call Sign	D5UJ5
Official No.	19406
Telephone	VSat: +47 2367 0362 /-63/ -64/-65 FBB: +870773936903
E-mail	pallas-orust@jacob-vessel.com

### Dimensions

Summer Deadweight	114,809 mt
Light Ship Weight	19,774 mt
Length o.a.	251,60 m
Length b.p.	239,00 m
Breadth moulded	43,80 m
Depth moulded	21,30 m
TPC	99,80 mt
Tonnage	34,210 NT / 63,661 GT

### Propulsion and Aux Machines

Main Engine	Hyundai MAN B & W /7S60MC-C Mk7 15,820 kW x 105 RPM
Propeller	4 blade,FPP, solid, dia 7.450 m
Aux Engine	3 x STX MAN B & W / 6L 23/30H; 960 kw
Boilers	2 x ALFA LAVAL / Mission OL Model 25000

### Capacity of Bunkers / Fresh Water

Bunker Capacity	Fuel Oil: 3.610,70 m <sup>3</sup>
98 %	Diesel: 157,10 m <sup>3</sup>
Fresh water Capacity	505,6 m <sup>3</sup>
100 %	

### Cargo and Ballast System

No. of Cargo Tank	12
Slop Tanks	2
Coating	Cargo tanks Bottom and 300mm Up sides. Tank deckheads and down to a level of 2000mm from the deckhead. Slops Fully epoxy coated. Ballast tanks Fully epoxy coated.
No. of segregations	3
Total cubic capacity at 98% (incl. Slops)	124,982.80 m <sup>3</sup>
No. of Cargo Pumps	3
Type of Cargo Pumps	Centrifugal
Discharge Capacity	2800 m <sup>3</sup> /hr
Vessel equipped with	IGS / SBT / COW
No. of SBTs	15
Capacity of SBT	45,945.70 m <sup>3</sup> at 40 %
Ballast Pumps	2 x 1,500 m <sup>3</sup> /hr
Type of Ballast Pumps	Centrifugal
Cargo Hoses	1 x 15 Tons SWL
Cranes	3 x 400/300mm (16/12")
Cargo Manifolds	3 x 400/250mm (16/10") 2 x 400/200mm (16/8") ANSI 150 PS
Cargo Heating	Steam, coils of stainless steel, max temp 57.22°C

### Mooring Arrangement

<i>Mooring Winches</i>	
Forecastle	3 (double drums), brake capacity: 49.40 MT
Main Deck Forward	1 (double drum), brake capacity: 49.40 MT
Main Deck Aft	1 (double drum), brake capacity: 49.40 MT
Poop Deck	3 (double drum), brake capacity: 49.40MT
<i>Mooring Wires</i>	
Forward	6 x 250 mtr, dia 36 mm
Aft	6 x 250 mtr, dia 36 mm (82.30 t)
<i>Bow Stoppers</i>	
	2 pcs, SWL 250 MT, 76mm ø
<i>Chocks</i>	
	2 pcs, 600 x 450 mm each
<i>Emergency towing</i>	
	Chafe chain and Bridon