



FPSO PTSC LAM SON

BLOCK 1-2/97, VIETNAM

DNV classified external turret double hull FPSO with 600,000 barrels of crude oil storage capacity.

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VESSEL GENERAL INFORMATION

Flag State	: Singapore
Port of Registry	: Singapore
Built	: Samsung Heavy Industries 1994
Converted FPSO	: Keppel Shipyard 2014
Design Life	: 15 years
Hull	: Double Hull
Classification	: DNV 1A1 Ship-Shaped Oil
Joint Venture	: PTSC

MAIN DIMENSIONS

L.O.A.	: 243 m
Breadth	: 41.8 m
Depth Moulded	: 20 m
Summer Draught	: 13.6 m
Deadweight	: 108,903 MT

POWER SYSTEMS

Main Electrical Generators (3 x 50% Gas Turbine)	: 3 x 7.7 MW
Auxiliary Generators (3 x 50% Diesel Driven)	: 3 x 0.7 MW
Emergency Generator (1 x 100% Diesel Driven)	: 0.6 MW

PRODUCTION FACILITY CAPACITIES

Oil	: 18,000 BOPD
Liquid	: 28,000 BLPD
Water Injection	: 15,000 BWPD
Gas Compression	: 47 MMSCFD

CARGO/OFFLOADING SYSTEM

Crude Oil Storage Capacity	: 600,000 bbl
Cargo Tanks	: 7 off
Crude Oil Offloading System	: Stern tandem offloading system
Crude Oil Offloading Capacity	: 300,000 bbl/17 h
Oil Export Metering	: Fiscal metering with turbine flow meters and prover loop

MOORING SYSTEM

External turret designed for $H_s = 10$ m
1 x 12" Production Riser | 1 x 10" Production Riser
1 x 6" Gas Lift Riser | 1 x 6" Gas Export Riser
1 x 8" Water Injection Riser | 1 Umbilical Line

HELIDECK

Super Puma AS332L2 Helideck



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