

Dynamic Producer (conversion)

Ship type	FPSO
Shipowner	Petroserv S.A.
Shipyard	Sembawang Shipyard Pte Ltd.



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Main Dimensions

Dwt	111,567 t
GT	73,641
Capacity	620,000 bbl
LOA	257 m
Beam	46 m
Draught	16.022 m

Project type	Ship status	Design scope	Delivery year
Conversion/Retrofit	Delivered	Basic, Detail	2008

Scope of Work for the Shipowner

The commission included basic design of the entire ship, inclusive of deck modules, flare stack and drill floor substructure, and detail design.

- Basic design including naval architecture, structural design, FEA, hull outfitting, accommodation, safety, mechanical systems, P&IDs (marine, utility, safety and drilling systems), HVAC, electrical systems, instrumentation, telecom and procurement assistance
- Detail design including the creation of a TRIBON 3D model of the entire ship (excluding the process module). The model included all main equipment, piping, ducting, cable trays, stairs, ladders, railings and equipment foundations as well as workshop drawings, MTOs (Material Take-Offs) and cable routing for electrical, instrumentation and telecom systems.

Project Features

- Extended Well Testing Unit (PIPA II) conversion with a storage capacity of 620,000 bbl
- Class notation after conversion: DNV +1A1 ship-shaped oil production, storage, and drilling unit DYNPOS-AUTR-EO-HELDK
- The work was completed in 2008

Additional Information

IMO number 8500616