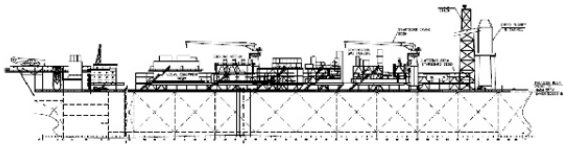


Nexus Crux (conversion)

Ship type	FPSO
Shipowner	Viking Field Development solutions Pte. Ltd.
Shipyard	Sembawang Shipyard Pte Ltd.



Main Dimensions

Dwt	115,000 t
GT	80,000
Capacity	635,000 bbl
LOA	273.76 m
Beam	43.9 m
Draught	17.9 m

Project type	Ship status	Design scope	Delivery year
Conversion	Delivered	Concept	2008

Scope of Work for the Shipowner

Pre-feed of FPSO conversion, including

- General arrangement
- Main marine system schemes
- Main structural changes
- Conversion specification
- Engineering support at the client's Singapore office

Project Features

- The vessel was designed to separate condensate from wet gas. The gas will be injected back into the well after separation, and part of it will be used to power a gas turbine power plant.
- Large-volume compressor trains are required for high-pressure compression needed for reinjection into the reservoir
- Turret mooring allows the vessel to weathervane according to the prevailing wind direction
- Offloading is performed via a floating hose at the stern

Additional Information

Special features	FPSO conversion
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