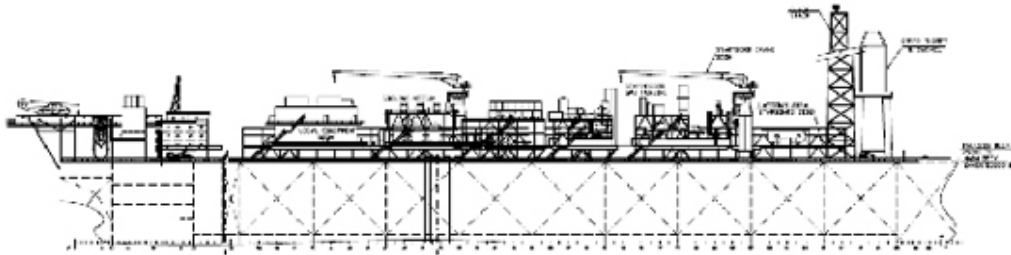


Nexus Crux (conversion)

Ship type FPSO	Ship owner Viking Field Development solutions Pte. Ltd.	Shipyard Sembawang Shipyard Pte Ltd.	Project type Conversion/Retrofit
Ship status Delivered	Design scope Concept	Delivery year 2008	



Commission for the Ship Owner

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

Main dimensions

Dwt	115 000
GT	80 000
Capacity	635,000 bbl
LoA	273,76
Beam	43,9
Draught	17,9

Additional Information

Special features	FPSO conversion
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