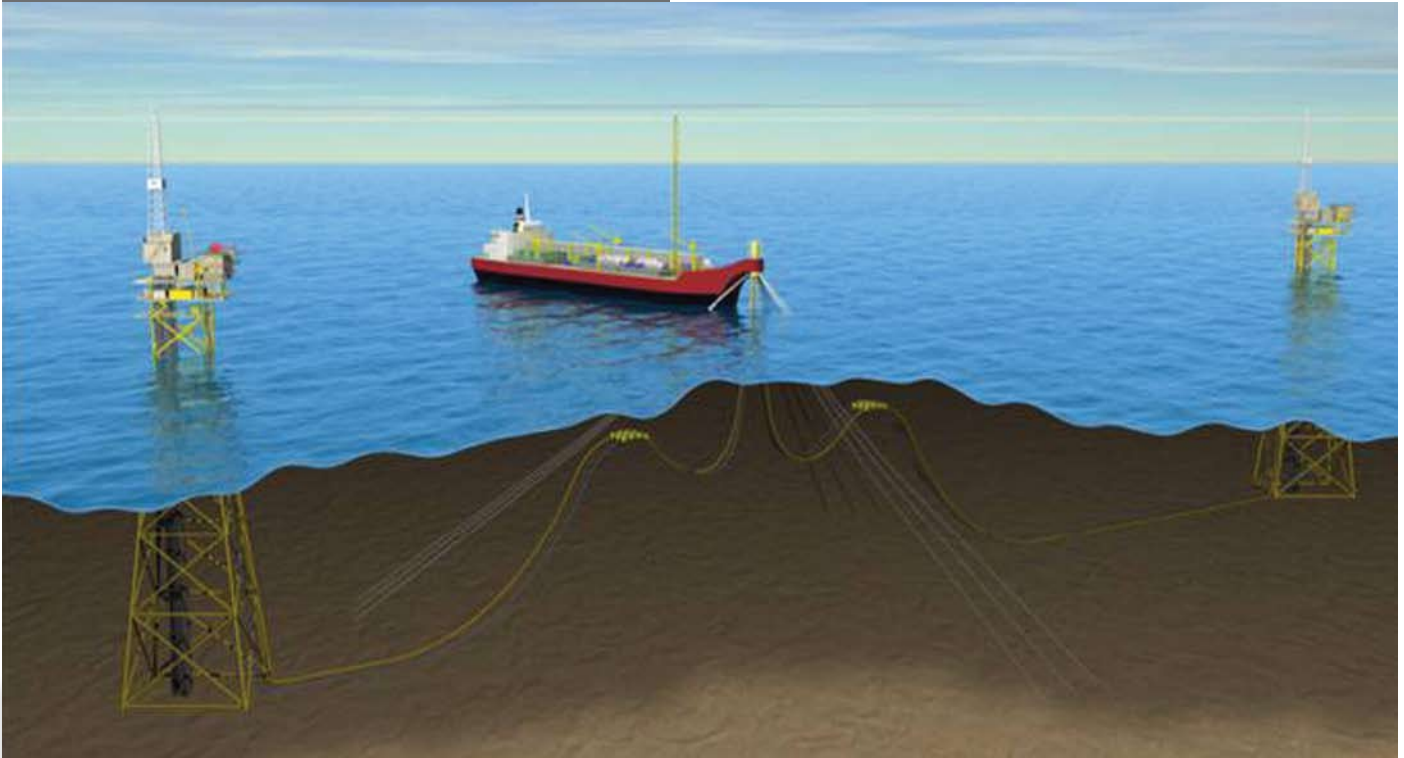


Peregrino

PROJECT OVERVIEW

Peregrino Field Schematic



Engineering, procurement, fabrication and installation of six steel pipelines and the installation of flexible risers for the development of StatoilHydro Peregrino field in the Campos Basin offshore Brazil.

Project includes the following elements:

- 6 thermally insulated steel pipelines (29 km)
- 12 flexible risers (4.5 km)
- 4 power/signal umbilicals (24 km)
- 2 midwater arches for umbilicals

LOCATION

The Peregrino Field is located in the Southwest part of Campos Basin, some 86 km (54 miles) offshore Brazil. The water depth varies between 97 and 124 m.

CLIENT

StatoilHydro

PROJECT DURATION

Awarded	May 2007
Rigid pipeline installation	March 2009
Flexibles and power cables installation	Sept 2009
Riser and power cables pull-in	January 2010
Engineering (close-out)	March 2010

ASSETS

Vessels	Seven Oceans, Normand Seven, Amazonia, Ubu Spoolbase
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SCOPE OF WORK

The Peregrino field will initially consist of two new wellhead platforms with self contained drilling units, a Floating Production Storage and Offloading Unit (FPSO), infield pipelines, and power/communication cables. A third platform may be added in the future.



Seven Oceans during spooling operations at Ubu Spoolbase, Brazil

A system of pipelines and power cables connects the platforms to the FPSO. Oil from the wells will flow from the platforms to the FPSO for processing and produced water will be pumped from the FPSO to the platforms for re-injection.

Subsea 7's scope of work consists of the engineering, procurement, construction and Installation (EPIC) of rigid production and water injection pipelines to between the FPSO and the "A" and "B" wellhead platforms, the transportation and installation of flexible risers at the pipeline ends and power/signal umbilicals between the FPSO and wellhead platforms and the delivery of subsea arches to support the power cables.

- engineering, procurement, construction and installation of six (6) rigid, thermally insulated pipelines, 29 km total
- engineering, procurement, construction and installation of two (2) mid-water arches for power cables
- transportation and installation of twelve (12) client supplied flexible risers, totaling approx. 4.0 km
- transportation and installation of four (4) client supplied power/signal umbilicals, totalling approx. 24 km
- precommissioning of rigid pipelines, flexible risers and umbilicals

All pipelines are thermally insulated. The risers to the FPSO are flexible pipes in a "lazy wave" configuration. The risers at the platforms are also planned as flexible pipes, pulled through pre-installed I-tubes.

There are four power cables, two from from the FPSO to platform A and two from the FPSO to platform B. The dynamic section of the cables from the FPSO will need mid-water support and will have a "lazy S" configuration. At the platform ends, the cables will be pulled up through pre-installed J-tubes.



The Normand Seven Pipelay Vessel will support the Offshore Campaign