

# Gjøa

Operator:

**Gas de France**

Client:

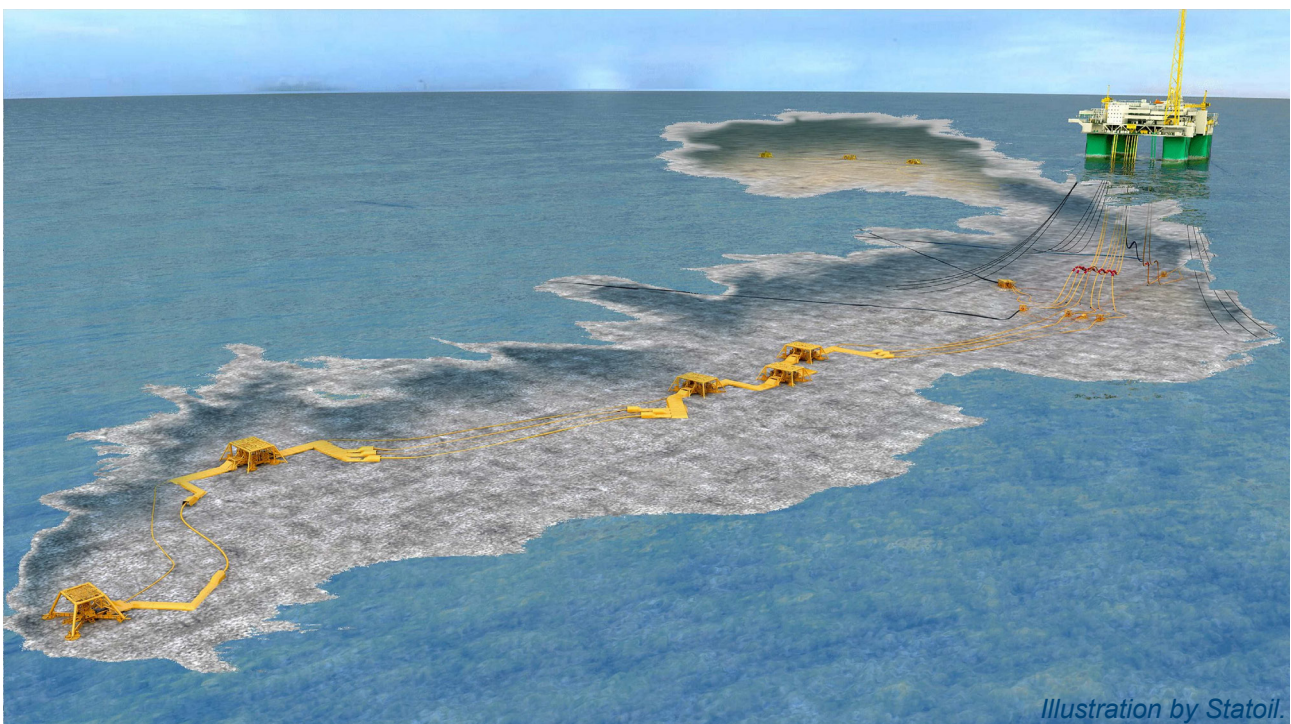
**StatoilHydro**  
N-4035 Stavanger  
Norway

In October 2007 StatoilHydro awarded NKT a contract for delivery of two 2 x 14" ID production risers, 1 x 15.16" ID oil export riser, 2 x 16" ID gas export risers and one 1 x 14" ID spare riser, all rough bore, for use on the Gjøa field in the North Sea.

NKT Scope of supply:

<i>Field</i>	<i>Type</i>	<i>Application</i>	<i>Length (m)</i>	<i>Design Pressure</i>	<i>Design Temperature</i>
Gjøa	14" ID Riser	Production	1 x 760	250 bar	85° C
Gjøa	14" ID Riser	Production	1 x 763	250 bar	85° C
Gjøa	14" ID Riser	Production	1 x 802	250 bar	85° C
Gjøa	14" ID Riser	Production	1 x 775	250 bar	65° C
Gjøa	15" ID Riser	Oil Export	1 x 752	221 bar	85° C
Gjøa	16" ID Riser	Gas Export	1 x 744	172 bar	80° C
Gjøa	16" ID Riser	Gas Export	1 x 750	172 bar	80° C

The Gjøa field is located approx. 60 km north-east of the Troll C platform in blocks 35/9 and 36/7. The field lies in water depths ranging from 360m to 380m. The Gjøa field will be developed with subsea wells tied back to a new built semi submersible production unit, Gjøa SEMI. Also the Vega field will be tied back to the Gjøa SEMI. The SEMI will be equipped with a riser balcony with 16 slots for riser hang off at the east side of the main gate.



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*Gjøa risers and ancillary components leaving Kalundborg.*

The scope also included all ancillary components for the risers such as bend stiffeners, buoyancy modules and bends restrictors as well as anchor clamps and hold back suction anchors complete with tether systems. Furthermore an extensive scope for fire protection of the six risers above and below the semi platform deck has been complied with.

During two load-out campaigns from our factory in Kalundborg, NKT delivered in July and August 2009 the six Gjøa risers including ancillary components. The anchors and the risers have subsequently been installed by Acergy's "Polar Queen" in wet-stored condition, ready for hook-up and tie-in during summer 2010 when the Gjøa semi platform is scheduled to start production.

The spare riser that can be inserted as spare in each of the six riser slots was delivered to Statoil 2<sup>nd</sup> October 2009 on a specially designed reel and shipped to the storage facility in Norway.

*NKT Flexibles I/S is an independent company owned 51% by NKT Holding and 49% by Acergy. The company is responsible for manufacture and supply of flexible pipe systems for the offshore oil & gas industry as well as the chemical and water industry.*