



# Offloading hose termination piece



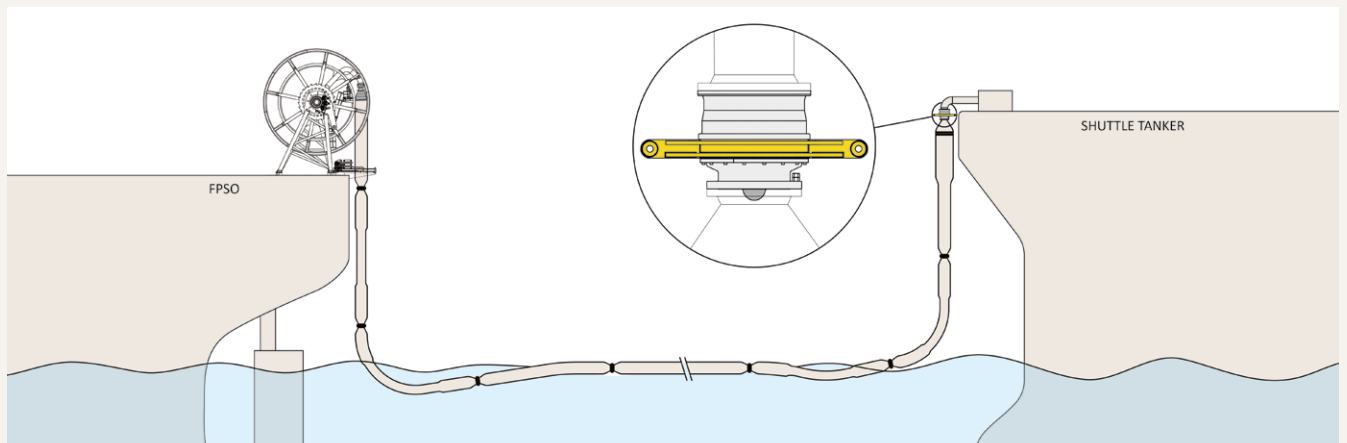
The offloading hose termination piece (OHTP) is a hose end valve that prevents oil leakage, and is an essential part of the offloading system on a floating production, storage and offloading (FPSO) vessel.

When in storage, the OHTP forms the end of the hose string on the hose reel aboard the FPSO. During an operation, the OHTP is connected to a coupling onboard the shuttle tanker.

With a DNV-GL design approval, the OHTP is a high quality product that meets strict safety requirements. The OHTP is completed by covers with hydraulic jacks for flushing and maintenance.

## Key features

- DNV-GL design approval on OHTP, flushing cover and lifting bridle
- all components replaceable
- controlled and hydraulically dampened shut-off
- 1 million barrels per 24 hour flow capacity
- one piece body made out of close to shape forging
- 20" 300# fail safe quick connect valve for FPSO offloading delivered with DNV-GL and ABS certificates (other sizes possible)
- covers for flushing and maintenance
- free rotating lifting yokes
- suited for crude oil and seawater.



**The technology innovator.**

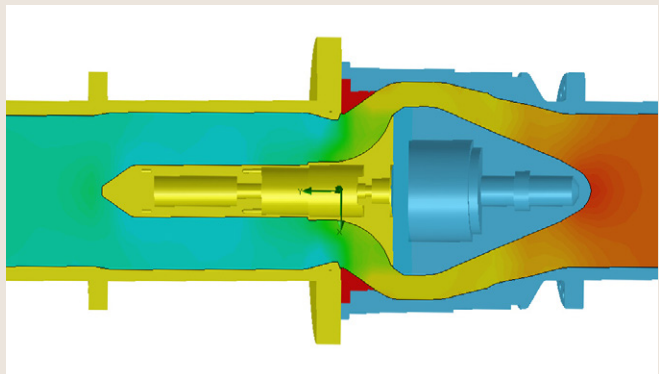
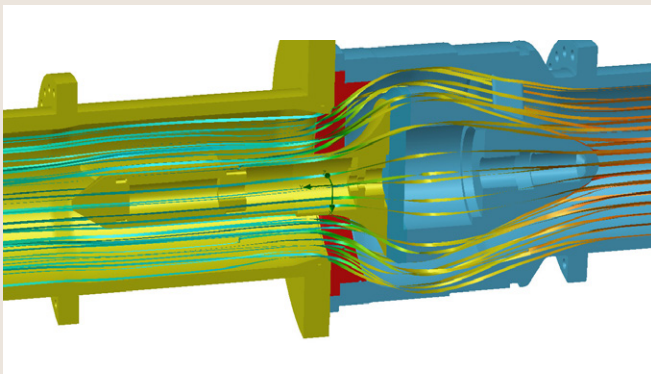
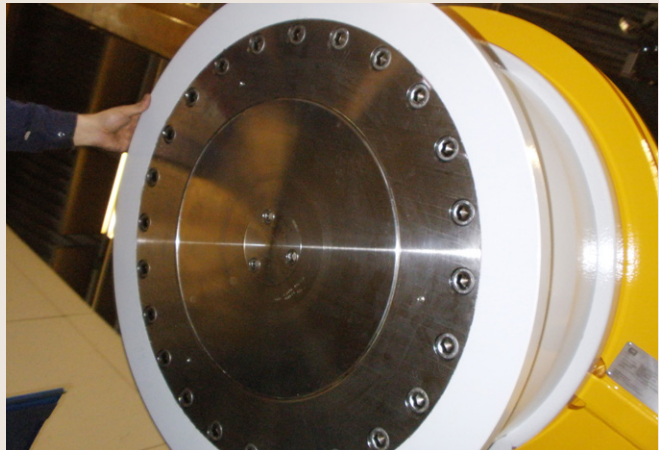


## Offloading hose termination piece

**General**  
Design pressure 2100 KN / m<sup>2</sup>  
Flow capacity 1 MMbbls / 24hrs

**Construction**  
Ends inlet integrally flanged (ASME B16.5), RF / smooth finish,  
outlet integrally front connection flange  
Class 300 LBS  
Gasket "O" ring  
Disc renewable, plug type with soft parts  
Operating spring mechanism eq. with damper system

**Pressure testing**  
Acc. API 598 Table 6 (Sept 2009)  
24 hours test



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