

SUCTION PILE TECHNOLOGY



Suction Piles for Pipelay Startup



SPT Offshore



Suction Piles for Pipelay Startup

Product characteristics

- Several suction piles with capacities up to 275 mT readily available for rental
- Suction pile installation to maximum of 3,000 m water depth
- Suction pump lift capacity up to 200 mT

Benefits of SPT Offshore suction pumps and piles

- **High capacity suction pumps**, reducing the critical installation time up to a factor of **5** compared to traditional installation methods. Suction pile installation with SPT Offshore pumps can be done within **30 minutes**
- The SAPS-003 pump has an **integrated lifting and upending frame** minimizing offshore handling
- No venting required, thus **reducing fabrication costs** of the suction pile
- **XY inclinometers** integrated in the suction pump spread
- **Engineering and installation by one party**, hence SPT Offshore takes over installation and in-situ **responsibility**

SPT Offshore track record for pipelay startup

If you're looking at a quick, efficient and low cost temporary anchoring point for pipeline initiation, SPT Offshore's suction pumps and suction piles are the solution.

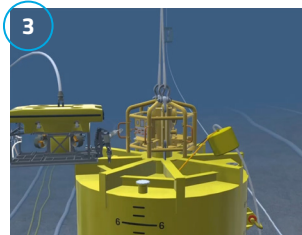
Transportation and installation



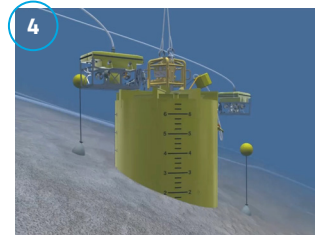
Install and lock suction pump on suction pile



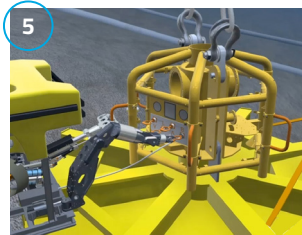
Lift and lower suction pile using integrated suction pump lift frame



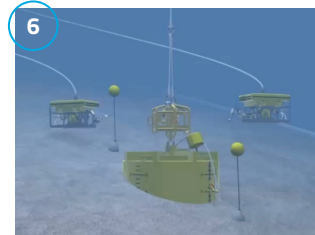
Position and orientate using the ROV



Lower to self weight penetration and close vent valve



Suction operation to target penetration



Unlock and release suction pump



PEMEX Line 1 and 3



Chevron Frade



Statoil Asgard