

SUCTION PILE TECHNOLOGY



Suction Piles for Jacket Foundations



SPT Offshore



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If you're looking for significant cost reductions in the fabrication and offshore installation of a jacket, founding this jacket on SPT Offshore's suction piles is the solution.

Product characteristics

- Traditional jacket with integrated suction pile foundation
- No limits in topsides weight
- Water depth up to 120 meter

Benefits of suction piles for jacket foundations

- **Proven** technology with numerous suction pile founded platforms installed worldwide
- Very swift offshore **installation** a couple of **hours** for **suction operation** compared to **several days** pile driving
- **Fabrication costs are reduced significantly**, since no pile sleeves, -catchers, -centralizers, mud mats and leveling padeyes are required
- **No** pile drive-, leveling- and grout **spread and operation** required
- **Noise free** installation
- **Easy decommissioning** by reversed installation
- If buoyancy tanks are applied, **no heavy lift vessel** is required for installation
- Platform **can be relocated**, spreading CAPEX
- **Engineering and installation by one party**, hence SPT Offshore takes over installation and in-situ **responsibility**
- **Integrated scour protection system**, hence no seabed preparations or rock dumping

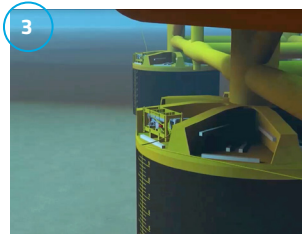
Transportation and installation



Wet or dry tow to field



Ballast or lift to seabed and install suction pumps



Install suction piles



Install topsides by floatover or lift

SPT Offshore track record for jacket foundations



Statoil Dudgeon Substation



Allseas Pioneering Spirit Test Frame



Chevron North Nemba

