



Suction Piles for
Jacket Foundations

SPT Offshore



Suction Piles for Jacket Foundations

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.

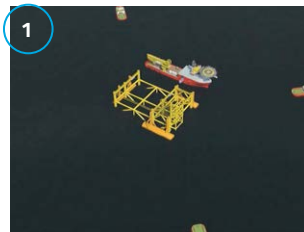
Product characteristics

- 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

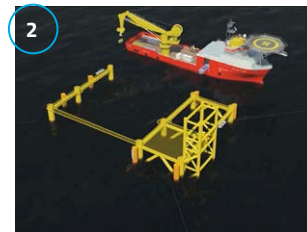
- **Proven** technology with numerous suction pile founded platforms installed worldwide
- Very swift offshore **installation** a couple of **hours for suction operation** compared to **several days pile driving**
- **Fabrication costs are reduced significantly**, since no pile sleeves, -catchers, -centralizers, 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



1

Wet or dry tow to field



2

Ballast or lift to seabed and install suction pumps



3

Install suction piles



4

Install topsides by floatover or lift

SPT Offshore track record for jacket foundations



Statoil Dudgeon Substation



Allseas Pioneering Spirit Test Frame



Chevron North Nemba

