

SUCTION ANCHOR SOLUTIONS

SubseaDesign provides full service within suction anchor design, fabrication and testing.

- ✓ Geotechnical calculations
- ✓ Structural calculations / analysis
- ✓ Cathodic protection design
- ✓ Lifting analysis and certifications
- ✓ Transportation and installation analysis.
- ✓ Fabrication and testing.

MOORING LINE SUPPORT FEATURES AND BENEFITS

- ✓ Optimized for the given soil condition
- ✓ Integrated suction hatch
- ✓ Cost effective fabrication sequence
- ✓ Short delivery time

INTERFACES

- ✓ Suction stab receptacle can be either on the hatch cover or anchor top plate
- ✓ Different soil condition suitable for suction anchor
- ✓ Installation and handling lifting point as required for transport and installation
- ✓ Interface with various mooring line connection
- ✓ Delivered with anodes
- ✓ Delivered with electrical strapping



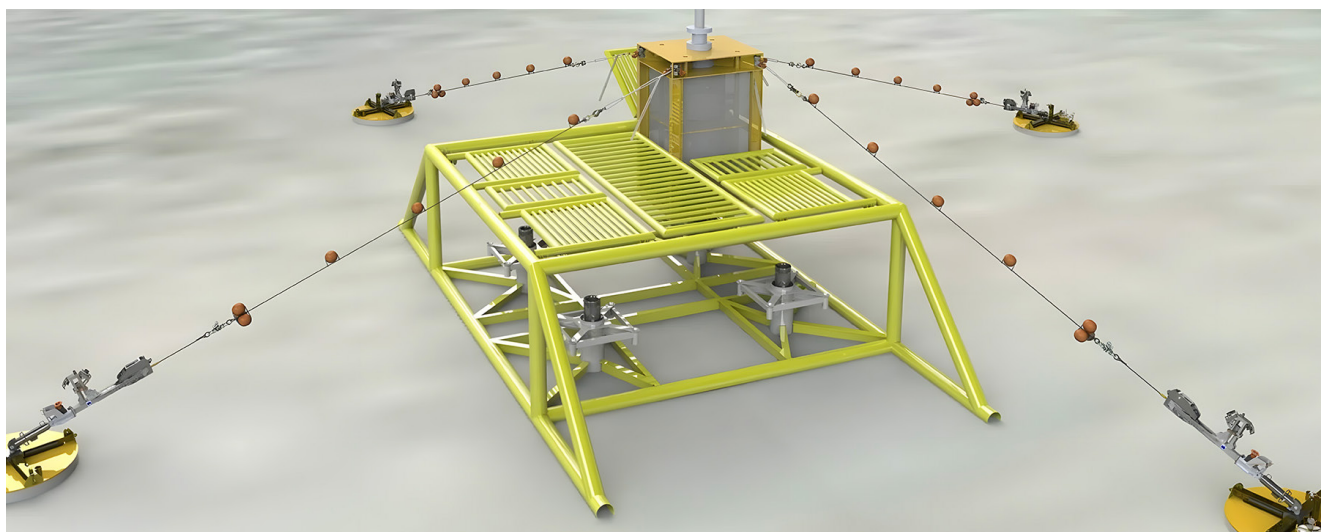
HOW IT WORKS

After the suction anchor has landed on seabed at location and self penetration stopped, the suction hatch is closed and suction is applied until the anchor reaches target depth.



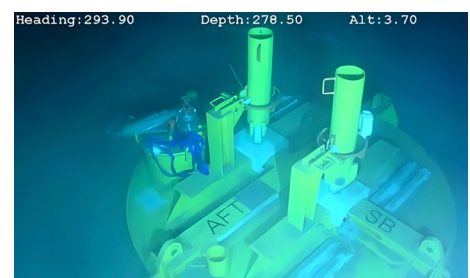
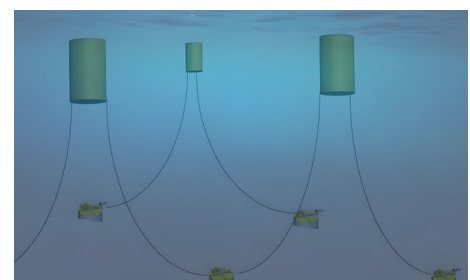
Application

Mooring lines support for BOP during drilling



TECHNICAL DATA

Design code	ISO 13628 DNVGL-ST-E237 DNVGL-RP-C212 DNVGL-RP-E303 ISO 19901-4
Diameter	Largest delivered is 6 m
Length	Longest delivered is 12 m
Design suction pressure	Up to 20 bar
Design over pressure	Up to 20 bar
Max. water depth	No limitation
Lifetime	25 years
Coating on top section	Typical Norsok system 7, or as required



[visit product page](#)

Mooring lines support for offshore windmills / Seabed securement via suction anchors

