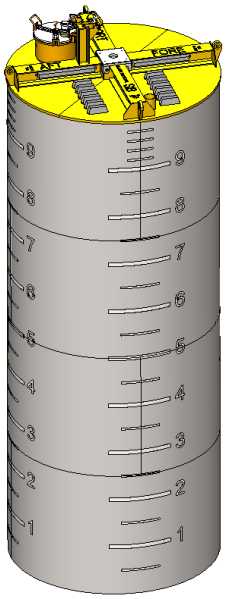
SUCTION ANCHORS
MOORING LINE SUPPORT

PRODUCT DATASHEET

SYSTEM, PRODUCT AND SERVICE PROVIDER



Mooring line support features and benefits:

- Optimized for given soil condition at locations
- Integrated suction hatch with suction stab
- Cost effective fabrication sequence
- Short delivery time
- Around 40 suction anchors delivered and installed (per Sept 2021)

Interfaces

- Suction hatch with integrated stab receptacle
- 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 to protect hatch for the service life
- Delivered with electrical strapping

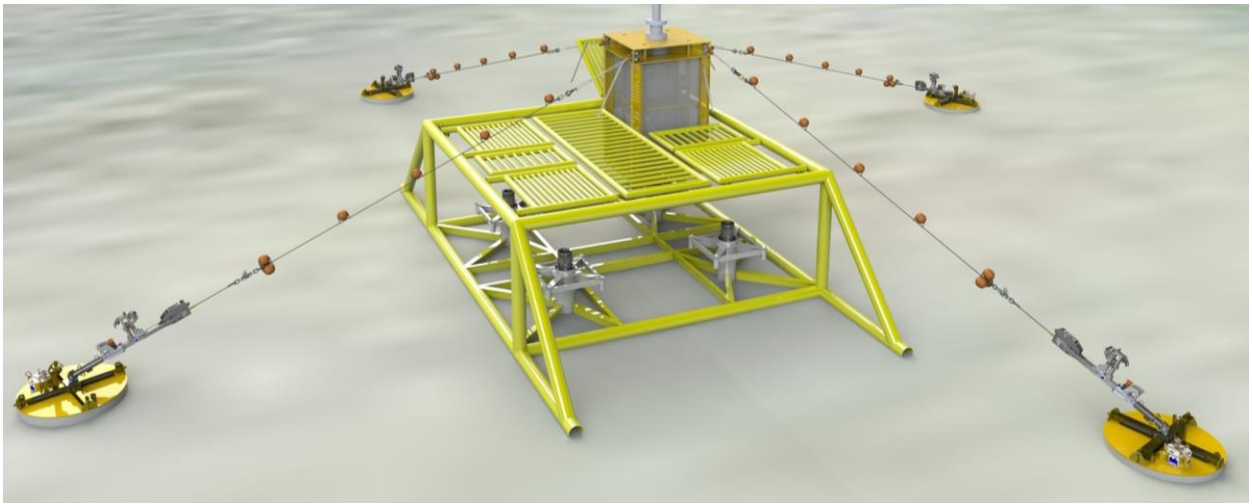
Technical data for suction hatch

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

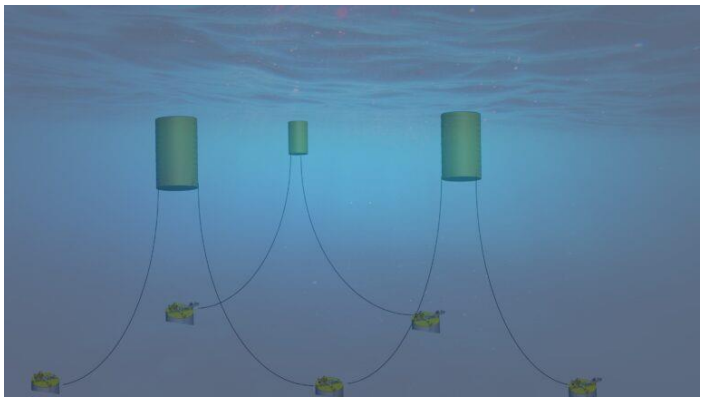
Load testing of lifting points

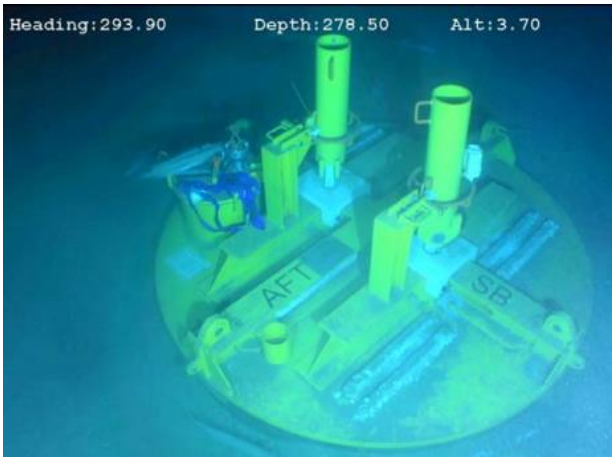
APPLICATION

Mooring lines support for BOP during drilling
Seabed securement via suction anchors.



Mooring lines support for offshore windmills
Seabed securement with suction anchors





HOW IT WORKS

After landed the suction anchor on seabed at location and self penetration stopped, the suction hatch is closed suction is applied until the anchor reached target depth. After a certain soil consolidation period, the anchor is ready to mooring line tensioning.