

The MOPUstor tank

Description

A steel subsea storage tank for crude oil. The storage principle is replacement of sea water by oil to enable a light low cost structure.

The storage is essentially a single compartment with one take-off point and one permanent open connection to the sea.

The optional integrated well caisson contains twelve well slots and all risers and J-tubes for operation of the tank and the production platform.

The tank is self-installing by means of three buoyancy tanks that, after installation, are part of the storage volume.

The foundation is on short skirts that are sucked into the sea bottom.

The tank can be transported on a self-propelled submersible heavy lift vessel and towed to the site for installation by sea water ballasting.

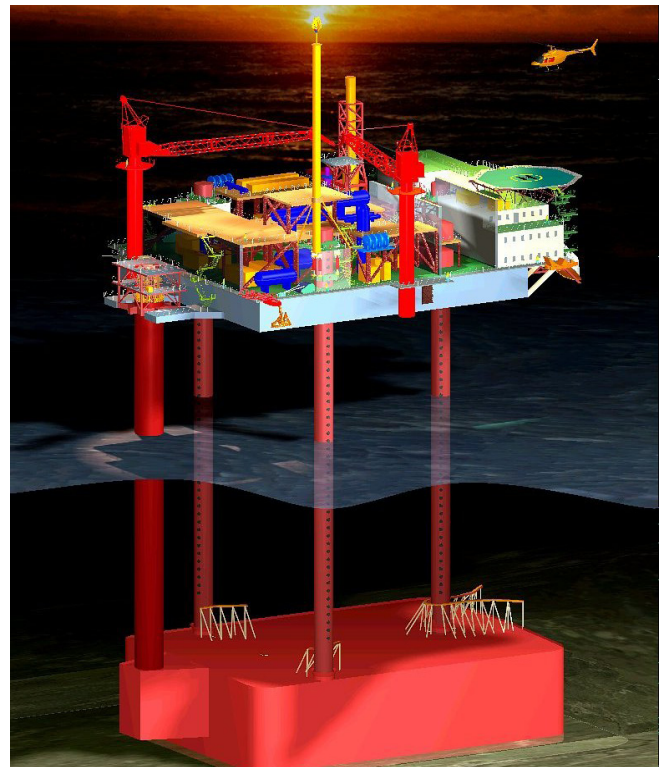
Before installation of the production jack-up that completes the MOPUstor platform, the tank/ caisson combination functions as a pre-drilling wellhead platform for a regular cantilever drilling jack-up.

The MOPUstor for Siri - Denmark

The first MOPUstor tank, owned by Statoil and built by Daewoo under contract to Kvaerner Oil & Gas, was delivered in 1998.

Dimensions tank

| | |
|----------------|--------|
| Overall length | 78 m |
| Tank length | 66 m |
| Width | 50 m |
| Height | 17.5 m |
| Skirt depth | 1.9 m |



Dimensions caisson

| | |
|---------------------|---------|
| Diameter | 5.25 m |
| Height (above roof) | 73.25 m |

Survival conditions

| | |
|-------------|---------|
| Water depth | 65 m |
| Wave height | 25.7 m |
| Current | 1.2 m/s |

Data presented in this product sheet is for information only and subject to change without notice.

Dry-tow of storage tank



Installation of storage tank



The Netherlands

Karel Doormanweg 66, 3115 JD, Schiedam
P.O. Box 687, 3100 AR Schiedam

Telephone +31 (0)10 232 0800
Telefax +31 (0)10 232 0801

www.GustoMSC.com