

OVERDICK



MOAB® AC Substation
for GLOBAL TECH 1 Wind Park
German North Sea

**OFFSHORE
ENGINEERING
KNOW-HOW**

Offshore Wind

Offshore Oil & Gas

Naval Architecture

Marine Operations

Salvage

Service Division

Welcome



Philosophy

At OVERDICK we are innovative and dynamic engineers. We are an international team, hungry for new challenges around the world. Our main strength is to find special purpose solutions that give our customers' projects the cost saving potential desired.

OVERDICK's focus is to apply modern engineering methods, to create practical and economical solutions to the complex challenges of our clients. This is possible with engineers who combine years of experience in design, fabrication and operations.

Overdick Design

Offshore Oil & Gas

Offshore Wind

Naval Architecture

Overdick Services

Marine Operations & Decommissioning

Salvage & Wreck Removal

Service Division

Offshore Wind



HVDC SYLWIN ALPHA
German North Sea

Offshore Wind

OVERDICK has experience in the design of various production, transport and installation assets for the exploitation of offshore wind energy, one of the biggest challenges in the years to come.

Design

- Concept
- Basic Design
- Detail Design
- Geotechnics
- Fabrication
- Follow-Up

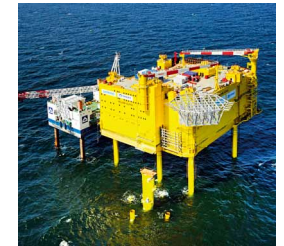
Type

- Jacket Substations
- Self-elevating Substations
- Self-elevating HVDC Platforms
- Foundation Structures
- Platform Extensions / Annex / Bridges

Reference Projects



MOAB® Borwin beta
German North Sea



MOAB® Helwin alpha
German North Sea



MOAB® AC Substation for GLOBAL TECH 1 Wind Park
German North Sea



Borkum West II Substation Platform
German North Sea

Offshore Oil & Gas

MOAB® SOUTH ANGI SA-A

Malaysia



Offshore Oil & Gas

OVERDICK is specialized in the planning and design of platforms for oil & gas fields “tailor-made” to project and client requirements. Our experience ranges from marginal field self-installing platforms to large processing and Living Quarter units.

Design

- Concept
- Basic Design
- Detail Design
- Geotechnics
- Fabrication
- Follow-Up

Type

- Jacket Platforms
- Gravity Base Platforms
- Self Elevating Platforms
- Mobile Production Units
- Platform Extensions / Annex / Bridges
- Storage

Reference Projects



SANAGA 01 gas MOPU

Cameroon



AKCAKOCA Gas Wellhead Platform

Black Sea



MOAB® Emeraude

West Africa



Bunga Raya - E Gas Treatment Platform

South China Sea

Naval Architecture

Heavy Lift Jack-Up Vessel INNOVATION



Naval Architecture

In the field of ship design, OVERDICK has specialized in the design of special-purpose vessels like Jack-Ups, DSVs, Tugs etc. Comprehensive naval architecture services are also offered from analysis to design, for new-builds and conversions alike.

Design

- Concept
- Basic Design
- Detail Design
- Class Approval Documentation
- Fabrication Follow-Up

Type

- Jack-up Units
- Special Purpose Vessels
- Barges
- Vessel Conversions

Reference Projects



NAVTUG 18



Jack-Up Barge THOR



DSV Bibby Sapphire Conversion



"Pit Stop" Jack-up



Multi-Role SAR Vessel

Marine Operations

WELLAND Platform Removal
British North Sea



Marine Operations

OVERDICK's platform designs are always developed with the focus on efficient and safe marine operations. The experience gained over the years and on previous projects is available to our clients for the engineering and management of their transport and installation projects.

What we can do:

- Transport & Installation
- Heavy-lift Engineering
- Installation Management
- Seafastening
- Moorings
- Load Outs
- Float Over
- Towage
- On-Site Services
- Procedures

Reference Projects



Schwedeneck See

Baltic Sea



Well Head Platform - Akcakoca

Black Sea



BR-E Linking Bridges

Malaysia



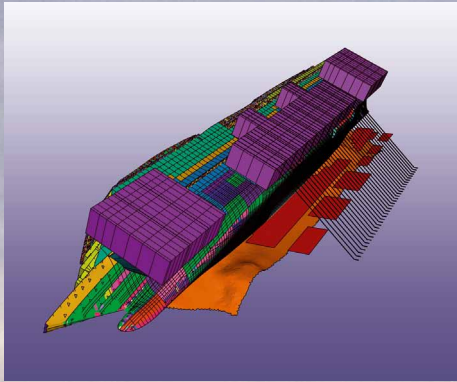
Mittelplate

North Sea

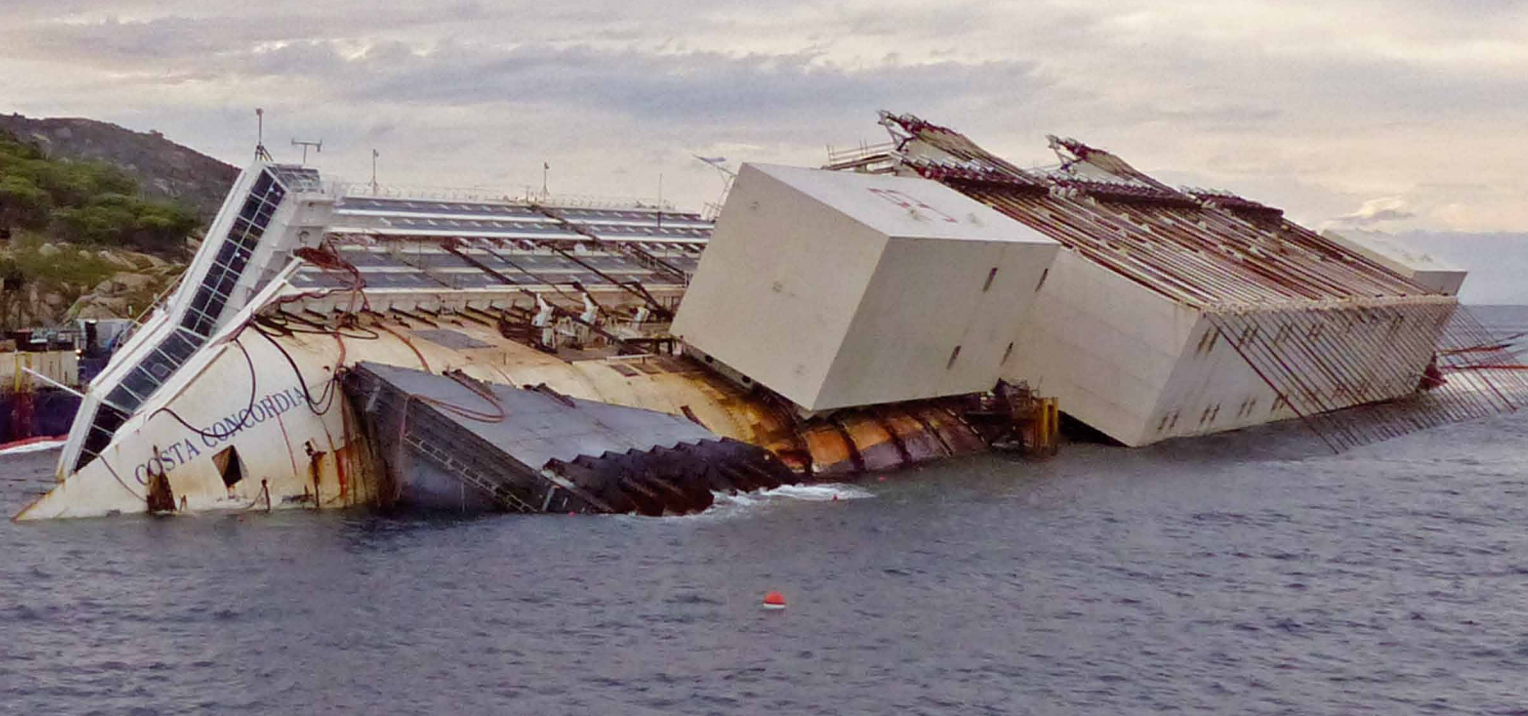
Salvage & Wreck Removal

COSTA CONCORDIA Wreck Removal

Giglio, Italy



3D Model Rendering



Salvage & Wreck Removal

OVERDICK's strong naval and structural skills and experience are very useful for engineering ways to refloat stranded ships or in removing wrecks from difficult positions.

What we can do:

- Concept Engineering
- Structural Calculation
- Hydrostatic Analysis
- On-Site Services

Reference Projects



M/V Fedra

Shore of Gibraltar



An Tai

Malaysia



Galapagos Explorer

Panama

Service Division

TRANSPORT CANTILEVER for Tripod Foundations

Service Division

OVERDICK know-how, analysis methods and tools are available to our clients also for detailed analysis or reviews of parts and components or as support of larger design efforts in co-operation with others.

What we can do:

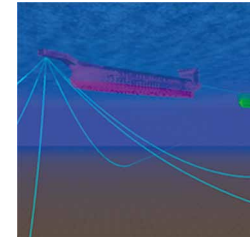
- Structural Assessments
- Fatigue Life Extension Calculations
- Floating Motion Analysis
- Mooring Analysis
- Inclining Tests
- Collisions and Collapse Analysis
- Scour Protection
- Pile Drivability Analysis
- Bollard Pull Analysis
- Specific Site Assessment
- Inplace Analysis
- Etc...



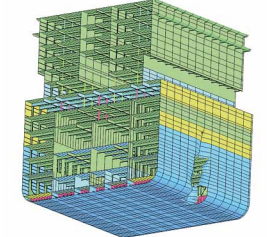
Motion Analysis



Tripod Handling Tools



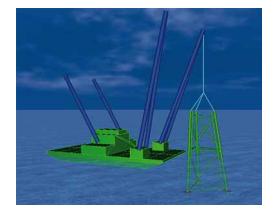
Mooring Analysis



Collision Analysis



BR-D Riser Guard



Lifting Analysis

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