

# Case Study: SylWin alpha

## 1.0 Facts

**Client:**

Dockwise

**Location:**

70 km west of the island of Sylt/Germany

**Category:**

QHSE Management

**Facts:**

The provision of QHSE Management and Management Support

**Duration:**

7 months

**Completion Date:**

November 2015

## 2.0 Introduction

The platform SylWin alpha has a capacity of 864 MW and is located 70 km west of the island of Sylt, it combines the energy generated from the three North Sea wind farms of DanTysk, Butendiek and Sandbank.

Measuring 83 x 56 x 26 meters (L x W x H) and weighing 25,000 tonnes (including sub-structures). SylWin alpha is the largest converter platform ever installed.

Due to its size and weight, the 'float-over method' was utilised in order to lift the platform from the barge onto the pre-installed jacket. SylWin alpha topsides were built by Nordic Yards, equipped by Siemens and installed onto the jacket by Dockwise (contracted by Seaway Heavy Lifting).

### 3.0 Summary

The provision of QHSE expertise in regard to project support.

### 4.0 Scope of Work

As embedded members of the Dockwise project management team Primo Marine provided QHSE expertise in regard to key assurance areas. Principally the provision of:

- Vessel assurance services, covering both the fitness-of-purpose and compliance of all vessel and units utilised on the project. These services ensured there were no project delays related to preparation and mobilisation activities.
- Regulatory compliance services, this covered both the development and maintaining of all the project compliance requirements related to law, regulatory bodies and the environment. This was extremely significant as it was the first scope of work for Dockwise in offshore Germany.
- Risk management services, including the provision of risk assessment workshops, including supervising a two day workshop for thirty persons.

### 5.0 Highlights

- No major project delays.
- Development of Regulatory compliance related to Dockwise's first scope of work in offshore Germany.
- Positive response from Project Leadership related to Risk Assessment Workshops.

### 6.0 Quotes

“We are very much satisfied with Primo Marine’s contribution to our project (SylWin alpha) and project support office department. This is based on the following:

- High level of the technical knowledge Primo Marine brings to the team.
- Primo Marine is a real team player; able to motivate, support and coach the other team members to maximize everyone’s capacity.
- Primo Marine’s ability comes up with simple/practical solutions for complex problems.
- Primo Marine’s independent thinking/working to bring the ‘standard’ to the next level; in almost all aspects worked on.”

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A/1 Very Likely	B/2 Likely	C/3 Possible	D/4 Unlikely	E/5 Very Unlikely
1				
		2		
				3