

PROJECT SHEET

HOHE SEE / ALBATROS
INTER-ARRAY CABLE INSTALLATION

BOSKALIS

Royal Boskalis Westminster is a leading global marine contractor and services provider. With safety as our core value, we offer a wide variety of specialist activities to the oil & gas and renewables sectors. These activities include marine installation and decommissioning, seabed intervention, marine transport and services, subsea services and marine survey. In addition, Boskalis is a global dredging contractor, provides towage and terminal services across the globe and delivers marine salvage solutions.

By understanding what drives our clients we are able to provide the solutions that enable them to meet their specific business goals. For this reason we are constantly looking for new ways to broaden and optimize our offering and are committed to expanding our proposition, supported by our financial strength.

With our committed professionals in engineering, project management and operations, 900 specialized vessels and an unprecedented breadth of activities in 90 countries across six continents we help our clients in the offshore industry push boundaries and create new horizons.

INTRODUCTION

OWF Hohe See and Albatros both owned by client EnBW GmbH, are located in the same area. For the inner array grid (IAG) cable installation most products, services and vessels for the Albatros wind farm were exactly the same as for the neighboring Hohe See wind farm. Therefore both contracts were executed simultaneously over an installation period of two years. The installation of Albatros IAG immediately followed the installation of Hohe See IAG with the same spread. The main differences were the installation method for the Offshore Substation (OSS) cables and the different subsea cable crossing design. Both windfarms are linked via a connector cable.

FEATURES

Client	EnBW GmbH
Location	The Offshore Wind Farms (OWF) Hohe See and Albatros are located within the German Exclusive Economic Zone of the North Sea, about 90-100 km north of the island of Borkum and about 95-110 km west of the island of Helgoland.
Period	2017 - 2019
Contractor	VBMS (nowadays fully integrated within Boskalis)
Kind of project	Energy
Cable supplier	TKF and JDR



- A** Walk-to-Work vessel Smit Nicobar and CLV Spirit at work
- B** CLV Spirit working at the OWF Albatros

SCOPE

- Supply, installation and burial of a total of 98 33 kV inter-array cables. (79 inter-array cables for OWF Hohe See and 19 inter-array cables for OWF Albatros)
- Termination and testing.





FACTS & FIGURES

- Cable lay spread CLV Spirit
- Cable burial spread CLV Ndeavor and ROV Trencher 107-1100
- Walk to Work vessel Smit Nicobar

Watch project movie at: <https://vimeo.com/383038146>