

# PROJECT SHEET

## ARKONA OFFSHORE WIND FARM ARRAY CABLE TRANSPORT AND 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, 800 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

This array cable project contains a total of 60 WTGs with a capacity of over 6 MW each, which makes a total of 360 MW capacity. The WTGs are connected to the Electrical Offshore Substation (EOS) by 33 kV cabling. The designated foundation type is a monopile foundation with bolted Transition Piece.

### SCOPE

Prior to the surface cable lay operations the cable route needed to be cleared from boulders. This was performed by our boulder clearance tool T-Rex. To protect the cable, a cables stabilization campaign was executed by means of installation of rock berms, executed by the dynamically positioned fallpipe vessel Rockpiper.

Furthermore the scope contained:

- Transport and installation of 65 pieces of 33 kV cables with a total length of 75 km
- CPS design and supply
- Terminations and testing

### FACTS & FIGURES

- Cable lay vessel Boka Spirit
- Cable stabilization vessel Rockpiper

### FEATURES

Client	AWE, a Joint Venture between E.ON and Statoil (renamed into RWE and Equinor)
Location	Arkona-Becken Südost Offshore Wind Farm is located approx. 35 km northeast of the island of Rügen within the Exclusive Economic Zone of the Federal Republic of Germany.
Period	2016 – 2018
Contractor	Boskalis Subsea Cables (formerly VBMS)
Kind of project	Array Cable Transport and Installation



**A** Boka Spirit in the field

### Boskalis

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