



## Survey & Subsea Inspection of Export Cable

Offshore Marine Management completes comprehensive cable survey project

### Quick Look

Project: Barrow & Burbo Bank OWF

Client: DONG Energy and BOWind

Location: Liverpool and Heysham

Primary Service: Subsea Survey

#### Services OMM Provided:

- Experienced survey and cable teams.
- Subsea inspection of the entire 27km from Heysham to the wind farm.
- And three 8.6km export cables from the Wind farm to Liverpool.
- MCS Ailsa jumbo multicat, using a seabed crawler system fitted with a suite of subsea equipment.
- Full reports, Charting, Digital Video and GIS.

Both the Barrow and Burbo Bank locations offered a challenging working environment for OMM. Along with strong, dangerous tides and currents, there were ferries and fishing vessels to contend with, as well as variable local weather systems. Barrow has encountered water depths and drying heights of up to 30m and Burbo Bank of drying heights to 5m. To address this, OMM provided BOWind and DONG Energy with sophisticated and proven shallow water solutions.

The subsea survey and inspection operations were performed from the “MCS Ailsa” jumbo multicat, featuring a seabed crawler fitted with state-of-the-art subsea equipment and sensors. The “Vos Satisfaction” (DP1 and four point mooring) was used for the Barrow remedial works with the “Willendeavour” multicat as an anchor-handling vessel.

The flexibility of multcats was particularly important to this project due to the shallow water location, away from the channel and Lune Deep, at Heysham and Morecambe Flats, and also the Burbo Bank and Wallasey landing locations.

OMM provided its own survey and cable teams, equipment and software throughout.