WINDSHIELD

NEW INNOVATION WINDSHIELD FLEX LANDING

LOW MAINTENANCE AND IMPACT ABSORBING BOATLANDING FOR OFFSHORE WIND TURBINES

CROSS-SECTION WITH CTV BERTHING FENDER PROFILE



WINDSHIELD

Buoyant Works has developed an alternative to the traditional offshore wind turbine boatlanding.

WINDSHIELD FLEX LANDING is a modular boatlanding structure that replaces the traditional steel fabrication on an Offshore Wind Turbine.

Manufactured from a High Performance Polymer, the Boatlanding Fenders and Ladder are produced as a Single Component virtually eliminating all maintenance requirements throughout the lifespan of a Wind Turbine.



FENDERLESS CROSS-SECTION



SPLIT LADDER ASSEMBLY



FEATURES:

- 100% RECYCLABLE
- COMPRESSIBLE ENERGY ABSORBING STRUCTURE.
- NO EXPOSED STEEL COMPONENTS.
- LADDER AND BOATLANDING TUBES INCORPORATED INTO ONE SINGLE MODULAR COMPONENT.
- MODULES ARE AVAILABLE IN STANDARD LENGTHS UP TO 2000MM IN SECTION HEIGHT.
- MANUFACTURED FROM A HIGH PERFORMANCE POLYMER.
- NO PAINTING REQUIREMENTS THROUGHOUT THE LIFETIME OF THE WIND TURBINE.
- AVAILABLE WITH LED LIGHT STRIPS TO IMPROVE VISIBILITY IN POOR LIGHT CONDITIONS.
- CUSTOM CONFIGURATIONS AVAILABLE TO SUIT PARTICULAR WINDFARM REQUIREMENTS.
- STANDARDISED DESIGN TO SIMPLIFY CTV ACCESSIBILITY.
- SUPPLIED WITH OR WITHOUT CTV BERTHING FENDER PROFILE.
- IN THE EVENT OF SEVERE DAMAGE, SECTIONS ARE REPLACEABLE OFFSHORE.

BOATLANDING APPLICATIONS:

- MONOPILE WIND TURBINES.
- JACKET FOUNDATION WIND TURBINES.
- FLOATING WIND STRUCTURES.
- INSTALLATION VESSELS AND SOVS'
- OFFSHORE PLATFORMS.



FENDERLESS PROFILE