

1 Scope

The objective of this document is to provide a “road map” to the existing and proven best practices and published standards that will provide definitive detail on the design and installation of subsea cables for offshore wind energy systems in the United States, allowing the user to identify the appropriate standard(s) having details about the subject heading.

This standard applies to submarine cables both AC and DC with voltage classes rated 35 kV and above. To ensure sufficient flexibility, allowing for advancing the state of the art, this document was constructed around the international approach using functional and performance requirements, taking a system perspective as opposed to the component specific approach. In principle, the working group has adopted the international philosophy of applying functional requirements in the interest of preserving “room to grow” for the industry.