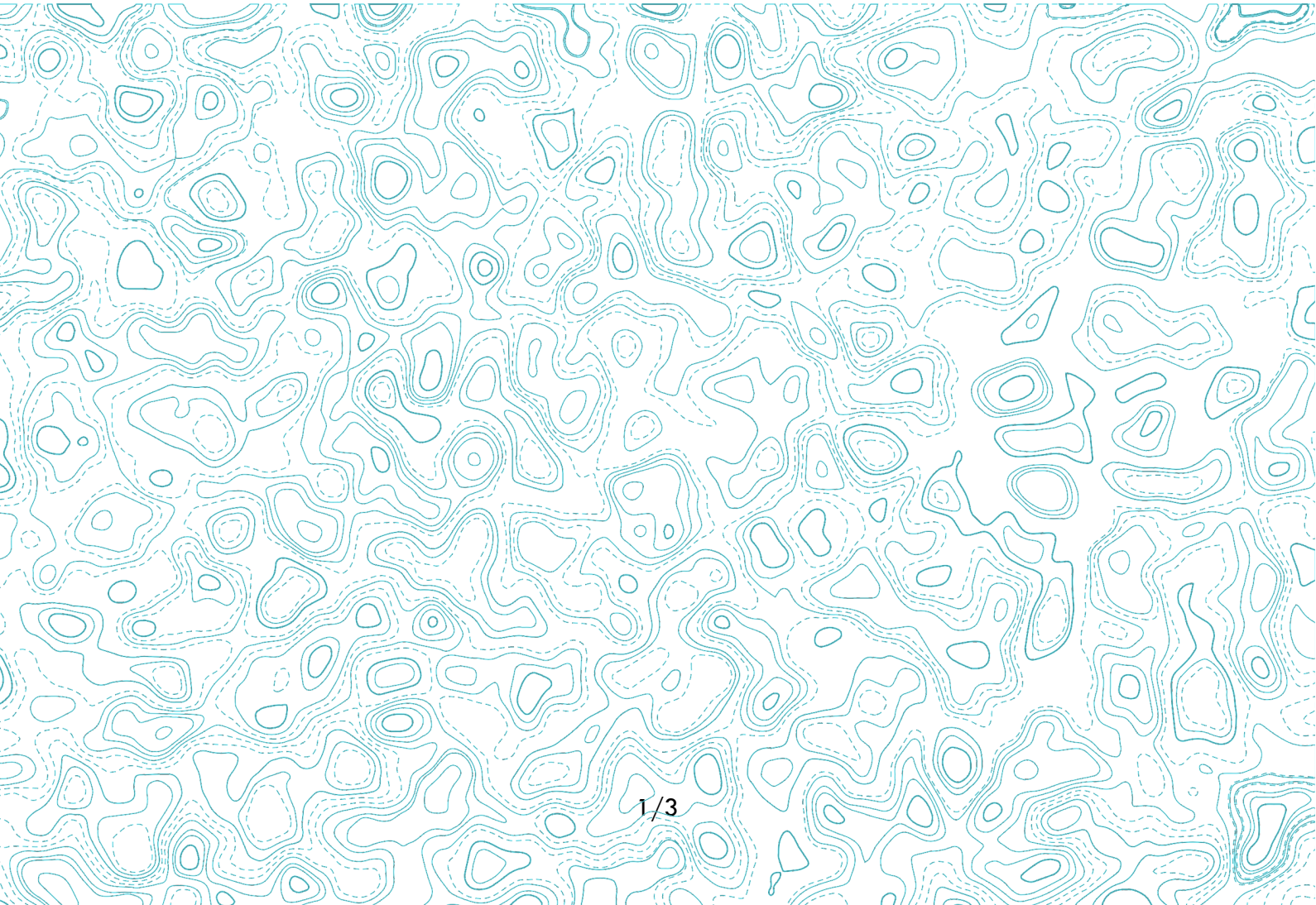


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TECHNICAL NOTE
IEC 61400-3-1 standard-map



Introduction

This Technical Note presents the relationships between IEC 61400-3-1:2019 and other standards.

The IEC 61400 standards are about wind energy generation systems. Part 3-1 in particular covers the design requirements for fixed offshore wind turbines. It focuses on the engineering integrity of the structural components of an offshore wind turbine but is also concerned with subsystems such as control and protection mechanisms, internal electrical systems and mechanical systems. A wind turbine shall be considered as a fixed offshore wind turbine if the support structure is subject to hydrodynamic loading and it is founded on the seabed. The design requirements specified in IEC 61400-3-1 are not sufficient to ensure the engineering integrity of floating offshore wind turbines. For floating installations, reference is made to IEC 61400-3-2.

As is evident from the map presented on the next page, from an electrical point of view the IEC 61400-3-1 standard refers to IEC 61400-1.

