Cathodic Protection Systems for Concrete Structure in Marine Environment

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Freyssinet Group performs structural maintenance operations using impressed current cathodic protection methods for both new build and repair projects.

The group has proven expertise in cathodic protection for Concrete, Land and Marine applications, as well as in-depth knowledge of the behaviour of the concrete material at the different stages of the project: diagnosis, design, actual working methods and logistical methods adapted to port structures (consideration of the operating context of the structures and specific access conditions).

This paper will review the complete project life cycle of marine concrete structure projects made by Freyssinet Group in the last 5 years. A particular focus will be made on challenging technical aspects, as well as the preferred methods that were adopted to achieve requirements.