

Alexander Arnfinn Olsen

Design and Installation of Drag Anchors and Plate Anchors

Guidance for Surveyors and Offshore
Professionals



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Preface

This textbook (hereafter the “text”) is intended to outline the Class recommendations for the design and installation of drag anchors and plate anchors for offshore service. Included in this text are the site investigation, methodologies for geotechnical design and structural assessment, and installation and testing recommendations for drag anchors and plate anchors. *Note: It is worth recognising other approaches that can be proven to produce at least an equivalent level of safety may also be considered by Class as an appropriate alternative.* The guidance outlined within this text is broadly applicable to the design of drag anchors and plate anchors, as a component of taut, semi-taut, or catenary mooring systems. This text is intended to support and/or augment Class Rules and should not be used as an authoritative guide in place of specific Class Rules. The information presented herein is intended solely to assist the reader in the methodologies and/or techniques discussed. This text does not and cannot replace the analysis and/or advice of a qualified professional. It is the responsibility of the reader to perform their own assessment and obtain professional advice. The information contained herein is considered to be pertinent at the time of publication but may be invalidated as a result of subsequent legislations, regulations, standards, methods, and/or more updated information and the reader assumes full responsibility for compliance.

Southampton, UK
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Alexander Arnfinn Olsen

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