

DEP SPECIFICATION

POLYESTER ROPE FOR DEEPWATER MOORING (AMENDMENTS/SUPPLEMENTS TO ABS GUIDANCE NOTES ON THE APPLICATION OF FIBER ROPE FOR OFFSHORE MOORING)

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DESIGN AND ENGINEERING PRACTICE



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PART I INTRODUCTION

1.1 SCOPE

This DEP specifies requirements and gives recommendations for design, material, testing, manufacturing, installation and subsequent survey of polyester fiber ropes to be used as mooring components in offshore mooring systems.

This DEP is based on American Bureau of Shipping (ABS) Guidance Notes on "The Application of Fiber Rope for Offshore Mooring", August 2011 (updated March 2012). Part III of this DEP amends, supplements and deletes various clauses of ABS Guidance Notes. Part III follows the clause numbering of ABS Guidance Notes for easy reference.

All clauses of ABS Guidance Notes not modified by this DEP remain valid as written.

ABS Guidance Notes covers the following three fiber materials:

- polyester;
- high modulus polyethylene (HMPE);
- aramid (aromatic polyamide).

However, this DEP is restricted to the application of polyester fiber rope.

This is a revision of the DEP of the same number dated February 2013; see (1.5) regarding the changes.

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If national and/or local regulations exist in which some of the requirements could be more stringent than in this DEP, the Contractor shall determine by careful scrutiny which of the requirements are the more stringent and which combination of requirements will be acceptable with regards to the safety, environmental, economic and legal aspects. In all cases, the Contractor shall inform the Principal of any deviation from the requirements of this DEP, which is considered to be necessary in order to comply with national and/or local regulations. The Principal may then negotiate with the Authorities concerned, the objective being to obtain agreement to follow this DEP as closely as possible.