Recent Advancement in Tendon Technology for Deepwater Application
This paper presents the literature review on the recent advancement in tendon technology for deepwater application, where the challenges and alternative tendon designs/configurations in deepwater are addressed. The suppression devices used for mitigating the vortex-induced vibration on tendon are also reviewed.

Review of Riser Techniques for Deepwater Application
An overview of recent developments of riser technology for deepwater applications.

Mud System for a Deepwater Drilling Vessel
A complete set of features and factors to be taken into consideration when designing a mud system for the future deepwater drilling rig.
Marine

43 Small Scale LNG Transportation in Shallow Water Regions
The paper describes the design features of KOMtech’s LNG transport solutions for shallow water regions and the differentiator of these solutions compared with the other conventional modes.

49 Design of Moored Floating Systems Through the WS/BS Method
The first time the WS/BS method is applied numerically in a systematic way on the dynamic analysis of moored floating systems. The result shows the WS/BS method as a useful tool in current design practices.

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A paper that describes how the dynamic positioning simulation is developed in ANSYS AQWA and its performance.
Environmental/Renewables

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