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Evaluation of Bridge Resource Management Failures in Grounding Accidents By Using Fuzzy AHP

Grounding accidents have an important share among marine accidents. A significant part of the shortcomings identified during grounding accidents concern bridge resource management. IMO Model Course 1.22 and STCW Section B-VIII / 2, Part 3-1 trainings/regulations have been put into practice for the development of bridge resource management on-board. For this reason, the study has been limited to resource management failures among causes of grounding accidents. In the study, the reasons of accidents were obtained by examining the 130 official accident reports which happened between 2000 and 2015. The hierarchical structure formed by the cause of the accident and the related recommendations for prevention is evaluated with Fuzzy AHP in the context of expert group and results revealed.

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