

Questionnaire on Philippine Navigator's Perception of Danger in Proximity of Hazards

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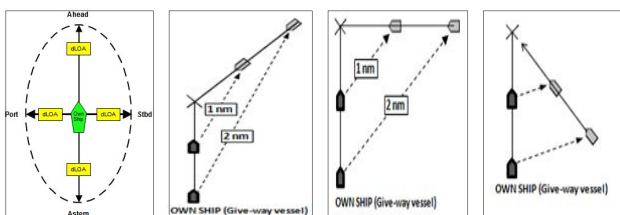
1. Introduction

A survey questionnaire was carried out on Philippine navigators about how they perceived fear when they encounter navigational obstacles during maneuvering in the inner harbor of its approaches. It targets as many ranks as possible in the survey to gather a holistic study of one of the major supplier of navigating officers in the maritime commercial profession.

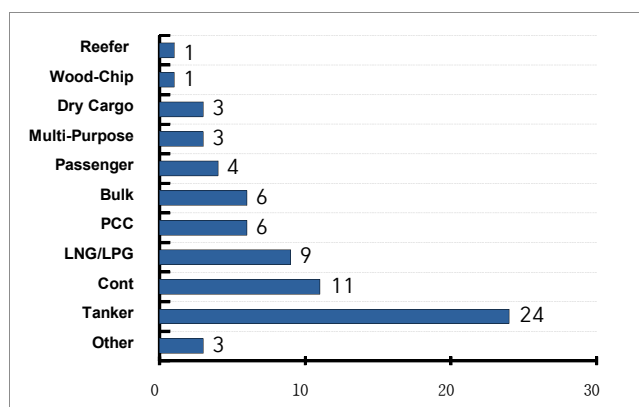
2. Objective and Methodology

The aim of this paper is develop an index of safety domain on minimum safe distance based on the Philippine navigator's level of fear when encountering obstacles in the navigation theatre.

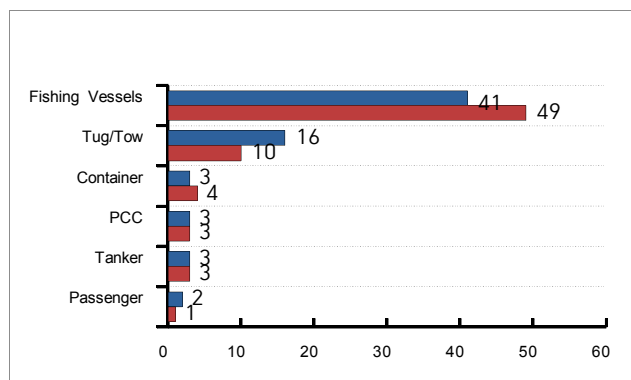
The survey is composed of sets of questions on the personal and professional information of navigators; the threshold of each navigator's minimum safe distance in restricted visibility, when there are strong winds and currents. It also measures the level of fear when meeting other ships from different relative directions. These scenarios and conditions are set when vessel is maneuvering at inner and outer harbor. Below are some of the diagrams used in the questionnaire survey.



3. Results of Survey



Types of vessels



Most bothersome type of ship based on area of operation according to respondents' perception

4. Conclusion

The study found that the smaller GTs, fishing boats and the likes, collectively, are the most bothersome according to the navigators aboard different types of vessels' navigators.

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