

SAFETY OF NAVIGATION: A STUDY ON NAVIGATION
EQUIPMENTS ONBOARD UNIT VESSELS

THESIS FOR MUHAMMAD BINTI MUHAMMAD

LP
31
FMSM
1(b)
2012

SCHOOL OF MARITIME STUDIES AND MARINE SCIENCE
UNIVERSITI MALAYSIA TERENGGANU

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ONBOARD UMT VESSELS**

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**SAFETY OF NAVIGATION: A STUDY ON NAVIGATION EQUIPMENTS
ONBOARD UMT VESSELS**

By

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**Research Report submitted in partial fulfillment of the requirement
for the Degree Bachelor of Science (Nautical Science and Maritime
Transportation)**

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ABSTRACT

The safety issue remains sensitive among the mariners and authorities despite improvements made. A safety checklist on navigation and communication equipments was developed, based on the requirement by the Malaysia Marine Department and SOLAS. The survey has been done on UMT Vessels which are RV Discovery, Discovery I, Discovery II, Discovery IX and Discovery VII. The interview of UMT vessels' crews is conducted to obtain more information and to support the checklist. This study is done to indicate the availability of navigation equipments onboard UMT vessels and whether the crews are familiar with the equipment and able to operate the navigation equipment effectively. The findings showed that most of the crews have the certificate to operate the navigation equipments. On the other hand, data for competency of crew revealed that most of the crews had positive safety attitudes and were knowledgeable in handling the navigation equipments from experience. Interestingly enough, the results indicated that a high number of crews showed their interest in handling the navigation equipments training. Finally, some recommendations that would help to improve the safety of navigation were presented.

ABSTRAK

Isu keselamatan masih sensitif di kalangan pelaut dan pihak berkuasa walaupun penambahbaikan telah dibuat. Satu senarai semak keselamatan peralatan navigasi dan komunikasi telah dibangunkan, berdasarkan keperluan oleh jabatan laut malaysia dan SOLAS. Kaji selidik ini telah dijalankan ke atas kapal UMT iaitu RV Discovery, Discovery I, Discovery II, Discovery IX and Discovery VII. Manakala satu temuduga dengan krew kapal UMT telah dijalankan untuk mendapatkan maklumat lanjut bagi menyokong senarai semak tersebut. Kajian ini telah dijalankan bagi membuktikan adanya peralatan navigasi kapal UMT dan sama ada krew biasa dengan peralatan dan dapat mengendalikan peralatan navigasi dengan berkesan. Hasil daripada kajian ini menunjukkan bahawa kebanyakan krew mempunyai sijil untuk mengendalikan peralatan navigasi. Sebaliknya data untuk kecekapan krew mendedahkan kebanyakan krew mempunyai sikap yang positif mengenai keselamatan dan berpengatahuan dalam mengendalikan peralatan navigasi melalui pengalaman mereka. Cukup menarik, keputusan menunjukkan bahawa ramai krew menunjukkan minat mereka dalam mengendalikan peralatan navigasi. Akhir sekali, beberapa cadangan telah dibuat bagi membantu meningkatkan keselamatan pelayaran.