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Keywords: IAMU 2018 Human Element, Maritime Education and Training, Maritime Environment, Maritime Policies and Issues

Thematic Element: Enhancing cooperation & social responsibility in the maritime field

Maritime Training for Emergent Opportunities

Intro: The traditional model for maritime training has been coursework leading toward either a deck or engine credentialed graduate. Given the changing nature of regulation and the introduction of new technologies these lines have become blurred. New positions such as Electro-Technical Officer and Environmental Officer have become standardized over the last decade. One of the largest ongoing regulatory change has been in environmental regulation and the goal of clean shipping. This paper will focus upon the Environmental Officer Position and the cross training recommended for a deck or engine officer to successfully carry out the duties of the position.

Body: Today's cruise industry represents the strongest growth segment of marine industry employment both aboard and ashore.. The position of E/O is unique to the industry afloat however the responsibilities and training for the job transition well to positions ashore in all maritime segments.

The knowledge for the position encompasses our traditional training with crossover, particularly for deck students needing emphases in engineering systems. The additional training unique to the position includes- Environmental Management-Environmental Law-Public Health-Marine Pollution-Environmental Hazard Communication. Soft skills needed are public speaking-writing-spreadsheet analysis....

Our institution is in the process of taking existing classes both inside and outside ones major to create a certificate program to encompass the required knowledge for the position.

This paper will examine the duties of the position. It will also discuss the coursework suggested for a career in the environmental aspects of shipping and logistics both afloat and ashore.