



Education and Culture DG
Lifelong Learning Programme

M'AIDER – Maritime Aid's Development for Emergency Responses

Period: 2009-2011

General budget: 400,000 EUR

Partners: Lithuanian Maritime Academy, C4FF, University of Strathclyde, TUDEV Institute of Maritime Studies, IDEC, Spinaker, Maritime Institute Willem Barentsz.

The project concerns those aspects of human error related to emergency situations which can be corrected through removal of existing deficiencies in Maritime Education and Training (MET) of cadet officers. The study of accidents and incidents at sea will identify the emergency situations and provide adequate information as to how various scenarios could be prepared and simulated in various types of simulators.

In this project it is intended to prepare a whole range of **scenarios simulating actual accidents**, incidents and near-misses focusing on emergency situations and incorporate these in the existing MET programmes in the partner countries and later European-wide. The intention is that the scenarios would lead to identifications of the causes for accidents and incidents as well as near-misses including grounding and through training these causes could be removed as such training will enhance the awareness of dangerous situations significantly and what actions to take to avoid them.

The main focus is on the training of Deck officers as the accidents are directly related to the activities on the bridge including communication within the team and engine department.

The main aims are:

1. To improve safety at sea and at ports by identifying emergency situations known so far and create a knowledge-base of scenarios based on emergency situations for training of seafarers at officer level and higher ranks.
2. To develop intelligent exercises based on scenarios created for application in bridge, area as well as in integrated and full-mission simulators.
3. To transfer the knowledge that already exists in the form of video software together from an existing internet e-learning/assessment platform with a view to integrate the scenarios and exercises created as result of aims 1 and 2.