



## Improving the course Lightering Phase 2



### NEWSLETTER

# The “Bergesen” project

July 2003

## Project outline

Volume 1, Issue 1

The project “Improving the course Lightering Phase 2” is a co-operation project involving Bergesen, SMSC, NTC-M and MARINTEK. The project objective is to improve the transfer of learning from a simulator course to real life operation. It started in April and will end in December 2003. Using feedback from the present course, pre and

post simulator course activities will be designed and tested. Feedback from course participant as well as simulator instructors, is the critical success factor for improved learning experience for future users of simulator based training.

A questionnaire has been distributed to all senior officers that took part in Lightering Phase 2 courses at

SMSC in 2002 to investigate how course experience is used in on board work. A total number of 22 senior officers have been asked to complete the questionnaire.

By end of June MARINTEK has received 13 completed forms. Findings will be presented in next newsletter.

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The project objective is to improve the transfer of learning from a simulator course to real life operation.



## Questionnaire results

So far 14 senior officers have participated in Lightering Phase 2 courses this spring. Their pre and post questionnaires will be used as input to the ongoing work to specify the improved course that will be tested later this year.

From the pre questionnaire it is found that course participants lacked some prior information about the course. Thus their expectations concerning learning goals for the course varied widely. Two of the participants had reread some of the learning notes from earlier simulator courses before they came to SMSC for the Lightering Phase 2 course.

The on course questionnaire shows that some of the participants ask for own ship models that are more closely resembling the vessels they work on. More time spent on exercises were requested by many. Some also wanted the course length to be increased. Only a small number of the respondents had formulated a “Frequently Asked Question” related to lightering operations.



During the discussions at lunch time the second day it was requested that Bergesen modified the way Officer conferences were conducted opening up for more two-way communication. A newsletter on simulator training was found to be of interest and a number of the course participants stated willingness to take part in discussions on topics that were raised in the newsletter.

### Cooperation between:

- ♦ **Bergesen**
- ♦ **SMSC**
- ♦ **NTC-M**
- ♦ **Marintek**
- ♦ **Started in April 2003**
- ♦ **Ends in December 2003**

**Sponsored by:**  
**Norwegian Shipowners Association**

## Workshop at Bergehus

In the beginning of June a lunch to lunch workshop was run at Bergehus.

The goal was to generate ideas for an improved Phase 2 course. In addition to representatives of SMSC, NTC-M and MARINTEK the following representatives took part:

- **Bergesen:** Jon Bjørn Sundan and Ole Halvorsen

- Terje Julsen and Bjørn Waage
- **SMSC:** Odd Sundklakk
- **NTC-M:** Helge Oliverson
- **Marintek:** Tor Einar Berg

It was proposed that for test courses to be run later this year, one should include some pre course activities that preferably are done on board.

Examples are OCIMF Guideline familiarization, understanding own ship maneuvering characteristics and discussing lightering operations with other senior officers. As post course activities it was proposed to apply a questionnaire and ask participants to discuss course experience with other senior officers on board.

## Learning notes

- **1. Discuss** course content with other senior officers when returning to your vessel after a simulator training course
- **2. Familiarize** yourself with the maneuvering characteristics of your own vessel, check if the wheelhouse poster is correct for the present condition of the vessel.

## Discussion topic

In each newsletter we will introduce a topic where we invite the readers to forward their comments. A SMSC instructor will summarize the comments and prepare a short abstract in the next newsletter.

Here is the first discussion topic:

External forces are important when planning and performing lightering operations.



To what degree are wind, seas-tate/waves and current realistically represented in SMSC training scenarios?



We kindly ask you to forward your comments to these questions to Instructor Odd Sundklakk at SMSC ([odds@smsc.no](mailto:odds@smsc.no))

with a copy to

Project Manager Tor Einar Berg at MARINTEK ([toreinar.berg@marintek.sintef.no](mailto:toreinar.berg@marintek.sintef.no))

Deadline for comments are July 20<sup>th</sup> 2003.



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