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Newsletter



”Improving retention of simulator based training”

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Highlights:

- Started July 2003
- Ends in December 2004
- First report January 2004
- Regular Newsletter

Simulator training tips:

5. Be an active participant in all briefing and debriefing activities
6. Plan for critical situations when preparing for a simulator exercise (as well as in real life situations)
7. Use the “Ask an Expert” tool if / when you have a question related to ship handling

Project description

The project is a co-operation between 4 shipping companies (Bergesen, Kristian Gerhard Jebsen Skipsrederi, Odfjell, Neptune Shipmanagement Services), 3 simulator operators (Integrated Simula-

tion Centre of Singapore, Norwegian Training Center Manila, Ship Maneuvering Simulator Centre), Kongsberg Maritime and MARINTEK. It started in July 2003 and will end in December 2004.

The principal objective is to improve learning outcomes of simulator based training courses used by the participating shipping companies.

Project news

During summertime MARINTEK has held separate meetings with the Norwegian shipping companies taking part in the project.

Additionally, representatives of NTCM, Odfjell, MARINTEK and SMSC had a joint meeting at SMSC, Trondheim, to work on the Pre Course Handbook for Odfjell.

SMSC is working on a new web site that will include a “Frequently Asked Question, FAQ” functionality.

MARINTEK has set up a small internal task force on ship – ship interaction. Initial activities include analysis of present empirical models for calculation of ship – ship interaction forces and moments.

Case study progress

Bergesen had a group of 3 senior officer (Indian and Russian) at a lightering course at SMSC late September. All had received the Pre Course Handbook developed in the previous Bergesen – Norwegian Shipowners Association project prior to the course.



The content and size of the handbook were well received by these officers. MARINTEK, in co-operation with NTCM, SMSC and

Bergesen, have prepared a draft version for a separate Pre Course Handbook for a basic ship maneuvering and handling course. Bergesen runs such courses at NTCM, SMSC as well as in India and Latvia.

Odfjell Shipping has been working with NTCM, SMSC and MARINTEK to finish the Odfjell Pre Course Handbook for the course “Ship Simulator and Bridge Teamwork”. The version to be used for the rest of the project period was completed by MARINTEK September 30.



Case Study Progress Cont.

Neptune Shipmanagement Services (NSSPL) has forwarded post evaluation questionnaires (PEQ) completed by 12 participants in the pilot courses run in 2003 (out of 16 course participants). In addition PEQ responses have been collected from another group of officers now working for ESPL. MARINTEK has prepared a summary of the questionnaires as feedback to NSSPL.

Kristian Gerhard Jebsen Shipping (KGJS) has received completed PEQ from 10 former test course participants. MARINTEK has summarized the responses in a company specific Word document. Analyses of the feedback and responses will start in October.



Seagull's User Conference; Aasgaardstrand Norway, 2004



The User Conference gathered some 30 delegates, mostly from Scandinavian shipping companies using Seagull's CBT system. The company has developed 83 modules, 9 are in production and 35 more are planned. In the last category there is 1-2 module (s) on basic and advanced ship handling.

When they become available, project partners will see if it is feasible to use them as part of pre course activities. At present Seagull have 2350 CBT user sites on vessels, company offices and maritime education and training institutes.



SIMSEM 2004; Stockholm Sweden, September 2004



Nordic Society of Training Simulator Users annual conference this year had a focus on Human –Technology – Organization aspects. It started with a review of incident/accident report systems and analysis followed by risk analysis. Design considerations for high-speed craft bridges, taking care of different operational modes, was one interesting presentation. Another one discussed how cockpit designs were validated in the airline industry. Papers will be available at the society's website (go to SIMSEM 2004) at:

<http://www.norsim.org/>



Kongsberg's Far East Simulator Users Conference;



Singapore, September 2004

More than 50 delegates attended the conference and took an active part in discussing topics from the focused conference theme of "Improved Learning Results from Simulator Based training". Both ISC and NTCM were represented at the meeting. ISC simulators were demonstrated on the final afternoon of the conference.

MARTECH 2004, Singapore, September 2004

Capt. Foong (ISC) et al presented a paper on "Simulator-based training – ISC's experience" at the conference. Conference program and abstracts of other papers presented at the conference may be downloaded from respectively:

http://www.sma.sp.edu.sg/html/Martech_Programme.pdf

http://www.sma.sp.edu.sg/html/martech_paper.htm

Acknowledgement

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Additional information

For more information about the project go to the project web site at:

<http://www.marintek.sintef.no/eway/default0.asp?e=0&pid=209&lang=eng>

Click on "Research projects" in the left hand table of content. Click on " Research Council" in the left hand table of content

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