

The BIMCO Marine Department was kindly invited to attend a 3 days Bridge Resource Management (BRM) course at the Marstal Navigation School (MARNAV) in Denmark.

The BRM course is conducted in accordance with STCW Code, including 2010 Manila Amendments Section A-II/1, Section A-II/2 and Section A-VIII/2 (related to navigational watch-keeping), and the training also follows the recommendations in STCW Code Section B-VIII/2 Part 4-1. In addition, the training meets the following:

- The US requirements of 33 CFR 157.415 for Bridge resource management policy and procedures
- The requirements of the Norwegian Regulations of 22 December 2011 No. 1523 concerning qualifications and certificates for seafarers



The MARNAV BRM course instructor team are trained maritime navigators holding Masters' certificates. The instructors continuously update their skills and competencies by participating in relevant courses, active sailing as super numeraries and participating at IMO meetings as technical advisers to the Danish Maritime Administration.

The BRM training course, held in April 2015, was very well piloted in accordance with, and above, the requirements. The course entailed all aspects of the regulatory framework, the capacities and limitations of Bridge Resource Management. The course attendees comprised a good mix of Mates and Masters in active service, both in short-sea and worldwide trades.



The BRM training is designed, to ensure that navigators are able to understand the human factors and interpersonal interactions in the context of; bridge watch-keeping, command, manoeuvring and navigation as well as demonstrate competencies and skills regulated by STCW. The training aims at ensuring that the navigator understand the fundamental aspects of resource management and how to practically apply it during command and navigational duties.

The MARNAV's 3 days BRM course is conducted with a balanced combination of theory and practical exercises in the full mission simulators.

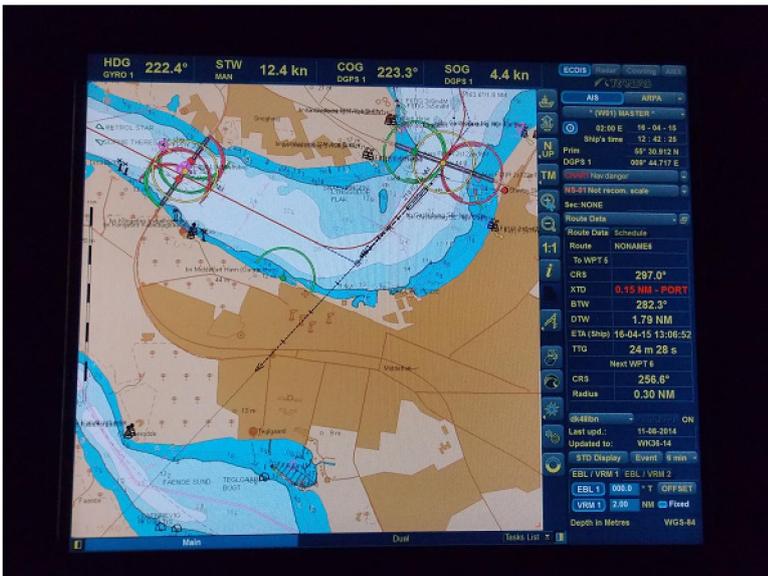


The theory parts included:

- Legal aspects - IMO requirements
- Introduction to BRM strategies
- Definition of good Bridge Resource Management
- Evaluation of role play - Maritime Type / Group compass (MTG)
- Evaluations of all sessions

The simulator training included operating:

- With a mix and remix of the bridge management team members
- Multiple ship types
- At different locations including confined sea areas
- Under various conditions such as, day-night time, reduced visibility, heavy sea, etc..



During each simulator exercise, the individual bridge management teams had on top of the manoeuvring and navigational challenges to cope with everything from equipment failure and engine black outs to on board fires and man-overboard situations.

As the inserted images illustrates it during the exercise from time to time be hard to distinguish between the virtual reality and the real life situations.



In fact, was it found that shore side office personnel in some cases could benefit from attending BRM or BTM courses in order to be acquainted with the conditions and workload experienced by the officers on the bridge as well as having the chance for trying out manoeuvring and navigation ships in a near real life mode.



MARNAV is situated on the island of Ærø (Aeroe) in the southern part of Denmark and for further information regarding MARNAV and the BRM courses please refer to the following website: www.marnav.dk

For enquiries regarding BRM and related matters, please contact the BIMCO Marine Department at the following e-mail address: marine@bimco.org, including your company name and BIMCO membership registration number so that we can better assist you with your enquiry

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