

Bridge Resource Management

General

Recently MSCN/MARIN acknowledged through their customers that there is a growing need for training courses for ship officers to ensure the safe operation of ships and to provide a link between the company and people on board. Training has also become a key to properly implement parts of the ISM code.



Bridge Resource Management at the Full-Mission Bridge (360° view)

During critical situations on the Navigation Bridge it often happens that due to lack of communication and standard procedures officers worsen the casualty instead of limiting it. In almost 70 percent of all groundings and collisions, human error is the most prominent cause of the casualty. Most of these accidents happen during limited visibility and during departures from and arrivals into ports. At these times the workload on bridge personnel reaches its peak and it is crucial that officers perform as a team and not as individuals who happen to be on the same ship.

Bridge Resource Management enhances “situational awareness” and focuses on the possibility of “human errors” when working under stress. It also provides a tool to plan a safe passage considering all dangers in navigation by utilising most advanced real-time bridge simulator equipment. Improvement of communication is a crucial aspect of the training.

During this 4-day training course which has been specially designed for Masters and deck officers, the team will work with an experienced instructor. Trainees will participate in simulator exercises, briefings, debriefings, theoretical presentations and discussions. The maximum number of participants is eight.

Course objectives

Officers who have attended this course will be able to:

- Enhance efficiency by reducing the probability of human errors.
- Set tasks and improve on their leadership skills.
- Understand the value of good bridge teamwork.
- Optimise use of sources during navigation.
- Make and monitor a passage plan for port arrival and departure, and VTS precautionary areas transits:
 - reduce communication barriers,
 - prevent ad hoc decisions which are not in accordance with the passage plan,
 - handle unexpected situations and emergencies by keeping “situational awareness”,
 - improve co-operation between pilot and crew.



Seminars

To achieve the course objectives daily seminars will be held in which participants gain the theoretical background knowledge needed for the corresponding simulator exercise.

Various seminars will comprise:

- Leadership.
- Decision making.
- Conflict resolution.
- Situational awareness.
- Briefings/Debriefings.
- Effect of stress and fatigue on performance.
- Human error chains.
- System causes of accidents.
- Teamwork.
- Procedures during emergencies.
- Bridge Team/ Pilot interface.

After completing the course participants will be issued a certificate.

Our Bridge Resource Management course fully complies with IMO/STCW/ ISM and Royal Dutch Ship Owners Association standards.

For more information please contact MARIN's Nautical Centre MSCN,

T +31 317 479 911

E MSCN@marin.nl