

Operational Risk Management (ORM)

The ORM 4-STEP "SAFE" PROCESS

There is an element of risk in all we do. Workplaces, especially those at sea, are dynamic and risks constantly change in shape, probabilities and exposure. **Frontline supervisors** and **operational staff** are faced with varying levels and types of risk every day and need the skills to effectively interact with these risks on an ongoing basis.

Operational Risk Management (ORM) is a practical **decision-making tool** used by maritime personnel at all levels to increase operational effectiveness by identifying, assessing, controlling and monitoring risks. The ORM processes adds structure to the process required to make informed decisions – on a continuous basis. The **SAFE** process is simple – and can be used immediately as needed when faced with a dangerous situation, or alternatively it can be proactively discussed before the operation proceeds, and recorded formally.



Step 1: SEE the Hazard: A hazard is defined as any real or potential condition that can cause degradation, injury, illness, death or damage to or loss of equipment or property. Experience, professional competence, and specific analytical tools help identify risks.

Step 2: ASSESS the Risk: This is the application of quantitative and qualitative measures to determine the level of risk associated with specific hazards. This process defines the probability (likelihood) and severity (consequence) of an accident that could result from the hazards arising from the exposure of humans or assets to the hazards.

Step 3: FIX the Problem: Investigate specific strategies and tools that reduce, mitigate, or eliminate the risk. This analysis must take into account the overall practicality and benefits of remedial actions, providing alternative choices if possible. These will include behavioural, engineering, and administrative controls, as well as the appropriate PPE and Safety Gear.

Step 4: EVALUATE the Fix: Once controls are in place, the process must be periodically re-evaluated to ensure their effectiveness. Vessel personnel must fulfil their respective roles to assure that the controls are maintained over time. The risk management process continues throughout the life cycle of the vessel, system or activity.

APPROACH

The preferred approach is to present these workshops in-house, conducting several training workshops throughout the organization, focusing on group participation and practical application. Use is made of the risk-matrix methodology and risk management processes. Emphasis is placed on providing delegates with practical decision-making tools and skills. **This practical 1-day workshop will provide delegates with the necessary tools to effectively recognise, assess and proactively manage workplace risk.**

Successful implementation of the ORM process will increase operational effectiveness while reducing injury potential and minimizing unnecessary loss of assets, both personnel and equipment.



PRO-SAFE
M A R I N E

For more detailed information on this or any other any specialised training or consultancy services, please contact Eric Holliday on eric.holliday@prosafemarine.com or for general queries, please mail info@prosafemarine.com