Resource Management — study guide

Resource management is about using the people, information and equipment on the bridge or in the engine room as a team, so that small errors do not grow into disasters. This guide covers the training and its aims.[1]

What resource management training develops

For a resource management training programme to be effective it must have a lasting result, ensuring that the individual's communication skills, **assertiveness** and ways of coping with pressure and **stress** are well developed. The purpose is to create a crew with a focus on preventing the minor errors that can lead to serious incidents or even **catastrophic** events.

Culture and behaviour

There is a strong correlation between the behaviours and attitudes of seafarers on board a ship and the cultures that seafarers belong to — for example professional, national and organisational cultures. Understanding this helps leaders read behaviour and manage teams.

Decision-making

Effective decision-making can be supported by carrying out regular meetings that let officers and crew members interact and share opinions.

Why it matters

Human factors contribute to a large majority of shipping-related accidents. Resource management training is carried out at workshops and using computer-based training.

Key facts to remember

- Effective training develops communication, assertiveness, and coping with pressure and stress, to prevent minor errors becoming catastrophic events.
- Behaviour and attitudes correlate with professional, national and organisational cultures.
- Support decisions with regular meetings where officers and crew share opinions.
- Human factors cause the large majority of shipping accidents.
- Training delivery: workshops and computer-based training.

Sources

1. STCW Convention and Code — bridge and engine-room resource management (Sections A-II/1, A-II/2 and A-III).

2. ISM Code (SOLAS Chapter IX) — the human-element and safety management framework in which resource management operates.

© 2026 maritimetest.com · free study guide