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| Overview | This standard covers the competence required to ensure that the vessel is maintained in a seaworthy condition with respect to watertight integrity, stability and stress being correct for all stages of a voyage or operation to be undertaken.  It includes planning for the required events and planning the vessel's weight distribution, delegating the operation, confirming that the outcomes of the plans are as expected and that problems or changes have to be recognised and taken into account.  **Target Group**  This standard applies to individuals at the managerial level with responsibility for ensuring stability and watertight integrity of any size vessel working in any operational area. |

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| **Performance criteria**  You must be able to: | 1. plan to ensure the stability and watertight integrity of the vessel at all times in accordance with the code of safe working practices and legal requirements 2. plan the vessel's weight distribution to ensure the stability and stress condition remain within safe limits at all times 3. instruct the crew to ensure that plans are fully met 4. confirm the stability and watertight integrity of the vessel at all times 5. ensure that stability calculations are appropriate to the proposed nature of the voyage or operation and meet the required stability criteria 6. confirm that trim, drafts and list are acceptable for vessel operations 7. ensure that checks on the vessel's stability condition are carried out at appropriate frequency. 8. take relevant remedial action in instances where stability or watertight integrity is compromised 9. keep accurate records relating to stability and watertight integrity |

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| Knowledge and understanding  You need to know and understand: | 1. how to control the trim, stability and stress of the vessel 2. the effect of damage and flooding on stability 3. the construction features and systems that may be used to limit damage 4. how to evaluate and apply statutory regulations and guidelines, organisational instructions and guidance, and vessel contingency plans 5. organisational recording requirements |

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