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| Overview | This standard covers the competence required to control operations on board the anchor handler. It includes controlling preparation and carrying out of anchor handling operations.    **Target Group**  This Standard applied to individuals at the operational level who control anchor handling operations on any size of vessel working in any operational area. |

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| **Performance criteria**  You must be able to: | 1. plan anchor handling operations in accordance with instructions, legislation and industry standards taking into account hazards and local conditions 2. brief all personnel involved on the actions to be taken and ensure that everyone understands their role in the anchor handling operation 3. confirm that the vessel, specialist gear and equipment is in good working order in accordance with manufacturers’ recommendations and instructions before use 4. correctly use specialist equipment associated with anchor handling in accordance with manufacturers’ recommendations and instructions 5. pick up surface buoys in accordance with safe working practices 6. ensure correct connecting, disconnecting and rigging of handling wires in accordance with safe working practices 7. control spooling of additional pennants onto a winch drum in accordance with safe working practices 8. ensure safe anchor handling procedures to deck an anchor, secure an anchor to the deck and deploy an anchor 9. manoeuvre a vessel within the vessel’s operating parameters to run an anchor, to break out an a anchor, to a lasso buoy and to attach a pennant 10. shut down and secure equipment on completion of the operation in accordance with operational requirements |

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| Knowledge and understanding  You need to know and understand: | 1. terminology used in the Offshore sector 2. different types of anchor handling gear and equipment including anchors, grapnel, lasso, hand tools 3. characteristics, including safe working load and breaking strain, of wires, shackles, jaws, pins and kenter, pear and hinge links 4. winch construction including spooling devices 5. inspection regimes for equipment 6. safe working procedures and hand signals used for correctly handling anchors in general and while the vessel is manoeuvering 7. the dangers of a ‘live’ wire and the need to keep the deck clear 8. how to interpret weather and sea state information and how these can impact upon anchor handling operations and vessel movements 9. advertised water depths, water conditions and their impact on the movement of vessels, obstructions and hazards 10. how a vessel’s stability may be affected during anchor handling operations 11. construction of anchor handling vessels with respect to watertight integrity 12. procedures for dealing with emergencies through application of Statutory Regulations, organisational instructions and guidance |

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