|  |  |
| --- | --- |
| Overview | This standard covers the competence required to control operations on board a diving operations vessel. It includes controlling preparation and carrying out of safe support for diving operations.    **Target Group**  This Standard applies to individuals at the operational level with responsibility for planning and controlling the support of diving operations on any size of vessel working in any operational area. |

|  |  |
| --- | --- |
| **Performance criteria**  You must be able to: | 1. plan dive support operations in accordance with instructions, legislation and industry standards taking into account hazards and local conditions 2. hold vessel induction talk with personnel that are not crew of vessel 3. brief all personnel involved on the actions to be taken and ensure that everyone understands their role in the diving operation 4. respond to a dive operations emergency in accordance with industry standards and latest guidance 5. communicate with shore side emergency services and support in accordance with standard procedures and regulations 6. confirm that the vessel, specialist gear and equipment are in good working order in accordance with manufacturers’ recommendations and instructions before use 7. ensure correct lifting of specialist dive equipment onboard vessel and the correct Sea Fastening of equipment on deck in accordance with safe working practices 8. ensure clear lines of communication between wheelhouse and dive team 9. notify relevant authorities and work site administration of dive operation in accordance with requirements 10. ensure correct dive signals are displayed in accordance with regulations 11. ensure correct mooring/anchoring of vessel to ensure a safe static position for dive operations 12. deploy and secure dive recovery platform/ladder in accordance with safe working practices 13. ensure immobilization of vessel propulsion system and deployment of “divers down” signs in engine room prior to dive operations 14. ensure permanent watch kept for approaching vessels by all available means 15. recover divers using onboard crane/ladder deck in accordance with safe working practices 16. recover mooring/anchor devices in accordance with safe working practice |

|  |  |
| --- | --- |
| Knowledge and understanding  You need to know and understand: | 1. terminology used in dive support operations 2. principles of dive support operations and diving 3. basic principles of effective communication 4. how to communicate on board a vessel, ship to ship and between ship/shore 5. different types of mooring and anchoring arrangements 6. safe working procedures for the use of mooring and anchoring equipment 7. inspection and maintenance regimes for equipment 8. safe working procedures and hand signals used for crane operations 9. how to interpret weather and sea state information and how these can impact upon dive operations and vessel movements. 10. predicted water depths, water conditions and their impact on dive operations. 11. procedures for dealing with emergencies through application of Statutory Regulations, organisational instructions and guidance. 12. understanding the specific dangers and response for diving operations |

|  |  |
| --- | --- |
| **Developed by** | Maritime Skills Alliance |
| **Version number** | 1 |
| Date approved | January 2012 |
| Indicative review date | December 2016 |
| Validity | Current |
| Status | Original |
| Originating organisation | Skills for Justice |
| Original URN | MSA E13 |
| Relevant occupations | diving operator |
| Suite | Maritime |
| Key words | control operations; diving operations; vessel; safe support |