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### Overview

This standard is about monitoring and maintaining fishing operations so that the objectives of the fishing activity are safely met. It includes being able to observe all aspects of the fishing activity and provide advice and guidance to help those involved with implementation, to overcome difficulties and variations from planned outcomes.

This standard requires the ability to respond to variations in expected numbers of fish, changes in water conditions and effectiveness of equipment. It also requires the ability to maintain the condition of fish during capture, storage, data collection and release.

This standard requires the ability to maintain the following fishing operations:

1. netting
2. hook and line
3. trapping
4. draining down

This standard requires that you ensure work is completed safely in line with legal health and safety requirements and that you ensure work maintains bio-security and minimises environmental disturbance at all times.

The legislation controlling the application of this standard will vary depending on the location of the fishery within England, Wales, Northern Ireland or Scotland.

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## Maintain fishing operations

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### Performance criteria

*You must be able to:*

- P1 supervise fishing operations to achieve planned fishing objectives according to survey requirements
- P2 observe and respond to variations from planned survey requirements
- P3 adjust fishing operations to take account of changes in environmental conditions
- P4 ensure the condition of captured fish is maintained throughout processing activities
- P5 ensure that equipment is maintained into a serviceable and safe operating condition throughout fishing operations
- P6 maintain accurate fishing records
- P7 maintain effective communication with team throughout fishing activity

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### Knowledge and understanding

*You need to know and understand:*

- K1 the health and safety requirements associated with fishing operations
- K2 how to maintain safety during fishing activities
- K3 the safety equipment essential to the support of fishing operations
- K4 how to plan fishing operations to meet objectives, according to survey requirements
- K5 how resource requirements vary according to prevailing environmental conditions
- K6 the people requirements of different fishing operations
- K7 how fishing is used to support management of a fishery
- K8 how fishing operations can disturb and stress fish
- K9 how to maintain the condition of captured fish
- K10 maintenance requirements of fishing equipment
- K11 the principles employed in common fishing methods
- K12 the legal restrictions controlling fishing activities
- K13 how the characteristics of the water body impact on fishing activities (running water, still water, tidal water)
- K14 the importance of good communication in maintaining safety
- K15 how anaesthetics are used to support the collection of fisheries data
- K16 lethal and non-lethal sampling methods
- K17 types of net and their operating principles (e.g. fyke, seine, gill nets)
- K18 the facilities required to receive, process and maintain fish

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