



Australian Government

SFIFSH304 Adjust and position fishing gear

Release: 1

SFIFSH304 Adjust and position fishing gear

Modification History

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 1.0.

Application

This unit of competency describes the skills and knowledge required to adjust and position fishing gear before deployment, fishing and retrieval in order to maximise catch.

The unit applies to individuals who work with a range of fishing gear in fishing operations, including beach seines, mesh nets and gill nets, demersal fish and prawn trawls, drop lines and long lines, hand operated lines, pots and traps, purse seines and traditional fishing methods, tools and equipment.

All work must be carried out to comply with workplace procedures, according to state/territory health and safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Fishing Operations (FSH)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Organise work area to adjust fishing gear	1.1 Select required fishing gear and equipment, including personal protective equipment, according to fishing operations plan 1.2 Identify and rectify unsafe and inefficient aspects of the work area 1.3 Give team members clear instructions about the task and methods

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	to be used 1.4 Ensure necessary resources required for the task are readily available 1.5 Check tools, equipment and techniques devised for maintaining and readying fishing devices for deployment are appropriate for planned operations
2. Adjust components of fishing gear to optimise catch	2.1 Assess effectiveness of fishing gear against workplace criteria to determine whether fishing gear is sub-optimal 2.2 Make observations on catch and fishing device components to provide data on position, symmetry and performance 2.3 Assess effectiveness of deployment of fishing device components by comparing catches and observed operation of components with gear plans 2.4 Adjust, recondition or construct fishing device components to rectify sub-optimal gear performance
3. Position fishing gear to optimise catch	3.1 Develop a fishing strategy that incorporates target species and environmental factors 3.2 Monitor position, concentration and movement of the target species, and environmental and other characteristics of area of operation, by visual and electronic means 3.3 Monitor and adjust positions of vessel and fishing device during deployment and retrieval to optimise catch and avoid hazards 3.4 Anticipate fishing device movement and alter its position to maintain desired position by changing vessel course and speed 3.5 Analyse catches to determine effectiveness and performance of fishing device

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
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Skill	Description
Reading	- Interprets gear plans - Reads and records data obtained from electronic detection equipment - Reads tide tables
Numeracy	- Estimates the time taken for the fishing gear to reach a feature identified by the echo sounder on the vessel - Reads and records data obtained from electronic detection equipment
Navigate the world of work	Takes responsibility for decisions about when and how to complete tasks and coordinate with others
Interact with others	Uses appropriate vocabulary, including technical language directly relevant to role

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIFSH304 Adjust and position fishing gear	SFIFISH310A Adjust and position fishing gear	Updated to meet Standards for Training Packages Minor amendments to performance criteria for clarity	Equivalent unit

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=e31d8c6b-1608-4d77-9f71-9ee749456273>

Assessment Requirements for SFIFSH304 Adjust and position fishing gear

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Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has maintained, adjusted and positioned fishing gear and vessel to optimise catch for at least one fishing operation, including:

- organising work area and appropriate fishing gear, personal protective equipment and related equipment for the fishing operation
- communicating task requirements to team members
- identifying fishing gear which is below optimal standards and making adjustments
- identifying viable stocks or determining productive grounds and water through visual observations and electronic sources, and making the appropriate adjustments to the position of fishing gear.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- fishing gear types and their application in differing fishing environments
- checks and maintenance requirements for fishing gear and equipment
- factors that determine optimal performance of fishing gear used in the workplace
- techniques used to rectify sub-optimal gear performance
- visual indications, electronic methods and other sources of information used to locate fishing grounds for target species
- environmental characteristics of area of target species
- fish behaviours affecting fishing gear adjustment and positioning.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:

- skills must be demonstrated in a fully operational fishing vessel or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - access to stocks of appropriate target species
 - fishing gear and related equipment
- specifications:
 - workplace procedures for fishing operations that include advice on health and safety and environmental requirements
 - vessel operating and safety procedures
- relationships:
 - evidence of interactions with team members.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

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