



Australian Government

SFIFSH305 Locate fishing grounds and stocks of fish

Release: 1

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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 position the fishing operation to locate concentrations of fish and fishing environments. It includes the ability to use electronic aids and sources of information to position the vessel and locate fishing grounds.

The unit applies to individuals who have responsibilities for locating suitable environments for fishing operations.

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.

Licensing and regulatory requirements apply to this unit. Users are required to check with the relevant maritime authority for requirements.

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. Position operation to optimise fishing opportunity	1.1 Determine accurate position of vessel using electronic or visual fixing methods according to workplace procedures 1.2 Use personal protective safety equipment and position vessel at selected location at appropriate time for fishing operations

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.3 Maintain vessel position within the range and level of exposure to prevailing and anticipated weather conditions appropriate to the vessel 1.4 Position vessel based on assessment of relevant environmental factors 1.5 Use vessel performance records and other sources of relevant information to aid decision making 1.6 Alter area of operation to optimise fishing opportunity in response to available information 1.7 Ensure vessel position complies with all relevant state, territory and federal regulations
2. Detect and identify fish concentrations and fishing environments	2.1 Operate electronic aids to optimise available information on fish concentrations 2.2 Interpret available indications to extract relevant information on fish concentrations 2.3 Determine size, density, position and movement of fish concentrations accurately within the limitations of available information 2.4 Determine relevant environmental factors accurately within the limitations of available information 2.5 Ensure selected fishing environment is appropriate to target species and fishing gear

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
Reading	Keeps and reviews records
Numeracy	- Accesses and interprets information, graphs and tables showing abundance - Calculates time, speed and distance
Interact with others	Selects and uses appropriate vocabulary, conventions and

Skill	Description
	protocols, including technical language to communicate with crew members
Get the work done	- Operates and maintains electronic aids and communication technology - Manages risks around the safe selection of fishing area, grounds and stocks

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
SFIFSH305 Locate fishing grounds and stocks of fish	SFIFISH401C Locate fishing grounds and stocks of fish	Updated to meet Standards for Training Packages Minor changes to elements and 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>