

Modification history

Release	Comments
Release 1	This version released with SFI Seafood Industry Training Package Version 1.0.
SFIFSH207	Maintain, prepare, deploy and retrieve beach seines, mesh nets or gill nets to land catch
Application	<p>This unit of competency describes the skills and knowledge required to maintain and prepare beach seining, mesh or gill netting gear ready for deployment and retrieving the gear to the vessel. It includes the ability to maintain equipment, connect and configure components, use machinery and equipment to deploy and retrieve seines or nets and undertake initial seafood handling specific to beach seining or gill netting operations.</p> <p>The unit applies to individuals who work as deckhands on vessels and undertake routine beach seines, mash nets or gill nets fishing operations under the direction of a supervisor.</p> <p>All work must be carried out to comply with workplace procedures, according to state/territory health and safety, food safety, biosecurity and environmental regulations, legislation and standards that apply to the workplace.</p> <p>No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
Prerequisite Unit	Nil
Unit Sector	Fishing Operations (FSH)

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. Maintain beach seines, mesh or gill nets ready for deployment	1.1 Check beach seines, mesh nets or gill nets against vessel maintenance plan and supervisor instructions 1.2 Identify beach seine, mesh net or gill net components which are worn or damaged and lack security or symmetry and recondition or replace 1.3 Order replacement beach seine, mesh net or gill net components as required 1.4 Dispose of defective beach seine, mesh net or gill net components according to workplace and environmental requirements
2. Deploy beach seines, mesh or gill nets to ensure operating efficiency, low environmental impact and minimal interaction with by-catch	2.1 Connect beach seine, mesh net or gill net components in the configuration according to fishing method and supervisor instructions 2.2 Use machinery to deploy the beach seines, mesh nets or gill nets from the vessel according to supervisor instructions and vessel operating and safety procedures 2.3 Deploy beach seines, mesh nets or gill nets ensuring they are not twisted and are in a pattern required by the fishing operation 2.4 Deploy devices and systems to minimise environmental impact and interaction with by-catch 2.5 Clean beach seine, mesh net or gill net storage area according to workplace, health and safety and hygiene requirements
3. Retrieve the beach seine, mesh or gill net	3.1 Attach beach seines, mesh nets or gill nets to winches or haulers and retrieve to maximise catch according to supervisor instructions 3.2 Land and remove catch from beach seines, mesh nets or gill nets to maximise seafood quality 3.3 Disconnect and stow beach seines, mesh nets or gill nets ensuring ease of deployment, crew safety and a safe working area

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
4. Land, contain and sort catch	4.1 Prepare containment devices to receive the catch according to supervisor instructions 4.2 Load catch safely into containment devices 4.3 Handle and sort seafood according to food safety and hygiene requirements 4.3 Sort catch to maximise by-catch survival and seafood quality

Foundation Skills	
<i>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.</i>	
Skill	Description
Numeracy	<ul style="list-style-type: none"> Measure length or diameter of catch
Reading	<ul style="list-style-type: none"> Read sizes of connecting gear
Navigate the world of work	<ul style="list-style-type: none"> Understand main tasks, responsibilities and boundaries of own role, including use of personal protective clothing and equipment, quality requirements and operating procedures
Interact with others	<ul style="list-style-type: none"> Select and use appropriate terminology when communicating with crew, skipper and others Cooperate with other crew to carry out activities, respond to workplace health and safety hazards and operational maintenance requirements
Get the work done	<ul style="list-style-type: none"> Make routine decisions to correct simple and familiar problems

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
SFIFSH207 Maintain, prepare, deploy and retrieve beach seines, mesh nets or gill nets to land catch	SFIFSH207C Maintain, prepare, deploy and retrieve beach seines, mesh nets or gill nets to land catch	Updated to meet Standards for Training Packages	Equivalent unit

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

TITLE	Assessment requirements for SFIFSH207 Maintain, prepare, deploy and retrieve beach seines, mesh nets or gill nets to land catch
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Performance Evidence

An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has undertaken beach seines, mesh or gill nets fishing operations on at least one occasion including:

- maintaining and preparing beach seines, mesh or gill netting gear ready for deployment
- deploying and retrieving gear components
- stowing safely in readiness for future deployment
- loading and containing the catch
- handling and sorting seafood according to food safety and hygiene and food quality requirements.

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:

- basic operating principle of the beach seines, mesh or gill net fishing gear
- factors that make beach seines, mesh or gill net components effective or defective
- order in which beach seines, mesh or gill net fishing gear components are connected and disconnected
- environmental impacts and resource protection relevant to beach seines, mesh or gill net fishing operations
- principles that contribute to vessel stability
- food safety and hygiene requirements for handling and sorting seafood catch
- health and safety requirements for pot and trap fishing operations.

Assessment Conditions

Assessment of this unit of competency 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:
 - beach seining, mesh or gill netting gear
 - catch suitable for sorting
 - materials and tools/equipment for reconditioning beach seines, mesh nets or gill nets
- specifications:
 - beach seines, mesh or gill nets fishing operations instructions
 - workplace procedures for beach seine, mesh or gill net fishing operations that includes advice on food safety, health and safety, quality and environmental requirements
 - vessel operating and safety procedures
- relationships:
 - interactions with supervisor.

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

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