Modification history

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

| SFIFSH203  | Maintain, prepare, deploy and retrieve trawls to land catch |
| --- | --- |
| Application | This unit of competency describes the skills and knowledge required to maintain and prepare demersal or mid-water fish or prawn trawls ready for deployment and retrieving the gear to the vessel. Its includes the ability to check equipment, connect and configure components, use machinery and equipment to deploy and retrieve trawls, load catch and undertake initial seafood handling specific to trawling operations.This unit applies to individuals who work as deckhands on a fishing trawler and undertake routine trawl fishing operations under the direction of a supervisor.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.No occupational licensing, legislative or certification requirements apply to this unit at the time of publication. |
| Prerequisite Unit | Nil  |
| Unit Sector | Fishing Operations (FSH) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Maintain trawls ready for deployment | 1.1 Check trawl against the vessel maintenance plan and supervisor instructions1.2 Identify defective trawl components and either recondition or replace1.3 Order replacement components as required1.4 Dispose of defective trawl components according to workplace and environmental requirements |
| 2. Deploy trawls | 2.1 Connect trawl components in the configuration according to fishing method and supervisor instructions2.2 Use machinery to deploy the trawls from the vessel according to supervisor instructions2.3 Deploy trawl ensuring it is not twisted or fouled2.4 Deploy devices and systems ensuring operating efficiency and environmental impact and interaction with by-catch are minimised2.5 Clean trawl storage area according to workplace and health and safety requirements |
| 3. Retrieve trawls | 3.1 Guide trawls onto winches according to supervisor instructions3.2 Haul ropes using capstans and Gilson winches according to supervisor instructions3.3 Control, empty and retie cod ends according to supervisor instructions 3.4 Disconnect and stow trawl ensuring ease of deployment, crew safety and safe working area |
| 4. Land, contain and sort the catch | 4.1 Prepare containment devices to receive the catch according to supervisor instructions4.2 Load catch safely into containment devices4.3 Handle and sort seafood according to food safety and hygiene requirements4.4 Sort catch to maximise by-catch survival and seafood quality |

| Foundation SkillsThis 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 |
| Numeracy | * Measure length or diameter of catch
 |
| Reading | * Read sizes of connecting gear
 |
| Navigate the world of work | * 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 | * Select and use appropriate terminology when communicating with crew, skipper and others
* Cooperate with other crew to carry out activities, respond to health and safety hazards and operational maintenance requirements
 |
| Get the work done | * 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 |
| SFIFSH203 Maintain, prepare, deploy and retrieve trawls to land catch | SFIFISH203C Maintain, prepare, deploy and retrieve trawls 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 SFIFSH203 Maintain, prepare, deploy and retrieve trawls to land catch |
| --- | --- |
| 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 trawl fishing operations on at least one occasion including:* maintaining and preparing demersal or mid-water fish or prawn trawling gear ready for deployment
* deploying and retrieving trawl gear components
* stowing trawl safely in readiness for future deployment
* loading and containing the catch
* handling and sorting seafood according 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 trawl fishing gear
* factors that make trawl components effective or defective
* order in which trawl gear components are connected and disconnected
* environmental impacts and resource protection relevant to trawl fishing operations
* principles that contribute to vessel stability
* food safety and hygiene requirements for handing and sorting seafood catch
* health and safety requirements for trawl 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 fish or prawn trawler or an environment that accurately represents workplace conditions
* resources, equipment and materials:
* fishing trawls and related equipment and machinery
* catch suitable for sorting
* specifications:
* trawl fishing operations specific instructions
* workplace procedures for trawl fishing operations that includes advice on food safety, health and safety, quality and environmental requirements
* 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. |

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