Modification history

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

| SFIFSH402 | Manage and control fishing operations |
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| Application | This unit of competency describes the skills and knowledge required to manage the crew and vessel during fishing operations. It requires the ability to acquire crew, coordinate fishing activities, ensure vessel safety, control vessel speed and position and use vessel reporting and monitoring systems to ensure compliance with fisheries regulations.  This unit applies to individuals who are responsible for managing crew and vessel during 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.  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. Manage crew during fishing operations | 1.1 Marshall sufficient qualified and competent crew members at the worksite before starting operations  1.2 Ensure crew members are fully informed by clear, timely and accurate communication, of their responsibilities during fishing operations  1.3 Coordinate activities into a sequence that ensures safe and efficient operation  1.4 Identify and rectify unsafe, environmentally hazardous or inefficient practices  1.5 Recognise abnormal situations and instruct crew promptly and clearly to minimise the danger to crew and vessel and the disruption to operations |
| 2. Control the vessel during fishing operations | 2.1 Maintain safety of the vessel and crew during fishing operations  2.2 Orient vessel according to fishing operations, wind, aquatic environmental conditions and current to maximise safety  2.3 Position fishing operation to minimise interference with others  2.4 Control vessel speed according to fishing operations and prevailing weather and aquatic environmental conditions to maximise safety  2.5 Minimise effects of abnormal situations on crew, environment and vessel safety, and disruption to operations  2.6 Maximise vessel stability during all stages of the fishing operation |
| 3. Monitor compliance with regulations during fishing operations | 3.1 Direct crew to comply with all relevant regulations  3.2 Use catch reporting systems according to fisheries regulations  3.3 Use vessel monitoring systems according to fisheries regulations |

| 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. | |
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| Skill | Description |
| Reading | * Interpret fisheries regulations |
| Writing | * Provide written instructions |
| Numeracy | * Interpret gear and vessel identification numbers |
| Interact with others | * Select and use appropriate vocabulary, conventions and protocols, including technical language to communicate with crew members * Use active listening, observational and questioning techniques to confirm and clarify information |
| Get the work done | * Make and review critical and non-critical decisions regarding vessel control, crew management and compliance requirements * Operate and maintain electronic aids, communication technology and on board systems * Respond to and manage risks around the safety of vessel and crew |

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| Unit Mapping Information | | | |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| SFIFSH302 Manage and control fishing operations | SFIFISH402C Manage and control fishing operations | Updated to meet Standards for Training Packages  Minor amendment to element for clarity | Equivalent unit |

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| 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 SFIFSH402 Manage and control fishing operations |
| --- | --- |
| 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 managed and controlled safe and compliant fishing operations on at least one occasion including:   * managing the crew and vessel during fishing operations * conducting safe and efficient fishing operations under varying conditions and situations * use catch reporting and vessel monitoring systems in line with relevant regulations. | |

| Knowledge Evidence |
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| 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:   * communication systems, including hand signals used in fishing operations * crew numbers required for safe fishing operations * dimensions and likely movement of other encountered fishing operations * effects of loading on vessel stability * effects of vessel orientation on vessel movement and stability * safe work practices relevant to fishing operations * techniques and procedures for dealing with abnormal operating conditions * vessel speed requirements for fishing operations and safety * fisheries and other regulations relevant to fishing operations * operating principles of gear common to the operational area. |

| Assessment Conditions |
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| Assessment of this unit of competency must take place under the following conditions:   * physical conditions: * skills must be demonstrated in a fishing operations environment or an environment that accurately represents workplace conditions * resources, equipment and materials: * fully operational fishing vessel * reporting and monitoring systems * specifications: * workplace procedures for fishing operations * access to fisheries and other relevant regulations * relationships: * interactions with crew members.   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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