

Modification history

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

SFIOBS301	Monitor and record fishing operations
Application	<p>This unit of competency describes the skills and knowledge required to validate logbook data on fishing operations and collect other scientific information for research and resource management purposes. It requires the ability to plan work around commercial fishing activities, carry out onboard compliance activities, record observations and conduct on-shore reporting.</p> <p>This unit applies to observers who are placed onboard designated fishing vessels by an authority, to monitor and record fishing operations for research purposes.</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	Fisheries Observer (OBS)

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. Plan onboard work activities	1.1 Identify and divide work activities into achievable components and efficient sequences 1.2 Plan timing of activities to suit fishing operations, conditions and crew routines 1.3 Modify tasks and priorities to suit changed circumstances or requests from skipper and crew 1.4 Log completion of activities to confirm outputs 1.5 Seek cooperation and engagement of vessel crew by explaining purpose and procedures for information collection
2. Conduct onboard observations of fishing operations	2.1 Verify vessel compliance with conditions of fishing permits and agreements 2.2 Check accuracy and validity of vessel logbook records 2.3 Follow observation protocols and plans under a range of work conditions 2.4 Estimate, measure and sample catches 2.5 Exercise judgement to detect unusual or irregular events onboard the vessel and when suggesting possible causes and effects 2.6 Follow all onboard safety procedures 2.7 Maintain cooperative relationships with skipper and crew to enhance value of information obtained
3. Record and report observations	3.1 Record observations in the required format 3.2 Maintain regular radio or telephone communication with shore personnel according to requirements 3.3 Conduct onshore reporting and post-fishing debriefing sessions as required

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"> estimate catch and effort measure biological features of species and environmental conditions sample of catch and other relevant variables
Reading	<ul style="list-style-type: none"> check logbooks, permits and related documentation
Writing	<ul style="list-style-type: none"> record information related to fishing operations and production
Navigate the world of work	<ul style="list-style-type: none"> interpret and follow regulatory requirements and seek clarification or other assistance when required
Interact with others	<ul style="list-style-type: none"> use appropriate vocabulary, conventions and protocols, including technical language relevant to maintain effective communication with vessel master and crew
Get the work done	<ul style="list-style-type: none"> use two-way communication devices and telephones make and review critical and non-critical decisions regarding observations

Unit Mapping Information			
Code and title current version	Code and title previous version	Comments	Equivalence status
SFIOBS301 Monitor and record fishing operations	SFIOBSV301B Monitor and record fishing operations	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 SFIOBS301 Monitor and record fishing operations
Performance Evidence	
<p>An individual demonstrating competency must satisfy all the elements and performance criteria of this unit. There must be evidence that the individual has planned and conducted monitoring activities for at least one fishing operation, including:</p> <ul style="list-style-type: none"> • engaging vessel crew in cooperating with the collection and interpretation of information • estimating, measuring and sampling and recording fishing operations and production • identifying unusual or irregular events and suggesting possible causes and effects that may have implications for fisheries research and management • recording, reporting and debriefing on fishing activity, catch, effort and other relevant information according to set protocols and plans. 	
Knowledge Evidence	
<p>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:</p> <ul style="list-style-type: none"> • basic environmental management legislation, regulations and codes of practice relevant to the specific sector within the seafood industry • commercial fisheries and unique aspects relevant to the fishery, sector or geographic area • data collection, measurement and sampling methodologies • fisheries management methodologies and associated data requirements • fisheries research methodologies and the application of scientific data • radio and telephone communication systems at sea • relationship of observation activities to fisheries management processes • species, product, work regime and typical equipment used. 	
Assessment Conditions	
<p>Assessment of this unit of competency must take place under the following conditions:</p> <ul style="list-style-type: none"> • physical conditions: <ul style="list-style-type: none"> • skills must be demonstrated in a fishing operation monitoring setting or an environment that accurately represents workplace conditions • resources, equipment and materials: <ul style="list-style-type: none"> • relevant documentation • data collection plans and recording forms • equipment and materials for checking operations and product • specifications: <ul style="list-style-type: none"> • access to legislation and regulations relevant to fishing operation monitoring activities • workplace procedures for conducting observations. • relationships: <ul style="list-style-type: none"> • interactions with skipper and vessel crew. <p>Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.</p>	
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