

PIRFO Draft Competency Standards

PIRFO 3 - 2.04	Collect data from a longline vessel as a fisheries observer working in a Port Sampling Program
<p>Prerequisites:</p> <p>Descriptor</p> <p>This module requires candidates to demonstrate an ability to meet with company or vessel representatives and fisheries officers to discuss access to fishing vessel logsheets and form a strategy for sampling catch unloaded from a longline vessel. Candidates are required to recognize the difference between random and non-random sampling techniques, and implement these techniques as appropriate in line with established protocols and procedures.</p> <p>The templates on which this information and data is recorded may vary according to the directives of national or regional fisheries agencies.</p> <p>Currently (2009) the template is identified as SPC/FFA Longline Port Sampling Form.</p>	
Competency Element	Performance Criteria
1. Form a strategy to sample catch unloaded from a longline vessel to meet the requirements of established procedures and protocols	<p>1.1 Understand the appropriate situations for using random and non-random sampling techniques.</p> <p>1.2 Understand the importance of gaining the cooperation of vessel officers, unloading crew and the winch master when implementing the selected sampling strategy for the vessel.</p>
2. Outline the type of information gathered by fisheries observers when carrying out port sampling duties on a purse seine or pole and line vessel	<p>2.1 Information includes but is not limited to:</p> <ul style="list-style-type: none"> Port details Vessel details Trip details Sampling team details Fishing area details Sampling strategy Export codes Group species codes Species codes Other species length codes Billfish length codes Species weight data Country codes
3. Record port sampling information from longline fishing operations in accordance with the protocols and procedures	<p>3.1 The information and data is entered in port sampling templates provided to the level of accuracy specified by the regional agencies responsible for observer training</p>

PIRFO 3 - 2.04 Evidence and Assessment Guide

<p>Context and Method of assessment</p> <p>Assessment is to be conducted at the workplace or in a simulated workplace environment. The following assessment methods are suggested:</p> <ul style="list-style-type: none"> • written or oral short answer testing • practical exercises • observation of practical demonstration. <p>Resources for assessment may include:</p> <ul style="list-style-type: none"> • Port sampling protocols • Port sampling data sheets 	
<p>Underpinning Knowledge</p> <p>This unit requires candidates to be familiar with the criteria that direct the choice of wells to be sampled, and the correct application of random and non-random sampling techniques as appropriate to the goals of national and regional port sampling protocols.</p>	
Competency Element	Evidence Guide
<p>1. Form a strategy to sample catch unloaded from a longline vessel to meet the requirements of established procedures and protocols</p>	<p>1.1 Candidates select a random or non-random sampling technique as an appropriate response to the situation encountered.</p> <p>1.2 Candidates outline how to negotiate the cooperation of vessel officers, unloading crew and the winch master when implementing the selected sampling strategy for the vessel.</p>
<p>2. Outline the type of information gathered by fisheries observers when carrying out port sampling duties on a longline vessel</p>	<p>2.1 In a simulated or field test situation, candidates identify the common sources for the information that is required and are capable of using a mix of interview, inspection, measurement and observation to gather the information and data required to complete the templates.</p>
<p>3. Record port sampling information from longline fishing operations in accordance with the protocols and procedures</p>	<p>3.1 In a simulated or field test situation, Candidates should be able enter the information and data at the level of accuracy specified for each template by the regional agency responsible for the observer training.</p> <p>Currently (2009) the template is identified as SPC/FFA Longline Port Sampling Form.</p>

<p>Practical skills</p> <p>The essential skills needed include:</p> <ul style="list-style-type: none"> • The ability to collect data and information needed for each template and accurately record it • The ability to plan and work so that the data and information is collected without interruption to unloading operations

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Literacy and numeracy skills:

- Interpretation of templates and instructions for completing them
- Collection of data and information from vessel records and documentation
- Accurate completion of the forms
- Calculation

Critical aspects of evidence

Assessment must confirm the ability to:

Allocate catch to time and area strata through use of vessel logsheets and communication skills. Complete the template specified. Currently (2009) the template is identified as SPC/FFA Longline Port Sampling Form.