

**PIRFO Draft Competency Standards**

<b>PIRFO 3 - 2.03</b>	<b>Collect data from a purse seine or pole and line vessel as a fisheries observer working in a Port Sampling Program</b>
<p><b>Prerequisites:</b></p> <p><b>Descriptor</b></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 purse seine or pole and line 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 templates are identified as SPC/FFA Pole-and-Line Port Sampling Form and SPC/FFA Purse Seine Port Sampling Form.</p>	
<b>Learning Outcome</b>	<b>Performance Criteria</b>
<p><b>1. Form a strategy to sample catch unloaded from a purse seine or pole and line vessel to meet the requirements of established procedures and protocols</b></p>	<p>1.1 Use vessel logsheets and interview officers to select suitable wells to sample from.</p> <p>1.2 Understand the appropriate situations for using random and non-random sampling techniques.</p> <p>1.3 Understand the importance of gaining the cooperation of vessel officers, unloading crew and the winchmaster when implementing the selected sampling strategy for the vessel.</p>
<p><b>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</b></p>	<p>2.1 Information includes but is not limited to:</p> <ul style="list-style-type: none"> <li>Port details</li> <li>Vessel details</li> <li>Trip details</li> <li>Fishing set details</li> <li>Fishing area details</li> <li>Sampling strategy</li> <li>Well details</li> <li>School association codes</li> <li>Species length data</li> <li>Sorting of catch</li> <li>Species weight data</li> <li>Size classes</li> </ul>
<p><b>3. Record port sampling information from purse seine or pole and line fishing operations in accordance with the protocols and procedures</b></p>	<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 - 2.03 Evidence and Assessment Guide**

<p><b>Context and Method of assessment</b></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"> <li>• written or oral short answer testing</li> <li>• practical exercises</li> <li>• observation of practical demonstration.</li> </ul> <p>Resources for assessment may include:</p> <ul style="list-style-type: none"> <li>• Port sampling protocols</li> <li>• Port sampling data sheets</li> </ul>	
<p><b>Underpinning Knowledge</b></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>	
<b>Competency Element</b>	<b>Evidence Guide</b>
<p><b>1. Form a strategy to sample catch unloaded from a purse seine or pole and line vessel to meet the requirements of established procedures and protocols</b></p>	<p>1.1 In a simulated or field test situation, candidates are able to form a strategy to sample the catch based on interview of vessel officers and inspection of vessel logsheets to determine the wells selected. The selection criteria are in line with the directives of the national and regional agencies</p> <p>1.2 Candidates select a random or non-random sampling technique as an appropriate response to the situation encountered.</p> <p>1.3 Candidates outline how to negotiate the cooperation of vessel officers, unloading crew and the winchmaster when implementing the selected sampling strategy for the vessel.</p>
<p><b>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</b></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><b>3. Record port sampling information from purse seine or pole and line fishing operations in accordance with the protocols and procedures</b></p>	<p>3.1 In a simulated or field test situation, Candidates should be able to 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 templates are identified as SPC/FFA Pole-and-Line Port Sampling Form and SPC/FFA Purse Seine Port Sampling Form</p>

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### **Practical skills**

The essential skills needed include:

- 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

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:

Determine the wells to be sampled and the sampling techniques to be used for best result. Complete the template specified. Currently (2009) the templates are identified as SPC/FFA Pole-and-Line Port Sampling Form and SPC/FFA Purse Seine Port Sampling Form.