

## PIRFO Draft Competency Standards

<b>PIRFO 3 – 7.01</b>	<b>Demonstrate the knowledge and skills needed to accurately record fisheries observer information from longline fishing operations</b>
<p><b>Prerequisites:</b></p> <p><b>Descriptor</b></p> <p>The standard requires a candidate to demonstrate the knowledge and skills needed to accurately record information gathered from longline fishing operations. This includes vessel details and characteristics; setting and hauling information; details of catch and bycatch from fishing sets; sightings and interactions with other vessels; and pollution events.</p> <p>The protocols and templates in 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 LL 1; LL 2/3; and LL 4;</p> <p><b>Note: Candidates are not judged competent in this module until such time their Observer Certificate of Competency has been endorsed accordingly by the relevant National Observer Coordinator or approved delegated authority.</b></p>	
<b>Competency Element</b>	<b>Performance Criteria</b>
<p><b>1. Outline the type of information gathered by fisheries observers during longline fishing operations</b></p>	<p>1.1 Information includes but is not limited to:</p> <ul style="list-style-type: none"> <li>Time and date</li> <li>Vessel fish gear details</li> <li>Vessel crew details</li> <li>Vessel safety equipment details</li> <li>EEZ codes</li> <li>Position</li> <li>Observer trip details</li> <li>Nature of fishing vessel electronic equipment</li> <li>Nature of communications equipment</li> <li>Vessel set and haul information</li> <li>Vessel trip monitoring records</li> <li>Fishing trip and set summaries</li> <li>Catch statistics and catch fate</li> <li>Species codes</li> <li>Fish weight codes</li> <li>Fish length codes</li> <li>Fish well fill codes</li> <li>Fish sex codes</li> <li>Fish tag recovery forms</li> <li>Details of catch retained or discarded</li> <li>Details of bycatch species retained or discarded</li> <li>Details of species of interest –sightings, interaction, catch and tag details</li> <li>Details of bunkering and transfer or dumping of fish</li> </ul>
<p><b>2. Outline the processes used to gather fisheries observer information from longline fishing operations</b></p>	<p>2.1 The information is gathered by:</p> <ul style="list-style-type: none"> <li>Professional observation and estimate</li> <li>Inspection of vessel electronics</li> <li>Inspection of vessel records and certificates</li> <li>Inspection of vessels catch log</li> <li>Interview of crew and officers</li> </ul>

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<b>3. Record information from longline fishing operations in accordance with the protocols and formats provided by national and regional fisheries agencies</b>	3.1 The information and data is entered in longline observer templates to the level of accuracy specified by the regional agencies responsible for observer training
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### PIRFO 3 – 7.01 Evidence and Assessment Guide

<p><b>Context and Method of assessment</b></p> <p>Assessment is to be conducted in a simulated workplace environment and must include the use of simulated fishing trip information and data. The candidate is required to gather, interpret and enter the information on the appropriate forms with a minimum verified accuracy of 75%.</p> <p>Assessment must be completed in accordance with the protocols and templates currently provided by regional agencies for a fisheries observer reporting on longline fishing operations.</p> <p>Candidates should be made familiar with all the protocols and templates in classroom demonstrations and practical demonstrations before they are assessed. Resources for assessment include:</p> <ul style="list-style-type: none"> <li>• All the required data templates together with supporting guidelines for completion. Currently (2009) the templates are identified as LL 1; LL 2/3; and LL 4;</li> <li>• At least 3 realistic written simulations of credible longline fishing scenarios</li> <li>• Species codes and identification resources</li> </ul>	
<p><b>Underpinning knowledge</b></p> <p>This includes:</p> <ul style="list-style-type: none"> <li>• Knowledge of general procedures in longline fishing operations</li> <li>• An understanding of the information needed for each of the forms used</li> <li>• An awareness of the sources of information that is required to complete the forms</li> <li>• An appreciation of the potential sensitivity of information that is collected</li> <li>• A clear grasp of the importance of accuracy in all aspects of collecting and documenting the data</li> </ul>	
<b>Competency Element</b>	<b>Evidence Guide</b>
<b>1. Outline the type of information gathered by fisheries observers during longline fishing operations</b>	Candidates use the guidelines associated with each of the forms to establish the nature and format of the data required for completion
<b>2. Outline the processes used to gather fisheries observer information from longline fishing operations</b>	Candidates identify the common sources for the information that is required and are capable of using a mix of interview, inspection, estimate and observation to gather the information and data required to complete the forms.

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<b>3. Record information from longline fishing operations in accordance with the protocols and formats provided by national and regional fisheries agencies</b>	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. This may vary between different templates, but in any event a minimum level of accuracy of not less than 75% will be required.  Currently (2009) the templates are identified as LL 1; LL 2/3 ;and LL 4
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### Practical skills

The essential skills needed include:

- The ability to collect data and information needed for each form and accurately record it
- The ability to plan and work so that the data and information is collected without interruption to fishing operations
- Literacy and numeracy skills:
- Interpretation of forms and instructions for completing them
- Collection of data and information from vessel records and documentation
- Accurate completion of the templates
- Calculation

### Critical aspects of evidence

Assessment must confirm the ability to:

- Locate and format the data and information needed to complete each template associated with longline operations
- Complete each template specified for a longline observer with a level of accuracy of no less than 75%

Assessment must confirm knowledge of:

- Common longline operational scenarios
- The sources of information and data available for the observer that apply during both fishing and general operations