

## **PIRFLM4.12C – Apply knowledge of fisheries management to observer programme activities**

### **Functional area**

PIRFO Frontline Management

### **Prerequisites**

While prerequisites are at the discretion of the SPC and FFA PIRFO programme coordinators and the management of the various fisheries agencies it would be expected that candidates would have either observer and/or debriefer experience and qualifications, fisheries experience at sea/in a fisheries division, exposure to monitoring, control and surveillance activities or management experience or a combination of these.

### **Descriptor**

This unit describes the performance outcomes, skills and knowledge required to apply fisheries management principles to PIRFO program activities and ensure that observer activities adhere to relevant legislation, regulations and treaties so as to meet organisational and statutory requirements and support for the management of fish stocks through sampling and identifying IUU fishing is effectively carried out.

### **Elements**

### **Performance criteria**

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| <b>1. Understand general fisheries management principles used in the WCPO and establish the tools relevant to PIRFO operations</b> | 1.1 Understand general fisheries management principles that apply to the WCPO<br>1.2 Apply appropriate fisheries management tools to PIRFO operations  |
| <b>2. Maintain currency with relevant legislation, regulations, treaties and publications that relate to PIRFO operations</b>      | 2.1 Source, interpret and apply information about WCPO fisheries regulations to PIRFO operations<br>2.2 Understand the consequences of non-compliance with regulations within the scope of PIRFO operations<br>2.3 Track and interpret change to fisheries regulations to ensure efficient PIRFO operations<br>2.4 Implement change to PIRFO operations to meet changing regulations   |
| <b>3. Ensure PIRFO activities achieve WCPO fisheries management goals</b>  | 3.1 Apply PIRFO collection protocols to facilitate provision of scientific data to serve WCPO fisheries management<br>3.2 Apply PIRFO collection protocols to facilitate provision of compliance related data for fisheries management<br>3.3 Apply quality-control and dissemination processes to ensure PIRFO data and other products meet WCPO fisheries management needs<br>3.4 Ensure PIRFO staff competency to implement standards is maintained |

## **Evidence guide**

Each unit of competency has an evidence guide that relates directly to the performance criteria. Its purpose is to guide assessment of the unit in the workplace and/or training program. The following components provide information to assist this purpose.

### **Required knowledge**

The essential knowledge and understanding a person needs to perform work to the required standard include:

- PIRFO processes and protocols
- Monitoring, control & surveillance (MCS) activities undertaken in the WCPO
- Relevant national, regional and international fisheries legislation, regulations and agreements pertaining to PIRFO activities in the WCPO
- Sampling methodology undertaken by observers for regional organisations such as SPC.

### **Required skills**

The essential skills a person needs to perform work to the required standard include:

- Facilitating and assisting in delivering training for observers and debriefers
- Identifying non-compliant and IUU fishing activities in the WCPO
- Identifying and facilitating relevant sampling methods with regional scientific personnel
- Managing collection and correct dissemination of sampling undertaken by observers
- Communicating skills.

Literacy skills used for:

- Interpreting relevant national, regional and international fisheries legislation, regulations and agreements
- Reading and disseminating PIRFO processes and protocols

Numeracy skills used for:

- Sampling processes

### **Critical aspects of competence**

Assessment must confirm the ability to:

- Apply knowledge of fisheries management when managing and coordinating PIRFO programs.

Assessment must confirm knowledge of:

- PIRFO processes & protocols
- Relevant national, regional and international fisheries legislation, regulations and agreements pertaining to PIRFO activities in the WCPO
- MCS activities in the WCPO fisheries
- Scientific sampling relevant to the WCPO fishery.

## **Context of assessment**

Ideally, assessment would be undertaken in the workplace during Frontline Management activities but practicalities are likely to prevent that taking place. Assessment should therefore be conducted so as to confirm that the candidate has a good knowledge of fisheries management relevant to an observer program in the WCPO fisheries and is able to apply that knowledge in managing or coordinating day-to-day observer program operations.

If possible, further feedback from the office where the participant is, or will be employed and scrutiny of fisheries management knowledge and application by the candidate when undertaking the management of PIRFO program operations should be analysed.

## **Method of assessment**

The following assessment methods are suggested:

- Direct questioning combined with review of portfolios of evidence and third party workplace reports of on-the-job management activities by the candidate
- Review of documentation such as work plans, reports and data gathering
- Role plays undertaking simulated management of PIRFO program operations
- Analysis of responses to case studies and scenarios
- Oral or written questioning to assess knowledge of fisheries management relevant to the PIRFO program operations

## **Interdependent assessment of units**

This unit will ideally be assessed in conjunction with other relevant units relating to Frontline Management operations.

## **Resources required for assessment**

Resources may include:

- National, regional and international fisheries legislation, regulations and agreements
- PIRFO policies & procedures documentation
- SPC sampling protocol documentation.