

PIRDEB4.02C – Apply knowledge of application of obtained data and information

Functional area

Debriefing operations

Prerequisites

Hold a PIRFO Fisheries Observer Certificate endorsed for one or more specific fishing methods, or have equivalent qualifications and experience as defined by the PIRFO Certification Management Committee and outlined in the PIRFO Debriefing Policy.

Descriptor

This unit of competency requires a demonstrated awareness by a debriefer of the importance and application of the data obtained from observer debriefing including a clear understanding of scientific, compliance and surveillance uses by national and regional agencies.

Elements

1. Demonstrate knowledge of the uses of observer data for scientific purposes by national and regional agencies

2. Demonstrate knowledge of the uses of observer data for monitoring and compliance purposes by national and regional agencies

3. Demonstrate knowledge of the uses of observer data for surveillance purposes by national and regional agencies

4. Identify the common errors made by observers when collecting data and explain their impact on data quality

Performance criteria

1.1 Describe the uses of the data obtained for scientific purposes by relevant national agencies

1.2 Describe the uses of the data obtained for scientific purposes by relevant regional agencies

2.1 Describe the uses of the data for monitoring and compliance purposes by relevant national agencies

2.2 Describe the uses of the data for monitoring and compliance purposes by relevant regional agencies

3.1 Describe the uses of the data for surveillance purposes by relevant national agencies

3.2 Describe the uses of the data for surveillance purposes by relevant regional agencies

4.1 The candidate is able to detail the common errors made by observers when gathering and entering data

4.2 The candidate is able to recognise the wider impact on data quality of observer errors when recording or entering data

- 5. Distinguish between incidents, critical incidents and infringements that may be discovered during the debriefing process and explain how to follow up**
- 5.1 The candidate is able to recognise incidents, critical incidents and infringements that may arise during an observer debriefing process
- 5.2 The candidate is able to prioritise response to incidents, critical incidents and infringements that do arise during an observer debriefing process
- 5.3 The candidate outlines the relevant processes to follow in the event of incidents, critical incidents and infringements as specified by the protocols established by the relevant national and regional agencies

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:

- A general knowledge of regional and national fisheries scientific agencies operating in the Pacific region and how the information collected by observers is used by those agencies
- A general knowledge of regional and national monitoring and compliance agencies operating in the Pacific region and how the information collected by observers is used by those agencies
- A general knowledge of regional and national surveillance agencies operating in the Pacific region and how the information collected by observers is used by those agencies
- A comprehensive understanding of common errors made by observers when gathering and entering data and how those errors can impact adversely on data quality
- A comprehensive understanding of the differences between incidents, critical incidents and infringements, how they are prioritised and the established processes to follow in each event

Required skills

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

- Identifying the common errors made by observers when recording and entering data by checking the appropriate data fields checking
- Correcting incorrect and incomplete data where possible using established procedures
- Providing feedback to the observer when errors are identified and explaining the correct procedures in a manner that the observer understands
- Explaining clearly the impact that incorrect information has on data quality
- Asking the correct questions to identify whether an incident is critical or not
- Cross checking the critical incident with journal and reports to validate that it is a critical incident
- Following correct procedures in reporting the incident if there is a critical incident

Literacy skills used for:

- Interpretation of debriefing protocols
- Collection of data and information
- Accurate completion of templates

Numeracy skills used for:

- Validating observer data
- Calculation

Critical aspects of competence

Assessment must confirm the ability to:

- Identify common errors made fisheries observers when gathering or recording data and correctly remedying those errors
- Identify the differences between incidents, critical incidents and infringements and following correct procedures to act on those events

Assessment must confirm the knowledge of:

- Pacific Island regional and national scientific, monitoring, compliance and surveillance fisheries agencies and how data is used by those agencies

Context of assessment

Assessment should be conducted at the workplace and is the final gathering of evidence arising from the candidate monitoring at least two observer debriefings and completing three observer debriefings under supervisions.

It may under some circumstances be undertaken in a simulated workplace environment.

Method of assessment

The following assessment methods are suggested:

- Observation of the candidate while conducting three observer debriefings
- Written or oral short answer questions to assess underpinning knowledge
- Examples of records, reports and other documentation completed by the candidate
- Practical exercises involving the observation of the candidate conducting simulated debriefings
- Third-party reports, including reports from observer program coordinators and observer programme trainers

Interdependent assessment of units

This unit can be assessed in conjunction with other units relating to debriefing of fisheries observers returned from a fishing trip to sea

Resources required for assessment

Resources may include:

- Debriefing protocols
- Debriefing data templates
- Feedback and evaluation templates
- Observer data templates, journals and Observer Trip Reports