# CCAMLR Scientific Observer Pot Vessel Cruise Report

|  |  |
| --- | --- |
| **Observer Name(s)** |  |
| **Vessel Name** |  |
| **CCAMLR Area/Subarea/Division (s)** |  |
| **Cruise Dates (boarding to disembarkation)** | From: to: |

The cruise report is for use by observers on board pot vessels. The report contains areas for summary cruise information, as well as for general commentary and feedback on each trip, particularly for details which are not captured in the Pot observer logbook. Observers are encouraged to attach photos and diagrams in this cruise report where appropriate to aid in descriptions, and the wording in italics provides guidance for the narrative sections. On completion please review this report and the electronic logbook to ensure that details between the two documents are consistent.

A completed cruise report is a confidential document that provides important feedback to the CCAMLR Secretariat, and is shared with the Commissioner of the vessel’s flag state. If issues of compliance are noted in the report they may be referred to at the annual Commission Compliance review meeting, therefore please provide clear wording when documenting any potential compliance issues in this report.

## TRIP SUMMARY

*Provide a brief outline of the work carried out, including any specific tasks such as extra sampling undertaken that are additional to those specified in the Scientific Observers Manual.*

## CRUISE INTERUPPTION DETAILS

*Only complete this second section if the vessel has made a short stop at a port and then continues fishing. This may have been because of a medical emergency etc.*

|  |  |
| --- | --- |
| First section of the cruise: | Second section of the cruise: |
| Port of departure |  | Port of departure |  |
| Date of departure |  | Date of departure |  |
| Arrival on fishing grounds |  | Arrival on fishing grounds |  |
| Start fishing |  | Start fishing |  |
| End fishing |  | End fishing |  |
| Depart fishing grounds |  | Depart fishing grounds |  |
| Port of return |  | Port of return |  |
| Date of return |  | Date of return |  |

## FISHING OPERATIONS

### Operations and Gear

*Indicate in the table the fishing strategy adopted or provide a brief description in the comments section if none of the options apply. Compare the vessel’s fishing gear with the gear described in the CCAMLR vessel notification details (*[*https://www.ccamlr.org/en/compliance/list-authorised-vessels*](https://www.ccamlr.org/en/compliance/list-authorised-vessels)*) and provide details in the comments section if they differ, or if any non- standard gear is deployed by the vessel . Describe any methods used to minimise non-target fish by-catch.*

|  |  |
| --- | --- |
| Fishing Method | Method Used (Y/N) |
| Previous established fishing grounds and/ or historical knowledge from fishing master |  |
| Test lines laid to establish favourable areas |  |
| Shared information from other vessels |  |
| Grounds selected to avoid marine mammal depredation |  |
| Fishing area determined by survey requirements |  |

Comments:

### Pot Details

*Provide details on the types of pots used on your cruise to supplement the data metrics provided in your logbook. Ideally attach photos of the pots to aid in your descriptions.*

Comments:

### Lost Fishing Gear

*Provide details of lost fishing gear, such as length of line lost, floats, bobbins etc.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gear Type | Date | Latitude | Longitude | Comments (e.g. length of line, number of pots)  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## CATCH DETAILS (all species)

*Only include an estimate of green weight for the major product. In the comments section describe the method used for calculating the total green weight and processed weight, indicate if they were observer or crew derived figures.*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Species | Area | Number | Producttype | Total processedweight(kg) | Calculatedgreen weight(kg) | Average dailygreen weightcatch(kg) |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Comments:

### Processing Details:

*Provide a summary of conversion factors used by the vessel and your calculated values for the appropriate period(s). Provide a description of how the factors were calculated in the comments section. If you have recorded the processing grades in the observer logbook, please provide an explanation of the grades used here.*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Species | Processing Code | Vessel used Conversion Factor | Observer Calculated Conversion Factor | Comments (dates used etc.) |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Comments:

## BIOLOGICAL DATA SUMMARY

### Biological Samples Retained

*List all the types of samples collected and the location where they are to be stored.*

|  |  |  |
| --- | --- | --- |
| Sample Type / Species | Number of Samples Collected | Contact Name and Address of where the Samples are to be Stored |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### Biological Subsampling Methodology

*Provide a brief description of any non CCAMLR SISO sub-sampling tasks undertaken during the cruise.*

### Tagging

*Provide a short summary of tagging procedures including details on the methods for landing and storing tagged fish, condition and availability of fish for tagging and any problems encountered*. *If tagged fish were recaptured please attach the tag recapture photos in this section.*

##  SEABIRD INTERACTIONS WITH VESSEL

### Mitigation Devices – Streamer Line Details

*Please answer all questions. Provide a description in the comments section on the towed attachment used at the end of the streamer line and whether this was effective in maintaining the line immediately astern of the attachment point. Also provide details on any issues the crew encountered deploying and maintaining the streamer line(s).*

|  |  |
| --- | --- |
| Was a streamer line used during setting of the pot line? |  |
| Did the streamer line meet the minimum CCAMLR specifications? |  |
| Was there a spare line or the ability to make a spare streamer line? |  |
| How many streamer lines were regularly used? |  |
| Did all streamers reach the sea surface in the absence of wind and swell ? |  |

Comments:

### Mitigation Devices - Pot line hauling point bird scaring device

*If a hauling point bird scaring device was deployed please fill in the details below. In the comments section please provide brief details on the design and its effectiveness and attach photos.*

|  |  |
| --- | --- |
| Fire hose/water stream |  |
| Single boom with single attached object/streamer |  |
| Single boom with multiple attached objects/streamers |  |
| Multiple booms and attached objects |  |
| Other (describe) |  |

Comments:

### Offal Management

*Please answer all questions.*

|  |  |
| --- | --- |
| Was the vessel configured to discharge offal on the opposite side to where the gear was hauled? |  |
| On what percentage of sets did offal discarding take place during setting? |  |
| On what percentage of sets did offal discarding take place during hauling? |  |
| Was all or most of the offal retained for disposal on shore? |  |
| Was all or most of the offal retained and processed (e.g. mealed)? |  |
| Was there a system in place for removing hooks from discarded offal?  |  |
| Were there any hooks left in the offal that was discarded? |  |
| If so, did this occur daily/weekly/rarely? |  |

### Seabird Entanglements

*Please provide specific comments for each interaction in the table, and general comments on seabird interactions in the comments section.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date | Set/ Haul Number | Species | Number Observed Caught by Gear | Number of Collisions with Vessel | Comments (Entanglement method, when release took place etc) |
| By Observer | By Crew |
| Dead | Alive | Dead | Alive | Dead | Alive |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

Comments:

### Seabird Samples Retained

|  |  |  |  |
| --- | --- | --- | --- |
| Species | Type of Sample (whole/head/leg) | Number of Samples Collected | Contact Details of where the Samples were Sent |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

### Bird Bands

*Provide full details of all banded and marked birds, including band number and colour, band type (metal or plastic), which leg the band is on, species, and status of bird. Take a photo of the banded bird if possible.*

## MARINE MAMMAL INTERACTIONS WITH VESSEL

### Mitigation Measures

*Describe any mitigation measures used by the vessel to avoid interactions with marine mammals such as trotline cetacean exclusion devices.*

### Marine Mammal Entanglements

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Set or Haul Number | Species | Number Observed Entangled in Fishing Gear |
| Dead | Alive | Comments |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

### Fish Loss Due to Marine Mammals

*Please describe if any fish loss due to marine mammal depredation was directly observed, or attributed to marine mammals and if possible the species involved.*

## WASTE AND DEBRIS

### Vessel Waste Disposal Procedures

*Please answer all questions in the table regarding bait box strapping. In the comments section include general observations on cleanliness of vessel, factory room operations, and waste sorting procedures.*

|  |  |
| --- | --- |
| Were bait boxes with plastic packaging bands on board the vessel? |  |
| If so, were they cut once removed from the bait boxes? |  |
| Were they disposed of (intact or cut) over board? |  |
| Were they retained or incinerated? |  |

Comments:

### Marine Debris at Sea

*Record any marine debris observed while at sea. Where it is possible please attempt to bring the material on board for measurements and safe disposal. Only complete the size and weight columns when material is hauled aboard.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Date | Description | Latitude | Longitude | Hauled Aboard (Y/N) | Size (cm) | Weight (g) | Photograph attached (Y/N) |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

Comments:

## IUU VESSEL AND GEAR SIGHTINGS

*Provide a brief description of all unidentified or IUU vessels and gear sighted during the cruise to supplement the data recorded in the Vessel Sighting form in the Scientific Observer Logbook*.  *Attach any photos in this section.*

## ADDITIONAL INFORMATION

### Operational Issues:

*Describe any issues that occurred in relation to completing tasks such as access to parts of the vessel, access to information, crew attitudes etc. If any intimidation, bribery or obstruction issues occurred please provide as many details as possible.*

### Observer Tasks:

*Describe any problems associated with completing the SISO sampling tasks set out in the Scientific Observers Manual, or those set by your employing organisation.*

### Observers Logbook:

*Were problems encountered with the Observers Logbook? If so, please describe the problems.*

### Observer Cruise Report

*Did the cruise report template provide adequate space to summarize your cruise experience? Are there any sections you would like to see added or removed?*

### Educational Material

*Please answer the questions regarding the educational material on board the vessel. In the comments section describe any additional material that was on board the vessel, whether it was useful, and if any further information would be beneficial for observers and crew.*

|  |  |
| --- | --- |
| Was the book *Fish the Sea Not the Sky* on board the vessel? |  |
| Was the guide *Identification of Seabirds of the Southern Ocean* on board the vessel? |  |
| Did you have a copy of the *CCAMLR Species Identification Sheets*? |  |

Comments: